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पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

In view of the recent amendment made in the Patents Act, 1970 by the Patents (Amendment) Act, 2005 effective from 01st January 2005, the Official Journal of The Patent Office is required to be published under the Statute. This Journal is being published on weekly basis on every Friday covering the various proceedings on Patents as required according to the provision of Section 145 of the Patents Act 1970. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

(Chaitanya Prasad)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

11TH JULY, 2014

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**THE PATENT OFFICE
KOLKATA, 11/07/2014**

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<p>2 The Patent Office, Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office, S.M. Road, Antop Hill, Mumbai – 400 037</p> <p>Phone: (91)(22) 24137701 Fax: (91)(22) 24130387 E-mail: mumbai-patent@nic.in</p> <p>❖ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli</p>	<p>5 The Patent Office (Head Office), Government of India, Boudhik Sampada Bhavan, CP-2, Sector -V, Salt Lake City, Kolkata- 700 091</p> <p>Phone: (91)(33) 2367 1943/44/45/46/87 Fax: (91)(33) 2367 1988 E-Mail: kolkata-patent@nic.in</p> <p>❖ Rest of India</p>
<p>3 The Patent Office, Government of India, Boudhik Sampada Bhavan, Plot No. 32., Sector-14, Dwarka, New Delhi – 110075</p> <p>Phone: (91)(11) 2808 1921 – 25 Fax: (91)(11) 2808 1920 & 2808 1940 E-mail: delhi-patent@nic.in</p> <p>❖ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttaranchal, Delhi and the Union Territory of Chandigarh.</p>	

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पेटेंट कार्यालय

कोलकाता, दिनांक 11/07/2014

कार्यालयों के क्षेत्राधिकार के पते

विभिन्न जगहों पर स्थित पेटेंट कार्यालय के पते आंचलिक आधार पर दर्शित उनके प्रादेशिक अधिकार क्षेत्र के साथ नीचे दिए गए हैं:-

1	कार्यालय : महानियंत्रक, एकस्व, अभिकल्प तथा व्यापार चिह्न, एंटोप हिल डाकघर के समीप, एस. एम. रोड, एंटोप हिल, मुम्बई- 400 037, भारत, फोन: (91) (22) 24123311 फैक्स: (91) (22) 24123322 ई. मेल: cgpdtm@nic.in	4	पेटेंट कार्यालय, भारत सरकार इंटेलेक्चुअल प्रॉपर्टी राइट्स बिल्डिंग, इंडस्ट्रियल इस्टेट एसआईडीसीओ आरएमडी गोडाउन एरिया एडजसेन्ट टु ईगल फ्लास्क, जी. एस. टी. रोड, गायन्डी चेन्नई - 600 032. फोन: (91)(44) 2250 2081-84 फैक्स: (91)(44) 2250-2066 ई. मेल: chennai-patent@nic.in ❖ आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षदीप
2	पेटेंट कार्यालय, भारत सरकार बौद्धिक संपदा भवन, एंटोप हिल डाकघर के समीप, एस. एम. रोड, एंटोप हिल, मुम्बई- 400 037, फोन: (91) (22) 24137701 फैक्स: (91) (22) 24130387 ई. मेल: Mumbai-patent@nic.in ❖ गुजरात, महाराष्ट्र, मध्य प्रदेश, गोवा तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन तथा दीव, दादर और नगर हवेली.	5	पेटेंट कार्यालय, भारत सरकार कोलकाता, (प्रधान कार्यालय) बौद्धिक संपदा भवन, सीपी-2, सेक्टर- V, साल्ट लेक सिटी, कोलकाता-700 091, भारत. फोन: (91)(33) 2367 1943/44/45/46/87 फैक्स:/Fax: (91)(33) 2367 1988 ई. मेल: kolkata-patent@nic.in ❖ भारत का अवशेष क्षेत्र
3	पेटेंट कार्यालय, भारत सरकार बौद्धिक संपदा भवन, प्लॉट सं. 32, सेक्टर- 14, द्वारका, नई दिल्ली- 110 075. फोन: (91)(11) 2808 1921-25 फैक्स: (91)(11) 2808 1920, 2808 1940 ई. मेल: delhi-patent@nic.in हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान, उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य क्षेत्रों, एवं संघ शासित क्षेत्र चंडीगढ़		

वेबसाइट: <http://www.ipindia.nic.in>

www.patentoffice.nic.in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2005 अथवा पेटेंट (संशोधन) नियम, 2006 द्वारा वांछित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई शुल्क पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में स्वीकृत होंगे।

शुल्क: शुल्क या तो नगद रूप में या Controller of Patents के नाम में देय बैंक ड्राफ्ट या चेक के द्वारा भेजी जा सकती है जो उसी स्थान के किसी अनुसूचित बैंक में प्रदत्त हो जहाँ उपयुक्त कार्यालय स्थित है।

SPECIAL NOTICE

18 Months publication as required under Section 11A of the Patents Act, 1970 as amended by the Patents (Amendment) Act, 2005.

Notice is hereby given that any person at any time before the grant of Patent may give representation by way of opposition to the Controller of Patents at appropriate office on the ground and in a manner specified under section 25(1) of the Patents (Amendment) Act, 2005 read with Rule 55 of the Patents (Amendment) Rules, 2006.

Notice is also given that if any interested person requests for copies of the complete specification, drawing and abstract of any application already published, the photocopy of the same can be supplied by the Patent Office as per the jurisdiction on payment of prescribed fees of Rs.4/- per page. If any further details are required to be obtained, the same can be provided by the respective Patent Offices on request.

(Chaitanya Prasad)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

SPECIAL NOTICE

Under the new provision of the Patents Act, 1970 as amended by the Patents (Amendment) Act, 2005 and Rules there under, Publication of the matter relating to Patents in the Official Gazette of India Part III, Section 2 has been discontinued and instead The Official Journal of the Patent Office is being published containing all the activities of The Patent Office such as publication of all the patent applications after 18th months , grant of patents & all other information in respect of the proceedings as required under the provisions of the Patents (Amendment) Act, 2005 and Rules thereunder on weekly basis on every **Friday**.

The Journal is uploaded in the website every Friday. So Paper form and CD-ROM form of the Journal are discontinued from 01/01/2009.

SPECIAL NOTICE

Every effort is being taken to publish all the patent applications under section 11(A) of the Patents Act. However, if duplication of publication of any application is found, then earlier date of publication will be taken for the purpose of provisional protection for applicant and Patent Office will grant Patent not before six months from the date of second publication, provided that there is there is no third party representation.

Early Publication:

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(12) PATENT APPLICATION PUBLICATION

(21) Application No.491/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :21/03/2014

(43) Publication Date : 11/07/2014

(54) Title of the invention : LIFTING BAR AND LIFTING BAR CONNECTOR

(51) International classification	:A61G7/10	(71)Name of Applicant :
(31) Priority Document No	:61/532328	1)ARJO HUNTLEIGH MAGOG INC.
(32) Priority Date	:08/09/2011	Address of Applicant :2001 Tanguay Magog Quebec J1X 5Y5
(33) Name of priority country	:U.S.A.	Canada
(86) International Application No	:PCT/GB2012/052654	(72)Name of Inventor :
Filing Date	:25/10/2012	1)FAUCHER Martin
(87) International Publication No	:WO 2013/034936	2)CORRIVEAU Michel
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A patient lift connector for attaching and detaching a patient lifting bar to a load supporting member in a patient lift -ing system is described. The connector includes a connector body including a connecting block configured to be fixedly attached to the patient lifting bar. The connector also includes a pin holder coupled to the load supporting member and configured to be inserted through the connector body and into the connecting block, and an attachment latch secured to the connector body and configured to move between an open position and a closed position within the connector body. When the attachment latch moves from the closed position to the open position, the pin holder is allowed to be inserted into the connecting block and thereby allow the lifting bar to be attached to the load supporting member.

No. of Pages : 44 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2799/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :03/12/2009

(43) Publication Date : 11/07/2014

(54) Title of the invention : OIL FILLED CAPACITORS IN PLASTIC CONTAINER

(51) International classification	:H01G4/04	(71)Name of Applicant :
(31) Priority Document No	:NA	1)M/S. JIMCAP ELECTRONICS PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :L-12, VERNA INDUSTRIAL
(33) Name of priority country	:NA	ESTATE, VERNA, GOA-403 722 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. MEKKATTEL JOSEPH JOY
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A plastic oil field capacitors, for appliances in the fans, air conditioners, pumps sets, coolers, lightings, fixtures, compressors etc., comprising a plastic hollow body having a closed base at bottom an opposite end having a facilitated to provide terminals which are provided through a hole into the body as shown in the figure, an eyelet provided in between the terminals, an epoxy sealing made available to tight the eyelet and terminals, a plastic tap is provided between connection wire and epoxy sealing and elements have been provided vertically in the body an impregnate oil to be maintained in the plastic container.

No. of Pages : 4 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3078/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :25/06/2014

(43) Publication Date : 11/07/2014

(54) Title of the invention : ELECTRONIC CHOKE WITH ADVANCED ENERGY REDUCTION (POWER SAVER) FOR TUBE LIGHTS

(51) International classification

:F02B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)THIRUVENGADA RAMANUJAM RAJAGOPAL

Address of Applicant :VEERAAHNS, TRIDA COMPLEX, G-15, C BLOCK, MG ROAD, PALAYAM, TRIVANDRUM - 695 034 Kerala India

(72)Name of Inventor :

1)THIRUVENGADA RAMANUJAM RAJAGOPAL

(57) Abstract :

Electronic choke with advanced energy reduction (Power Saver) for Tube Lights Power saved is Power generated. A lot of innovations are happening throughout the world to improve the energy efficiency and save power consumed by different electrical and electronic devices and appliances, machineries etc. Power saving helps us to reduce the carbon emissions and reduced the pollution happening to the environment to generate power for our power requirement, so in order to help reduce and save the energy we have developed a power saver choke which will bring good savings to the energy consumed by the tube lights used in the country. I he LED is are expensive and still research is happening in the LED Sector to improve its thermal management in order to bring savings and reduce power consumption. Our product helps consumers use the power saver product to the already running tube lights and generate good savings in the electricity consumption and electricity charges. We are planning to take this power saver concept and product to other electrical and electronic products to reduce the power consumed by these devices and achieve savings in power with may be a little compromise which is far justifiable compared to the savings that is achieved using our product.

No. of Pages : 11 No. of Claims : 8

(54) Title of the invention : TRANSVERSE SLICE RADIOLOGICAL IMAGES ON PAPER USING MARAN TECHNIQUE FOR INVITRO ISODOSE DISTRIBUTION IN RADIOTHERAPY

(51) International classification	:a61n	(71)Name of Applicant :
(31) Priority Document No	:NA	1)S. MANIMARAN
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF RADIOLOGY,
(33) Name of priority country	:NA	MEENAKSHI MEDICAL COLLEGE & RI, MAHER
(86) International Application No	:NA	UNIVERSITY, ENATHUR KANCHIPURAM - 631 552 Tamil
Filing Date	:NA	Nadu India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)S. MANIMARAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The aim of clinical dosimetry of radiotherapy, to determine the perfect target dose likely to control the tumor while limiting the radiation dose on surrounding normal tissue, physical dosimetry of radiotherapy begins with the target dose specified by the clinician and it involves several aspects that are required to determine dose normalization and dose rate viz. A dedicated computerized treatment planning is necessary to view physical dosimetry. The wide spread use of computers and computer graphics combined with extensive utilization of computed tomography and magnetic resonance imaging can be credited for popularity of 3Dimensional treatment planning system. But in practice how radiation dose distribution executed inside patient body is highly challenging option to view directly. In light of this situation maran technique has made useful to access invitro isodose distribution of transverse siice image with perfect optical isodose distribution at the target volume. This technique is single slice transverse image on ordinary white paper detected while patient is on radiotherapy. The accuracy and precision of this technique was compared with patient Computerized Tomogram (CT) scan of particular slice it holds good agreement. The real biological isodose can be visualized easily by using this technique, the existing knowledge has computational graphics but we detected direct image on paper with good optical information of different zone of radiation dosage inside irradiated patient tumour volume, this instrument may be useful to detect cancers and solid tumours. The benefits are to qualitate the dose to target area and to adjoining normal tissues by comparing reference CT slice to verify treatment quality. We presented here two examples of Teletherapy and Brachytherapy treated case images for evaluation of this technique.

No. of Pages : 19 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3171/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :30/06/2014

(43) Publication Date : 11/07/2014

(54) Title of the invention : VISIBLE AC/DC ELECTRICITY THROUGH CONDUCTING MATERIALS USING LASER GUIDED IMAGING DEVICE

(51) International classification	:h02n	(71)Name of Applicant :
(31) Priority Document No	:NA	1)S. MANIMARAN
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF RADIOLOGY,
(33) Name of priority country	:NA	MEENAKSHI MEDICAL COLLEGE & RI, MAHER
(86) International Application No	:NA	UNIVERSITY, ENATHUR KANCHIPURAM - 631 552 Tamil
Filing Date	:NA	Nadu India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)S. MANIMARAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Laser guided imaging device (LGID) is a versatile optical instrument used for the direct visualization of AC / DC electricity through conducting materials. The conducting materials plays vital role in electrical engineering. It is assumed that movement of electrons, when an electric potential applied across the conductor, but practically impossible to visualize electron movement or electrical conductivity through conducting materials directly. An attempt has been made to view AC / DC electricity using LGID device, it works based on light absorption principle. We found that electricity propagates through materials by means of electrons transfer energy to adjacent atom and maintains their own direction. AC component moves sinusoidal wave pattern at particular region of a conductor, rest all surface acquire energy on electronic vibrations of atom enables conduction. In fact there is no movement of electrons through out the conductor instead, electron transfers electrical energy to its neighboring atom this can be visualized using this device. Similarly DC component propagates straight line like stationary wave pattern of node and anti node distribution. Based on its optical propagation, we can estimate, Velocity, phase, frequency, amplitude, energy, mobility, relaxation time, etc. this device may be useful to evaluate electronic circuit function analysis and optical thermal conductivity of a material.

No. of Pages : 13 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3065/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :24/06/2014

(43) Publication Date : 11/07/2014

(54) Title of the invention : PROCESS FOR MAKING BRAKE PAD BY USING NATURAL FIBRE AND COMPOSITES

(51) International classification	:f16d	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ARUNKUMAR MADESWARAN
(32) Priority Date	:NA	Address of Applicant :53, THIRUVALLUVAR SALAI,
(33) Name of priority country	:NA	WEST STREET, POTHANUR-(PO), P. VELUR-(TK),
(86) International Application No	:NA	NAMAKKAL - 638 181 Tamil Nadu India
Filing Date	:NA	2)SOUNDARARAJAN RANGANATHAN
(87) International Publication No	: NA	3)SIBI CHAKARAVARTHI SELVARAJ
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ARUNKUMAR MADESWARAN
(62) Divisional to Application Number	:NA	2)SOUNDARARAJAN RANGANATHAN
Filing Date	:NA	3)SIBI CHAKARAVARTHI SELVARAJ

(57) Abstract :

The invention relates to non-asbestos organic brake pad with organic ingredients including hemp fibre and composite materials which are subjected to natural process involving mixing of hemp fibre with other composite materials, compacting the mixture at a pressure, using hand-press machine, further compacting and curing using a hot press at high temperature with different processing pressures in compression molding machine and then removing brake pads from the mold, allowing to cool and curing at a constant temperature to provide environmental friendly and cost effective brake pads and also to provide for reducing (i) stopping distance of the vehicle and (ii) noise level and increasing (i) heat resistance, (ii) strength, (iii) flexibility,(iv) utility, (v) coefficient of friction and (vi) wear resistance. The invention also relates to the process for preparing brake pads for motor vehicles.

No. of Pages : 8 No. of Claims : 3

(54) Title of the invention : A METHOD AND APPARATUS FOR DYNAMIC SELF ADAPTIVE SMART MONITORING OF TRAFFIC AND ACTIVITIES

(51) International classification	:g06f	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ALAN TOBBY THOMAS
(32) Priority Date	:NA	Address of Applicant :ROSALIND, KEERUKUZH, (P.O),
(33) Name of priority country	:NA	THUMPAMON (VIA), PATHANAMTHITTA - 689 502 Kerala
(86) International Application No	:NA	India
Filing Date	:NA	2)KUMARACHAPARAMBIL ANOOP RAMESH
(87) International Publication No	: NA	CHANDRAN NAIR
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ALAN TOBBY THOMAS
(62) Divisional to Application Number	:NA	2)KUMARACHAPARAMBIL ANOOP RAMESH
Filing Date	:NA	CHANDRAN NAIR

(57) Abstract :

A dynamic self adaptive smart traffic/activity monitoring device and systems consisting of a) a local standalone monitoring, image processing, control and reporting node (101), having - video/image capturing device (102) and - a localized node level low power consuming and high performance imageprocessing and control computing device (104) adapted to process the images from capturing device (102,702) using local image/ graphic processing/control unit (105,702) and store in the image local storage (106) ; and b) remote storage, access and control station or interface (108) connected to said image local storage (106, 703) through wired or wireless bidirectional communication medium (107), having, - remote servers (109, 704) adapted to periodically receive schedule data as well as transfer and or copy data to file server or on demand by both user end portable units(110)(705) and main user end units(111, 706) where the data is tagged and stored in corresponding folders and sub folders with time, date, type, severity/intensity and exact place of occurrence of the events, - user end portable units (110, 705) configured to report/trigger alerts to remote concerned authorities on incidents and suspicious activities which are crossing a defined or set threshold and - main user end unit and remote monitoring and administrative control center (111,706) to provide remote administrative control for feature enablement, mode - threshold level setting / override.

No. of Pages : 39 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.599/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :02/06/2014

(43) Publication Date : 11/07/2014

(54) Title of the invention : GENERATION OF ELECTRICITY USING ANIMAL'S ENERGY

(51) International classification	:C03B5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DAS AMIT KUMAR
(32) Priority Date	:NA	Address of Applicant :651-P.MAJUMDAR ROAD,
(33) Name of priority country	:NA	KOLKATA-700078,WEST BENGAL India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DAS AMIT KUMAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an electricity generating device and in particular, this invention relates to an electricity generating device using nonconventional source. More particularly, this present invention relates to an electricity generating device using kinetic energy generated by spontaneous behavior of an animal. Moreover, this invention also relates to a device for generating electricity using an animal as a source of power. Furthermore, this invention also relates to an electricity generating device which has the beneficial effects of simple process. Electricity generated is pollution free, clean energy and climate friendly. This is a renewable inexhaustible source of energy.

No. of Pages : 19 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.692/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :26/06/2014

(43) Publication Date : 11/07/2014

(54) Title of the invention : GREEN SYNTHESIS OF METALLIC NANOPARTICLES BY FRUIT EXTRACT AND USES THEREOF.

(51) International classification	:G01N21/65
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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2)SETT ARGHYA

3)SHARMA PRAGYA

4)GADEWAR MANOJ

(72)Name of Inventor :

1)BORA UTPAL

2)SETT ARGHYA

3)SHARMA PRAGYA

4)GADEWAR MANOJ

(57) Abstract :

The present invention relates to the field of nanotechnology and the method to synthesize gold nanoparticles using fruit extract of Dillenia indica by green synthesis approach. For example, the present invention relates to metal nanoparticles formed with solutions of plant extracts and use of these metal nanoparticles in various biomedical applications.

No. of Pages : 12 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/06/2014

(21) Application No.697/KOL/2014 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : PADDY GRAIN HARVESTER

(51) International classification	:A01D41/127
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SUNIL KUMAR

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DOBHA BHAZAR, DIST-BHOJPUR, P.S-ARAMUFFASIL,
BIHAR- 802156, Bihar, India.

(72)Name of Inventor :

1)SUNIL KUMAR

(57) Abstract :

This invention relates to a paddy grain harvester and in particular, this invention relates to a paddy grain harvester which can separate grains and husk (also the remains part of crops) in different tanks during harvesting of crops into the fields. More particularly, this present invention relates to the a paddy grain harvester in which after cutting crops having gripped with fan and chain coming into the conveyer belt and the crops reached into the mouth of thresher. Furthermore, this invention also relates to a paddy grain harvester which provides a more pleasant life, convenience, and stability. This invention also relates to a paddy grain harvester which has the beneficial effects of having high efficiency, saving manpower cost, reducing labor intensity, and having safety and reliability in production.

No. of Pages : 30 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.698/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :26/06/2014

(43) Publication Date : 11/07/2014

(54) Title of the invention : AN APPARATUS FOR MEASURING THERMAL CONDUCTIVITY

(51) International classification	:G01N1/36	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR.SAROJENDRA NATH MALLICK
(32) Priority Date	:NA	Address of Applicant :127/7, BENI MASTER LANE,
(33) Name of priority country	:NA	KOLKATA-700061 West Bengal, India.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR.SAROJENDRA NATH MALLICK
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention describes an apparatus and method for measuring thermal conductivity. The apparatus includes two water baths hot and cold, connecting with main measuring box through heat sealed pipe to brass jackets. In between Jackets a sample of solid /liquid/pesty/Powder can be measured. The thermal resistance between solid and brass bar contacts, axial pressure has also been introduced to reduce the contact resistance in this apparatus. The apparatus is calibrated by using fused silica.

No. of Pages : 13 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1434/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :20/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD OF SMELTING GLASS IN A GLASS FURNACE USING PETROLEUM COKE

(51) International classification	:F27B	(71) Name of Applicant :
(31) Priority Document No	3/00	1)HINDUSTHAN NATIONAL GLASS & INDUSTRIES
(32) Priority Date	:NA	LTD
(33) Name of priority country	:NA	Address of Applicant :2RED CROSS PLACE 2ND FLOOR
(86) International Application No	:NA	KOLKATA-700001 West Bengal India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)SOMANY, SANJAY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method of melting glass in a glass furnace, said method comprising the steps of: a) pulverizing the petroleum coke to size in the range of 160 micron to 200 micron; b) pulverized petroleum coke of step (a) is transported to the mixing chamber by screw pump along with compressed air under pressure applied in a range of 2-6 bar; c) petroleum coke of step (b) is then fed to a multiplicity of burners by a single screw pump, which is coupled with each port attached to the burners, at a pre-determined feed rate, into the furnace in order to achieve desired quality of glass.

No. of Pages : 19 No. of Claims : 4

Publication After 18 Months:

The following Patent Applications have been published under Section 11A (3) of The Patents (Amendment) Act, 2005. Any Person may file representation by way of opposition to the Controller of Patents at the appropriate office against the grant of the patent in the prescribed manner under section 25(1) of the Patents (Amendment) Act, 2005 read with the rule 55 of The Patents (Amendment) Rules, 2006:

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8204/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/09/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : BLOCK FOR CONSTRUCTION AND METHOD TO BUILD WALLS WITH SAID BLOCK

(51) International classification	:E02D 29/02
(31) Priority Document No	:105009
(32) Priority Date	:09/03/2010
(33) Name of priority country	:Portugal
(86) International Application No	:PCT/IB2011/050980
Filing Date	:09/03/2011
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)VIEIRA DA CUNHA Ant³nio Jos

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P-4420-213 Gondomar Portugal

(72)Name of Inventor :

1)VIEIRA DA CUNHA Ant³nio Jos

(57) Abstract :

A block for construction of foundation systems retaining walls and gabions and to methods to build walls or gabions from said block. The block is comprised by at least two sides or faces of rectangular and flat configuration (1 and 2); at least one side or face (3) which has at least one of the ends in convex form; at least two sides or faces (4 e 5) which have at least one of its ends in convex form and that together with the convex end of the side or face (3) can provide said block with an apex (6) and respective geodynamic form. The present block is intended for the civil construction sector more specifically for the construction of retaining walls by means of blocks or applying formwork with the form of the blocks.

No. of Pages : 30 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8206/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/09/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : SINGLE PROCESSOR CLASS-3 ELECTRONIC FLIGHT BAG

(51) International classification :G06F 9/50
(31) Priority Document No :61/307,012
(32) Priority Date :23/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/025866
Filing Date :23/02/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)ASTRONAUTICS CORPORATION OF AMERICA

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1)Jason SHULER

2)Jonathan SCHAAF

3)Andrew LINDGREN

4)Micah FEDKE

5)Peter SCHOTZ

6)David OWCZARSKI

7)Ram GUPTA

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9)Eugene ZOBACHEV

10)Nicholas HOLUPCHINSKI

11)Stephen CHULA

12)Matthew HUNGERFORD

13)Jeffrey HERING

14)David JONES

15)Bernard NEWMAN

16)John LEHSTEN

(57) Abstract :

An electronic flight bag providing computational services for an aircraft and communicating with aircraft avionics may execute aircraft-design-approved Type-C applications together with non-design-approved Type-A/B on a single processor through specific modifications of the operating system to control memory and processor access thereby providing isolation comparable to that of dual processor systems in which the Type-C applications and Type-A/B applications are executed on different processors.

No. of Pages : 31 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/09/2012

(21) Application No.8207/DELNP/2012 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : HYDROGEN STORAGE UNIT

(51) International classification	:F17C 3/08
(31) Priority Document No	:2010900776
(32) Priority Date	:24/02/2010
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2011/000196
Filing Date	:23/02/2011
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)HYDREXIA PTY LTD

Address of Applicant :Building 54 Sir William MacGregor Drive University of Queensland St Lucia Queensland 4072 Australia

(72)Name of Inventor :

1)Matthew Campbell GREAVES

2)Benjamin David GUYMER

3)Jordan Christopher PIERCE

(57) Abstract :

A hydrogen vessel comprising a fluid communication port an outer vessel and an inner compartment. The inner vessel contains a hydrogen storage material such as a metal hydride. In one embodiment the inner vessel is mechanically isolated from the outer vessel. The separation between the outer and inner vessel provides a peripheral volume between each vessel. The peripheral volume about the inner compartment may be fluidly isolated from the inner compartment. The hydrogen storage unit further includes a fluid pressure device in communication with the peripheral volume; and a controller for controlling the fluid pressure device during desorption and absorption.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8208/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/09/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : HYDROGEN RELEASE SYSTEM

(51) International classification :F17C 7/00
(31) Priority Document No :2010900775
(32) Priority Date :24/02/2010
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2011/000197
Filing Date :23/02/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)Jordan Christopher PIERCE
2)Matthew Campbell GREAVES
3)Stephanie Maya MOROZ
4)Andrew Charles DUGUID
5)Alexander Warner KNIGHT

(57) Abstract :

A SYSTEM FOR DISCHARGING HYDROGEN FROM TWO OR MORE HYDROGEN STORAGE VESSELS (1A, 1B, 1C) CONTAINING SOLID HYDROGEN STORAGE MATERIAL. THE SYSTEM INCLUDES AT LEAST ONE HYDROGEN SUPPLY LINE FOR CONNECTING THE HYDROGEN STORAGE VESSELS TO A HYDROGEN DEMAND (3), AN ENERGY DELIVERY SYSTEM (6A, 6B, 6C) TO PROVIDE HEAT TO THE HYDROGEN STORAGE MATERIAL IN EACH HYDROGEN STORAGE VESSEL TO DESORB HYDROGEN FROM THE SOLID HYDROGEN STORAGE MATERIAL, AND ONE OR MORE SUPPLY CONNECTION CONDUITS (4A, 4B, 4C) FOR CONNECTING THE SUPPLY LINE OR LINES TO THE HYDROGEN STORAGE VESSELS (1A, 1B, 1C). EACH SUPPLY CONNECTION CONDUIT HAS A BACKFLOW PREVENTION DEVICE (5A, 5B, 5C) TO PREVENT HYDROGEN IN THE SUPPLY LINE FROM FLOWING BACK INTO THE HYDROGEN STORAGE VESSELS (1A, 1B, 1C). ALSO DISCLOSED IS A SYSTEM FOR DELIVERING A SUPPLY OF HYDROGEN TO A HYDROGEN SUPPLY LINE INCLUDING A CONTROL SYSTEM (7) TO DETERMINE THE TIMING OF ACTIVATION OF AN ENERGY DELIVERY SYSTEM BASED (6A, 6B, 6C) ON THE HYDROGEN DEMAND IN THE HYDROGEN SUPPLY LINE. THE CONTROL SYSTEM (7) ACTIVATES THE ENERGY DELIVERY SYSTEM (6A, 6B, 6C) IN THE NEXT HYDROGEN STORAGE UNIT TO PROVIDE A SUFFICIENT PERIOD OF TIME FOR THE MATERIAL IN THE NEXT HYDROGEN STORAGE VESSEL TO HEAT TO THE TEMPERATURE AT WHICH HYDROGEN IS PROVIDED AT THE SUPPLY PRESSURE FOR THE HYDROGEN SUPPLY LINE.

No. of Pages : 23 No. of Claims : 16

(54) Title of the invention : SOLAR THERMAL POWER PLANT

(51) International classification	:F03G 6/00
(31) Priority Document No	:1006497.0
(32) Priority Date	:19/04/2010
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2011/050742
Filing Date	:14/04/2011
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)DOW CORNING CORPORATIONAddress of Applicant :2200 West Salzburg Road PO Box 994
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(72)Name of Inventor :

1)DAVIES Keith**2)BENT David**

(57) Abstract :

THERE IS DISCLOSED A METHOD OF GENERATING SUPERHEATED STEAM FOR USE IN POWER GENERATION. THE METHOD COMPRISES: (A) PREHEATING FEED WATER TO A TEMPERATURE BELOW ITS BOILING POINT; (B) BOILING THE PREHEATED FEED WATER TO PRODUCE STEAM; AND (C) SUPERHEATING THE STEAM. THE FEED WATER IS BOILED BY HEAT EXCHANGE WITH A HEAT TRANSFER FLUID WHICH HAS BEEN HEATED BY HEAT COLLECTED IN A FIRST SOLAR RADIATION ABSORPTION DEVICE. IN ADDITION, ONE OR OTHER OR BOTH OF THE PREHEATING AND SUPERHEATING IS CARRIED OUT BY DIRECT HEATING IN A FURTHER SOLAR RADIATION ABSORPTION DEVICE OR DEVICES. THE INVENTION ALSO RELATES TO AN APPARATUS FOR GENERATING SUPERHEATED STEAM FOR USE IN POWER GENERATION. THE APPARATUS COMPRISES: (1)A SUPERHEATED STEAM GENERATING PORTION FOR GENERATING SUPERHEATED STEAM, COMPRISING: (A)A PREHEATER ZONE FOR PREHEATING A FEED WATER TO A TEMPERATURE BELOW ITS BOILING POINT; (B)A BOILER ZONE DOWNSTREAM OF THE PREHEATER ZONE FOR BOILING THE PREHEATED FEED WATER TO PRODUCE STEAM; AND (C)A SUPERHEATER ZONE DOWNSTREAM OF THE BOILER ZONE, FOR SUPERHEATING THE STEAM; AND (2)A HEAT TRANSFER FLUID PORTION COMPRISING A FIRST SOLAR RADIATION ABSORPTION DEVICE FOR HEATING A HEAT TRANSFER FLUID AND BEING CONFIGURED TO TRANSFER HEAT FROM THE HEATED HEAT TRANSFER FLUID TO THE FEED WATER IN THE BOILER ZONE. ONE OR OTHER OF THE PREHEATER ZONE AND THE SUPERHEATER ZONE COMPRISES A FURTHER SOLAR RADIATION ABSORPTION DEVICE FOR DIRECT HEATING OF THE FEED WATER OR THE STEAM, OR WHEREIN EACH OF THE PREHEATER ZONE AND THE SUPERHEATER ZONE COMPRISES A FURTHER SOLAR RADIATION ABSORPTION DEVICE FOR DIRECT HEATING RESPECTIVELY OF THE FEED WATER AND THE STEAM.

No. of Pages : 28 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8419/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD FOR REFINING ALUMINUM-CONTAINING SILICON

(51) International classification :C01B 33/037
(31) Priority Document No :61/309,132
(32) Priority Date :01/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/026483
Filing Date :28/02/2011
(87) International Publication No : NA
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)COMPANHIA BRASILEIRA CARBURETO DE
CALCIO**
(72)Name of Inventor :
1)DOSAJ Vishu Dutt
2)BITTAR Reinaldo Rodrigues

(57) Abstract :

A METHOD FOR REFINING ALUMINUM-CONTAINING SILICON IS PROVIDED AND INCLUDES HEATING AN ALUMINUM-CONTAINING SILICON TO FORM A MOLTEN ALUMINUM-CONTAINING SILICON, ADDING A SOURCE OF CALCIUM SELECTED FROM THE GROUP CONSISTING OF CALCIUM, CALCIUM OXIDE, AND CALCIUM CARBONATE, AND, OPTIONALLY SILICA TO THE ALUMINUM-CONTAINING SILICON; AND EXPOSING THE MOLTEN ALUMINUM-CONTAINING SILICON TO OXYGEN TO PRODUCE A REFINED SILICON AND A BY-PRODUCT SLAG SUCH THAT THE REFINED SILICON CONTAINS AN AMOUNT OF ALUMINUM LESS THAN THE AMOUNT OF ALUMINUM IN THE ALUMINUM-CONTAINING SILICON.

No. of Pages : 15 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8420/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/09/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : GENERATOR AND MOTOR VENTILATOR

(51) International classification :F03D 7/06 (
(31) Priority Document No :1101001096
(32) Priority Date :11/07/2011
(33) Name of priority country :Thailand
(86) International Application No :PCT/TH2012/000009
Filing Date :17/02/2012
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)Rapee Boonbutra

Address of Applicant :55 Moo 9 Ramindra Road Kannayao
10230 Bangkok Thailand

(72)Name of Inventor :

1)Ekkamol Boonyapalanant

(57) Abstract :

GENERATOR AND MOTOR VENTILATOR - APPLIED NATURAL ROOF VENTILATOR FOR HAVING SPACE TO INSTALL GENERATING ELECTRIC POWER SET IN PERMANENT MAGNETIC TYPE AT INNER RING AND INDUCTANCE IS INSTALLED IMMOVABLY AT OUTER RING. WHEN HAS WIND SPEED MAKING NATURAL ROOF VENTILATOR ROTATE, 3 PHASE ALTERNATING CURRENT WILL BE PRODUCED. CONNECTING ALTERNATING CURRENT TO INDUCTANCE AND TO RECTIFIER FOR CONVERT TO DIRECT CURRENT AND HAVING CAPACITOR CONNECTED IN PARALLEL WITH DIRECT CURRENT FOR STORING ENERGY WHILE NO CHARGING OCCURED. TO MAKE HIGHER VOLTAGE, CONNECT TO SWITCH WHICH OPEN-CLOSE CIRCUIT BY USING MOSFET AS SWITCH AND CONTROLLING BY MICROCONTROLLER FOR CHARGING INTO BATTERY. MICROCONTROLLER WILL DETECT BETWEEN VOLTAGE OF DIRECT CURRENT PRODUCING BY GENERATOR AND MOTOR VENTILATOR AND VOLTAGE FROM BATTERY. IF VOLTAGE OF DIRECT CURRENT WHICH BEEN GENERATED FROM GENERATOR AND MOTOR VENTILATOR IS HIGHER THAN APPROPRIATE LEVEL, CHARGING INTO BATTERY IS OCCUR. IF VOLTAGE OF DIRECT CURRENT FROM GENERATOR AND MOTOR VENTILATOR IS LOWER THAN VOLTAGE FROM BATTERY OR NO WIND MADE NO ROTATION OR LOW WIND SPEED MADE LESS ROTATION WHICH MEAN GENERATING LESS ELECTRICITY. MICROCONTROLLER WILL EVALUATE AND COMMAND SWITCH OPEN-CLOSE CIRCUIT BY USING MOSFET AS A SWITCH FOR CHARGING TO STOP WORKING. THEREFORE, THAT SWITCH WILL OPEN CIRCUIT, TO SUPPLY ELECTRIC CURRENT PASS SWITCH FUNCTIONING IN RECTIFIER 3 PHASE TYPE WORKING ALTERNATELY AS INVERTER TO INDUCTANCE OF ELECTRICAL GENERATOR FOR WORKING LIKE A MOTOR. THEREBY, NATURAL ROOF VENTILATOR CAN ROTATE AND VENTILATE AIR WHEN LESS OR NO WIND SPEEDS.

No. of Pages : 13 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8164/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/09/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : OPTICAL-FIBER-CONTAINING INSULATING SPACER

(51) International classification :G01R 15/24
(31) Priority Document No :2010-063556
(32) Priority Date :19/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/055871
Filing Date :08/03/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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2)Toko Electric Corporation
(72)Name of Inventor :
1)ZHANG Wei
2)KAWAMATA Masashi
3)YAMAGUCHI Tatsushi
4)SHIOZAWA Daigorou

(57) Abstract :

THE DISCLOSED OPTICAL-FIBER-CONTAINING INSULATING SPACER CONTAINS OPTICAL FIBER USED IN A CURRENT TRANSFORMER, CAN BE FABRICATED EASILY AND ECONOMICALLY, DOES NOT PRODUCE CORONA DISCHARGES FROM ELECTRIC FIELDS BEING CONCENTRATED IN TINY GAPS, AND DOES NOT AFFECT THE PROPERTIES OF THE CURRENT TRANSFORMER. SAID INSULATING SPACER (1) CONTAINS THE FOLLOWING EMBEDDED IN AN INSULATING MOLDED MEMBER (3) FORMED AS A SINGLE UNIT BY MOLDING AN INSULATING MATERIAL SUCH AS AN EPOXY RESIN: AT LEAST ONE CONDUCTOR (2); AND AN OPTICAL FIBER (14) MADE FROM A FARADAY-EFFECT MATERIAL AND A GROUNDING SHIELD DISPOSED SO AS TO SURROUND THE CONDUCTOR(S). THE GROUNDING SHIELD USES A CYLINDRICAL SHIELDING MEMBER (15) MADE FROM A METAL CYLINDRICAL MATERIAL PROVIDED WITH A PLURALITY OF SMALL HOLES, A STRIP-SHAPED METAL MATERIAL, METAL WIRES, OR THE LIKE. THE AFOREMENTIONED OPTICAL FIBER (14), WHICH IS USED AS AN OPTICAL CURRENT TRANSFORMER COMPONENT, IS DISPOSED AT A PRESCRIBED POSITION INSIDE THE CYLINDRICAL SHIELDING MEMBER (15).

No. of Pages : 15 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8165/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/09/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : GLASSES SELLING SYSTEM LENS COMPANY TERMINAL FRAME COMPANY TERMINAL GLASSES SELLING METHOD AND GLASSES SELLING PROGRAM

(51) International classification	:G06Q 30/06
(31) Priority Document No	:2010-059685
(32) Priority Date	:16/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/056073
Filing Date	:15/03/2011
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)INOUE Hideya
2)FUKAWA Yasuteru
3)YAMAGAKI Koji

(57) Abstract :

IN THE DISCLOSED GLASSES VENDING SYSTEM, A VENDING SERVER ASSOCIATES WITH CUSTOMER IDENTIFICATION INFORMATION AND RECORDS PRESCRIPTION DATA OF A CUSTOMER TRANSMITTED VIA A COMMUNICATION LINE FROM AN OPTOMETRIST TERMINAL OF AN OPTOMETRIST PERFORMING OPTOMETRY FOR A GLASSES PRESCRIPTION, TRANSMITS IMAGE DATA OF A GLASSES FRAME CANDIDATE GROUP TO A CUSTOMER TERMINAL, TRANSMITS IMAGE DATA OF A GLASSES LENS CANDIDATE GROUP TO THE CUSTOMER TERMINAL, RECEIVES INFORMATION REGARDING THE FRAME AND LENS THAT THE CUSTOMER WILL PURCHASE DETERMINED ON THE BASIS OF AN IMAGE THAT COMBINES THE FRAME IMAGE THAT THE CUSTOMER SELECTS, THE LENS IMAGE THAT THE CUSTOMER SELECTS, AND A HEADSHOT OF THE CUSTOMER, AND TRANSMITS THE PRESCRIPTION DATA OF THE CUSTOMER TO A LENS COMPANY TERMINAL OF A LENS COMPANY THAT WILL MANUFACTURE THE LENS THAT THE CUSTOMER HAS PURCHASED.

No. of Pages : 53 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8168/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/09/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND DEVICE FOR OPERATING AN INTERNAL COMBUSTION ENGINE IN THE EVENT OF A FAULT OF A CRANKSHAFT SENSOR

(51) International classification :F01L 1/34
(31) Priority Document No :10 2010 003 051.1
(32) Priority Date :19/03/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/053026
Filing Date :01/03/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ROBERT BOSCH GmbH
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Germany
(72)Name of Inventor :
1)NEFZER Ulrich-Michael
2)PIETSCH Elmar
3)DERINGER Carsten

(57) Abstract :

THE INVENTION RELATES TO A METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE IN THE EVENT OF A FAULT OF A CRANKSHAFT SENSOR, WHEREIN THE INTERNAL COMBUSTION ENGINE (1) HAS AT LEAST TWO CAMSHAFTS (8, 9, 10, 11) AND A ROTATIONAL SPEED AND/OR A POSITION OF THE INTERNAL COMBUSTION ENGINE (1) IS DERIVED FROM A SIGNAL PICKED OFF FROM THE CAMSHAFT (8, 9, 10, 11). TO IMPROVE THE EXHAUST-GAS BEHAVIOUR OF THE INTERNAL COMBUSTION ENGINE EVEN DURING A CRANKSHAFT EMERGENCY RUNNING PHASE, ONLY A FIRST CAMSHAFT (11) IS USED TO DETERMINE THE ROTATIONAL SPEED AND/OR THE POSITION OF THE INTERNAL COMBUSTION ENGINE (1), WHEREAS THE SECOND CAMSHAFT (8, 9, 10) IS ADJUSTED IN TERMS OF ITS ROTATIONAL ANGLE IN ORDER TO REALIZE A VARIABLE VALVE DRIVE AT THE INLET OR OUTLET VALVES (6, 7), WHICH ARE DRIVEN BY THE SECOND CAMSHAFT (8, 9, 10), OF THE INTERNAL COMBUSTION ENGINE (1).

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8495/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/09/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : INFORMATION PROCESSING DEVICE, INFORMATION RECORDING METHOD, INFORMATION PROCESSING METHOD, AND PROGRAM

(51) International classification	:H04N 13/00
(31) Priority Document No	:2010-089448
(32) Priority Date	:08/04/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/057537
Filing Date	:28/03/2011
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SONY CORPORATION
Address of Applicant :1-7-1 Konan Minato-ku Tokyo 108-0075 Japan
(72)**Name of Inventor :**
1)TOSHIYA HAMADA

(57) Abstract :

IN ORDER TO ACHIEVE A DATA RECORDING AND PLAYBACK CONFIGURATION WITH WHICH IT IS POSSIBLE TO DETERMINE IN DETAILED DATA UNITS WHETHER DATA RECORDED ON A RECORDING MEDIUM CONTAINS 3D IMAGE DATA, AND THE ENCODING MODE OF SUCH DATA, WHEN RECORDING DATA TO THE RECORDING MEDIUM, A CLIP INFORMATION FILE CONTAINING MANAGEMENT INFORMATION FOR A STREAM FILE THAT STORES IMAGE DATA HAS RECORDED THEREON 3D IMAGE INFORMATION AS IMAGE ATTRIBUTE INFORMATION IN DATA UNITS OBTAINED BY FURTHER DIVIDING THE DATA SUBJECT TO MANAGEMENT IN SAID CLIP INFORMATION FILE. SPECIFICALLY, 3D IMAGE INFORMATION IS RECORDED AS UNIQUE INFORMATION IN PROGRAM SEQUENCE UNITS THAT ARE SET UP ON THE CLIP INFORMATION FILE. AS A RESULT OF THIS CONFIGURATION, A PLAYBACK DEVICE CAN DETECT THE PRESENCE OF 3D IMAGES AND THE ENCODING MODES IN DATA DIVISION UNITS WITHOUT ANALYZING THE DATA TO BE PLAYED BACK.

No. of Pages : 171 No. of Claims : 16

(54) Title of the invention : SHIELDED ENCLOSURE ASSEMBLY FOR AT LEAST ONE IN PARTICULAR STANDARDIZED CONNECTOR ON A CABLE

(51) International classification	:H01R 13/658	(71)Name of Applicant :
(31) Priority Document No	:11183866.0	1)TYCO ELECTRONICS NEDERLAND BV
(32) Priority Date	:04/10/2011	Address of Applicant :RIETVELDENWEG 32, NL - 5222
(33) Name of priority country	:EUROPEAN UNION	AR, S-HERTOGENBOSCH, THE NETHERLAND
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DENDAS, FREDDY JEAN PHILIP
(87) International Publication No	: NA	2)DE BOER, THOMAS TAAKE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an enclosure assembly (1) for at least of a variety orin particular standardized connectors on a cable, such as RJ45, HDMI and others. The enclosure assembly 5 (1) comprises a connector volume (78) located within an inner body (62) of the enclosure assembly (1). The connector volume (78) is adapted to moveably accommodate the connector (4). The inner body (62) is open to an outer environment (90) and a forward and a rearward end. The enclosure assembly (1) further comprises an outer body (68) adapted to slide over the inner body (62) in a forward direction (42). The outer body (68) is provided with at least one 10 locking element (70) for securing the enclosure assembly (1) to a mating enclosure. As a further improvement to the known connector assemblies, the connector volume (78) is located within an electromagnetic shielding structure (74) and the electromagnetic shielding structure (74) is located within the inner body (62). According to a further embodiment, the electromagnetic shielding structure (74) comprises a fixed shielding substructure (20) and a moveable shielding 15 substructure (44), which may be automatically connected to each other upon movement of the inner body in the forward direction (42).

No. of Pages : 34 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8392/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :25/09/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : FERRITE BASED STAINLESS STEEL FOR USE IN COMPONENTS OF AUTOMOBILE EXHAUST SYSTEM

(51) International classification	:C22C 38/00
(31) Priority Document No	:2010-057865
(32) Priority Date	:15/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/055513
Filing Date	:09/03/2011
(87) International Publication No	:WO 2011/114964
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)Nippon Steel & Sumikin Stainless Steel Corporation
Address of Applicant :6 1 Otemachi 2 chome Chiyoda ku
Tokyo 1000004 Japan
(72)Name of Inventor :
1)SAKAMOTO Shunji
2)TERAOKA Shinichi
3)HIRAIDE Nobuhiko

(57) Abstract :

The disclosed ferrite based stainless steel for use in the components of an automobile exhaust system comprises in terms of mass% at most 0.015% C 0.01 0.50% Si 0.01 0.50% Mn at most 0.050% P at most 0.010% S at most 0.015% N 0.010 0.100% Al 16.5 22.5% Cr 0.5 2.0% Ni and 0.01 0.50% Sn and further comprises 0.03 0.30% Ti and/or 0.03 0.30% Nb with the remainder being Fe and unavoidable impurities.

No. of Pages : 32 No. of Claims : 3

(54) Title of the invention : FERRITIC STAINLESS STEEL SHEET SUPERIOR IN SURFACE GLOSSINESS AND CORROSION RESISTANCE AND METHOD FOR PRODUCING SAME

(51) International classification :C22C 38/00
 (31) Priority Document No :2010-076099
 (32) Priority Date :29/03/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/057512
 Filing Date :22/03/2011
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)NIPPON STEEL & SUMIKIN STAINLESS STEEL CORPORATION
 Address of Applicant :6-1 Otemachi 2-chome Chiyoda-ku Tokyo 1000004 Japan
 (72)Name of Inventor :
1)MASAHARU HATANO
2)AKIHITO YAMAGISHI
3)SHIGENORI TAKAHATA
4)EIICHIRO ISHIMARU

(57) Abstract :

DISCLOSED IS A FERRITIC STAINLESS STEEL SHEET FORMED FROM 0.001 - 0.03% C, 0.01 - 1.0% SI, 0.01 - 1.5% MN, 0.005 - 0.05% P, 0.0001 - 0.01% S, 12 - 16% CR, 0.001 -0.03% N, 0.05 -0.3% NB, 0.03 - 0.15% TI, 0.005 - 0.5% AL, AND 0.01 - 1.0% SN, WITH THE REMAINDER BEING FE AND UNAVOIDABLE IMPURITIES, AND THE STAINLESS STEEL SHEET SATISFYING THE RELATION $1 = \text{NB/TI} = 3.5$. ALSO DISCLOSED IS A METHOD FOR PRODUCING THIS STAINLESS STEEL SHEET WHEREIN A STAINLESS STEEL SLAB HAVING THESE STEEL COMPONENTS IS HEATED, THE EXTRUSION TEMPERATURE SET TO 1080 - 1190°C AND THE WINDING TEMPERATURE AFTER COMPLETION OF HOT-ROLLING SET TO 500 - 700°C. AFTER HOT-ROLLING, THE HOT-ROLLED SHEET IS ANNEALED OR THE ANNEALING STEP OMITTED AND COLD-ROLLED ONCE OR COLD ROLLED TWICE OR MORE WITH INTERMEDIATE ANNEALING IN BETWEEN. FINAL ANNEALING IS CARRIED OUT AT 850 - 980°C.

No. of Pages : 26 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8439/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/09/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : ROASTED COFFEE BEANS

(51) International classification	:A23F 5/10
(31) Priority Document No	:2010-077831
(32) Priority Date	:30/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/058012
Filing Date	:30/03/2011
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)KAO CORPORATION
Address of Applicant :14-10 Nihonbashi-kayabacho 1-chome
Chuo-ku Tokyo 103-8210 Japan
(72)**Name of Inventor :**
1)TATSUYA KUSAURA

(57) Abstract :

PROVIDED ARE ROASTED COFFEE BEANS WHICH ARE USEFUL AS A STARTING MATERIAL OF COFFEE DRINKS HAVING A BODY FEELING AND A RICH FLAVOR WITH LITTLE UNPLEASANT TASTE. THE ROASTED COFFEE BEANS HAVE AN L VALUE OF 10-20, A CONTENT RATIO [(B)/(A)] OF HYDROXYHYDROQUINONE (B) TO HYDROQUINONE (A) EQUAL TO OR LESS THAN 3.5, AND A CONTENT OF CHLOROGENIC ACIDS (C) OF 0.3-1.5 G PER 100 G OF THE ROASTED COFFEE BEANS.

No. of Pages : 37 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1692/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :01/06/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : YIELD IMPROVEMENT IN SYNCHRONIZER RING MANUFACTURE

(51) International classification	:F16D	(71) Name of Applicant :
(31) Priority Document No	:NA	1)CHANG YUN INDIA LTD
(32) Priority Date	:NA	Address of Applicant :77, IDC, MEHARAULI ROAD,
(33) Name of priority country	:NA	GURGAON 122001 Haryana India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SUDHIR SRIVASTAVA
(87) International Publication No	: NA	2)RAJESH DONGARE
(61) Patent of Addition to Application Number	:NA	3)PAWAN KUMAR TAMTA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Metal blank of annular ring is pre-machined to provide a tapered internal diameter of an effective angle before hot forging for manufacture of synchronizer ring resulting into significantly higher yield from the global benchmark. Pre-machining of blanks to provide a tapered angle closer to the taper angle of the final product reduces the flash and the consequently the need for machining of the final product post-forging.

No. of Pages : 18 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8353/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/09/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : cutterbar support for a crop harvesting header

(51) International classification	:A01D 34/28
(31) Priority Document No	:12/748,550
(32) Priority Date	:29/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2011/053787
Filing Date	:14/03/2011
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CNH Belgium N.V.
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Zedelgem Belgium.
(72)**Name of Inventor :**
1)FIGGINS Ryan

(57) Abstract :

A system for supporting a cutterbar of a crop harvesting header includes a first arm pivotably secured to the header and including a first portion configured to support the cutterbar and a second portion including a torsion device connected to an adjustment assembly the second portion configured to be pivotably rotatable about an axis by the adjustment assembly to selectably increase or decrease a force applicable to the first portion in order to raise or lower the first portion with respect to the header. The adjustment assembly includes a second arm interconnecting the torsion device and a first adjustment device having a first segment the first adjustment device configured to movably receive a second adjustment device. The first segment follows a predetermined path in a first or second direction with respect to the axis in response to movement of the second adjustment device with respect to the first adjustment device.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8354/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/09/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : VEHICLE VIDEO RECORDER

(51) International classification :B60B 25/10
(31) Priority Document No :201110059639.3
(32) Priority Date :11/03/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/074309
Filing Date :19/05/2011
(87) International Publication No : NA
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)STEELMATE CO. LTD
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Guangdong province P.R. China 528425
(72)Name of Inventor :
1)LI Zhitao

(57) Abstract :

THE PRESENT INVENTION PROVIDES A VEHICLE VIDEO RECORDER, WHICH INCLUDES: A HUMAN SENSING DEVICE(4), WHICH IS UTILIZED FOR GENERATING A FIRST SIGNAL WHEN HUMAN GETS CLOSE TO IT; AN ACCELERATION SENSOR(5), WHICH IS UTILIZED FOR GENERATING A SECOND SIGNAL WHEN AN OPERATION ON THE VEHICLE IS DETECTED; A PHOTOGRAPHING DEVICE(3); A CONTROL UNIT(1), WHICH DRIVES THE PHOTOGRAPHING DEVICE(3) TO PERFORM AN AUTOMATIC HUMAN DETECTION AND FACE IDENTIFICATION IN A FLAMEOUT STATE OF THE VEHICLE WHEN THE FIRST OR SECOND SIGNAL SATISFYING THE PREDETERMINED CONDITION IS RECEIVED, STORES THE PHOTOGRAPHING DATA AS SPECIAL DATA IN A FIRST SUB-AREA(21) AFTER THE IDENTIFICATION IS SUCCESSFULLY DONE, AND JUDGES WHETHER THE SECOND SIGNAL SATISFYING THE PREDETERMINED CONDITION EXISTS WHEN A START STATE OF THE VEHICLE IS DETECTED, IF YES, STORES THE PHOTOGRAPHING DATA AS SPECIAL DATA IN THE FIRST SUB-AREA(21), IF NO, STORES THE PHOTOGRAPHING DATA AS REGULAR DATA IN A SECOND SUB-AREA(22); A MEMORY(2), WHICH IS UTILIZED FOR STORING THE SPECIAL DATA. THE INVENTION IMPLEMENTS ACQUISITION, STORAGE AND SAFE TRANSMISSION OF THE PHOTOGRAPHING DATA CARRYING FACE INFORMATION OF HUMAN CLOSE TO THE VEHICLE BY UTILIZING THE MICROWAVE SENSOR, THE ACCELERATION SENSOR(5) AND THE PHOTOGRAPHING DEVICE(3).

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8531/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/09/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : DRINK CAN CLOSURE ELEMENT

(51) International classification	:B65D 51/28
(31) Priority Document No	:10 2010 010 013.7
(32) Priority Date	:03/03/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/053227
Filing Date	:03/03/2011
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)WB INNOVATIONS LIMITED
Address of Applicant :69 Great Hampton Street Birmingham
B18 6EW United Kingdom
(72)**Name of Inventor :**
1)BRANDTNER Wladimir

(57) Abstract :

THE INVENTION RELATES TO A DRINK CAN CLOSURE ELEMENT (10) COMPRISING A COVER ELEMENT (12) WHICH IS TO BE PLACED IN AN OPENING OF A DRINK CAN (30), AND A LOCKING MECHANISM (16) WHICH IS EMBODIED AND/OR ARRANGED ON THE COVER ELEMENT (12), SAID LOCKING MECHANISM BEING EMBODIED AND/OR ARRANGED IN SUCH A MANNER THAT THE DRINK CAN CLOSURE ELEMENT (10) ARRANGED IN AN OPENING OF A DRINK CAN (30) CAN BE CLOSED IN AN OPENING OF A DRINK CAN (30). THE COVER ELEMENT (12) IS DESIGNED AND ARRANGED IN SUCH A MANNER THAT, WHEN THE DRINK CAN CLOSURE ELEMENT (10) IS IN AN OPENING OF THE DRINK CAN (30), SAID COVER ELEMENT (12) CAN BE ELASTICALLY DEFORMED BETWEEN AT LEAST TWO STATES. SAID LOCKING MECHANISM (16) IS EMBODIED AND ARRANGED ON THE COVER ELEMENT (12) IN SUCH A MANNER THAT, IN AT LEAST ONE OF THE AT LEAST TWO STATES OF THE COVER ELEMENT (12), SAID LOCKING MECHANISM (16) IS ARRANGED FURTHER INWARDS IN THE RADIAL DIRECTION IN RELATION TO THE COVER ELEMENT (12) THAN IN AT LEAST ONE OTHER OF THE AT LEAST TWO STATES OF THE COVER ELEMENT (12).

No. of Pages : 179 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8351/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :24/09/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : portable therapeutic gas dispensing device

(51) International classification :A61M 11/00

(31) Priority Document No :61/310,117

(32) Priority Date :03/03/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/026979

Filing Date :03/03/2011

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)CAPNIA INC.

Address of Applicant :2445 Faber Place Suite 250 Palo Alto
CA 94303-3348 United States of America.

(72)Name of Inventor :

1)GILBERT Scott Jay

(57) Abstract :

Described here are hand-held dispensers for intranasally delivering a therapeutic gas such as carbon dioxide to a user. The dispensers generally include a compressed gas cylinder a pierce pin block a valve a regulator tube and a nosepiece. The regulator tube regulates both the pressure and flow of the gas out of the dispenser.

No. of Pages : 17 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8525/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/09/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : VACUUM PUMP

(51) International classification :F04C 29/00
(31) Priority Document No :2010-083699
(32) Priority Date :31/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/058656
Filing Date :30/03/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)Other than natural person NABTESCO AUTOMOTIVE CORPORATION
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(72)Name of Inventor :
1)YOSHIHIRO MITSUHASHI
2)KATSUNORI TANAKA
3)HIROYUKI MURAKAMI
4)KOUJI TAKAHASHI
5)TAKU KAWAKAMI
6)ICHIRO MINATO

(57) Abstract :

DISCLOSED IS A VACUUM PUMP WHICH CAN REDUCE NOISE AND VIBRATIONS WITHOUT AN INCREASE IN SIZE, AND WHICH CAN MAINTAIN HEAT DISSIPATION PROPERTIES WHILE THE SIZE OF THE CASING IS REDUCED. IN ORDER TO DO SO, AT LEAST ONE FOLDING SECTION IS PROVIDED IN AN EXHAUST CHANNEL FORMED IN A CASING MAIN BODY. ALSO, THE CASING MAIN BODY IS FORMED FROM A MATERIAL HAVING A HIGHER THERMAL CONDUCTIVITY THAN A ROTOR AND A VANE, AND A CYLINDER UNIT, IN WHICH THE VANE SLIDES, IS PRESS FITTED INTO THE CASING MAIN BODY.

No. of Pages : 114 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8511/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/09/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : LAMINATION OF ELECTROCHROMIC DEVICE TO GLASS SUBSTRATES

(51) International classification :B32B 17/10

(31) Priority Document No :61/311001

(32) Priority Date :05/03/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/027148

Filing Date :04/03/2011

(87) International Publication No :WO 2011/109688

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SAGE ELECTROCHROMICS INC.

Address of Applicant :One Sage Way Faribault MN 55021

U.S.A.

(72)Name of Inventor :

1)MCCOY Michael A.

2)SBAR Neil L.

3)VAN DINE John E.

(57) Abstract :

Electrochromic device laminates (29) and their methods of manufacture are disclosed.

No. of Pages : 61 No. of Claims : 77

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8106/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/09/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : CONTROL SYSTEM FOR SAFE FUELING OF VEHICLES

(51) International classification	:B67D7/34,B67D7/04	(71)Name of Applicant :
(31) Priority Document No	:61/304,931	1)PATTERSON Gordon Ian
(32) Priority Date	:16/02/2010	Address of Applicant :22 William Street Sharon Ontario L0G
(33) Name of priority country	:U.S.A.	1V0 Canada
(86) International Application No	:PCT/IB2011/050628	2)PATTERSON Ashleigh Laura
Filing Date	:15/02/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2011/101783	1)PATTERSON Gordon Ian
(61) Patent of Addition to Application	:NA	2)PATTERSON Ashleigh Laura
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fuel dispensing system includes an RFID reader attached to a fuel nozzle which is adapted to wirelessly communicate with an RFID transponder and a controller adapted to: (a) initiate dispensing of fuel in response to at least two of the following initiation conditions: (i) an authorized customer; (ii) an authorized vehicle; (iii) an authorized fuel tank; and (iv) an authorized fuel; and (b) terminate dispensing of fuel upon a first occurrence of at least one of the following termination conditions: (i) interruption of communication between the RFID reader and the RFID transponder; (ii) filling to maximum capacity of the tank; (iii) complete depletion of authorized funds; and (iv) filling to a preset limit. A method of conducting a fuel dispensing transaction is also described.

No. of Pages : 34 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8115/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/09/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : MEDICAMENT DISPENSER DEVICE

(51) International classification	:B05D 7/24
(31) Priority Document No	:1003273.8
(32) Priority Date	:26/02/2010
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2011/050350
Filing Date	:23/02/2011
(87) International Publication No	:WO 2011/104539
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PORTAL MEDICAL LTD

Address of Applicant :Unit 37 Evans Business Centre Chester
West Employment Park Minerva Avenue Sovereign Way Chester
Cheshire CH1 4QL U.K.

(72)Name of Inventor :

1)BROMLEY DAVENPORT Darren

2)STEVENSON Paul

(57) Abstract :

According to the invention there is provided a dispenser device for dispensing a medicament the device including at least one metallic component having at least one non metallic surface which comes into contact with the medicament during storage or use of the device in which said non metallic surface has an interface with the underlying metallic component which substantially comprises metal fluoride and/or metal carbide moieties.

No. of Pages : 28 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8116/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/09/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD OF MANUFACTURING A MEDICAMENT DISPENSER DEVICE

(51) International classification :B05D 7/24
(31) Priority Document No :1003275.3
(32) Priority Date :26/02/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/050352
Filing Date :23/02/2011
(87) International Publication No :WO 2011/104541
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BROMLEY DAVENPORT Darren
2)STEVENSON Paul

(57) Abstract :

According to the invention there is provided a method of treating a component of a medicament dispenser device the component having one or more surfaces which come into contact with the medicament during storage or use of the device the method including the steps of: providing said component; and coating at least one of said surfaces by plasma deposition thereby to inhibit surface deposition or degradation of the medicament wherein at least part of the plasma deposition is performed under DC bias control.

No. of Pages : 21 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8545/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/09/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : DISPENSER FOR HIGHLY VISCOUS FLUID

(51) International classification	:B05C 5/02
(31) Priority Document No	:2010-046768
(32) Priority Date	:03/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/053309
Filing Date	:09/02/2011
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Dow Corning Toray Co. Ltd.
Address of Applicant :5-1 Otemachi 1-chome Chiyoda-ku
Tokyo 1000004 Japan
(72)**Name of Inventor :**
1)IMAIZUMI Toru
2)OZAKI Kouichi

(57) Abstract :

The present invention relates to a dispenser for discharging a highly viscous fluid which possesses a viscosity ranging from 10 to 1 000 Pa.s at 25°C and contains filler particles the dispenser comprising: (i) a highly viscous fluid-supply part equipped with a container containing said highly viscous fluid and possessing an outlet of said highly viscous fluid a plunger capable of discharging said highly viscous fluid from said outlet by pressing said highly viscous fluid contained in said container and a servomotor driving said plunger; and

No. of Pages : 18 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8209/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :19/09/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : PACKAGE-CULLING CONVEYOR SYSTEM AND METHOD

(51) International classification :B65G 47/71

(31) Priority Document No :61/311,610

(32) Priority Date :08/03/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/027185

Filing Date :04/03/2011

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)LAITRAM L.L.C.

Address of Applicant :Legal Department 200 Laitram Lane
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(72)Name of Inventor :

1)Matthew L. FOURNEY

2)Stephen G. WARGO

3)Eric M. PRESSLER

4)John M. DUNLOP

(57) Abstract :

A package-culling conveyor system and a method for culling flat packages from a bulk flow of flat and non-flat packages. The conveyor system includes a tilted conveyor belt conveying flat packages while non-flat packages tumble off its lower side. A high-friction conveying surface or a raised barrier along the length of the conveying surface of the tilted conveyor belt holds flat packages on the tilted belt. The separated packages are more fully culled in a conveyor comprising a roller conveyor belt with belt rollers rotated in a direction to push packages sidewise toward a culling element that extends along the beltTMs length. Culling elements include powered rollers or vertical walls forming side guards. The culling elements block the non-flat packages from exiting off the side of the belt so that they are conveyed off the end of the belt separate from the flat packages.

No. of Pages : 18 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8474/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/09/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : TYRE TREAD HAVING INCISIONS

(51) International classification	:B60C 11/12
(31) Priority Document No	:1052392
(32) Priority Date	:31/03/2010
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2011/054065
Filing Date	:17/03/2011
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN

Address of Applicant :12 cours Sablon 63000 CLERMONT-FERRAND France

2)MICHELIN RECHERCHE ET TECHNIQUE S.A.

(72)Name of Inventor :

1)MARIE-CLAUDE PALGEN

(57) Abstract :

A TYRE TREAD COMPRISING A PLURALITY OF RELIEF ELEMENTS (10) DELIMITED BY CUTS, AT LEAST ONE OF THESE RELIEF ELEMENTS (10) COMPRISING AN INCISION (2) HAVING A MAXIMUM DEPTH (H) AT LEAST EQUAL TO THE THICKNESS OF THE TREAD, THIS INCISION (2) EXTENDING IN A MAIN DIRECTION DETERMINED BY THE ENDS OF THE LINE OF THE INCISION ON THE ROLLING SURFACE IN THE NEW STATE AND A SECONDARY DIRECTION EXTENDING IN THE THICKNESS OF THE TREAD, THIS INCISION BEING FORMED BY A FIRST PART (21) AND A SECOND PART (22), THE FIRST INCISION PART (21) EXTENDING IN THE SECONDARY DIRECTION BETWEEN THE CONTACT SURFACE (15) IN THE NEW STATE AND A DEPTH (H1) AT LEAST EQUAL TO 40% OF THE MAXIMUM DEPTH (H) AND THE SECOND INCISION PART (22) EXTENDING THE FIRST PART (21) INTO THE THICKNESS OF THE TREAD, THIS SECOND PART (22) EXTENDING OVER A DEPTH (H2). THIS TREAD IS CHARACTERIZED IN THAT THE SECOND INCISION PART (22) COMPRISES, IN THE MAIN DIRECTION OF THE INCISION, AT LEAST ONE FIRST PORTION (221) AND AT LEAST ONE SECOND PORTION (222), THESE TWO PORTIONS EACH HAVING A LENGTH WHICH IS LESS THAN THE LENGTH (L), EACH FIRST PORTION (221) BEING FORMED BY AN INCISION COMPRISING AT LEAST TWO BRANCHES (51, 52) THAT ARE SPACED APART FROM ONE ANOTHER BY A MAXIMUM DISTANCE (D1), AND EACH SECOND PORTION (222), WHICH IS LOCATED IN LINE WITH A FIRST PORTION (221) IN THE MAIN DIRECTION OF THE INCISION, BEING SEPARATED FROM ANY FIRST PORTION.

No. of Pages : 21 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8475/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/09/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : DEVICE FOR FORMING DROPS IN A MICROFLUIDIC CIRCUIT

(51) International classification	:B81B 1/00
(31) Priority Document No	:10/01298
(32) Priority Date	:30/03/2010
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2011/050677
Filing Date	:28/03/2011
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ECOLE POLYTECHNIQUE
Address of Applicant :Route de Saclay 9 F-91128 Palaiseau
Cedex France
(72)**Name of Inventor :**
1)CHARLES BAROUD
2)R%MI DANGLA

(57) Abstract :

THE INVENTION RELATES TO A DEVICE (1) FOR FORMING DROPS IN A MICROFLUIDIC CIRCUIT, COMPRISING A CHAMBER (3) CONTAINING A FIRST FLUID AND DELIMITED BY TWO OPPOSITE WALLS (10, 11) WHICH DIVERGE FROM ONE ANOTHER IN AT LEAST ONE GIVEN DIRECTION, AND A MICROCHANNEL (8) WHICH CONTAINS A SECOND FLUID AND WHICH OPENS INTO A REGION UPSTREAM OF SAID CHAMBER (3) WITH RESPECT TO THE GIVEN DIRECTION, THE OUTLET OF THE MICROCHANNEL (8) INTO THE CHAMBER (3) CONSTITUTING A WIDENING OF THE PASSAGE SECTION FOR THE SECOND FLUID AND THIS WIDENING CAUSING THE FORMATION OF DROPS (14) OF THE SECOND FLUID WITHIN THE FIRST FLUID.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8476/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/09/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : LOCK, IN PARTICULAR GLASS DOOR LOCK, WITH POSITIONING PINS PROTRUDING FROM THE BROAD SIDE SURFACES OF THE LOCK HOUSING

(51) International classification	:E05B 9/00	(71)Name of Applicant :
(31) Priority Document No	:10 2010 016 166.7	1)DORMA GMBH + CO. KOMMANDITGESELLSCHAFT
(32) Priority Date	:26/03/2010	Address of Applicant :Dorma Platz 1 58256 Ennepetal
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/054046	(72)Name of Inventor :
Filing Date	:17/03/2011	1)HOLGER HERTH
(87) International Publication No	: NA	2)THORSTEN JUNG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

THE INVENTION RELATES TO A LOCK, IN PARTICULAR A GLASS DOOR LOCK, WITH CLOSURE ELEMENTS (3, 4) WHICH ARE ARRANGED BETWEEN A LOCK BASE (1) AND A LOCK COVER (2) OF A LOCK HOUSING AND CAN BE ACTUATED BY ROTATION OF A HANDLE FOLLOWER (5) AND/OR A KEY, AND WITH POSITIONING PROJECTIONS (7, 15) WHICH PROTRUDE FROM THE OUTSIDES OF THE LOCK BASE (1) AND LOCK COVER (2) AND ARE INTENDED FOR ENTRY INTO POSITIONING OPENINGS (29) OF A FITTING FASTENING PLATE (27, 28). IN ORDER TO IMPROVE THE LOCK IN TERMS OF INSTALLATION USING SIMPLE MEANS IN TERMS OF MANUFACTURING, IT IS PROPOSED THAT THE POSITIONING PROJECTIONS (7, 15) ARE EXTENSIONS OF A SPACER ELEMENT (6, 14) ARRANGED BETWEEN THE LOCK BASE (1) AND LOCK COVER (2), THE EXTENSIONS REACHING THROUGH OPENINGS (8, 9, 16, 17) IN THE LOCK FACE (1) AND LOCK COVER (2).

No. of Pages : 22 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8122/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :17/09/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : DIE PROCESS FOR PRODUCING DIE AND PROCESS FOR PRODUCING ANTIREFLECTION FILM

(51) International classification	:C25D 11/04
(31) Priority Document No	:2010-082955
(32) Priority Date	:31/03/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/056832
Filing Date	:22/03/2011
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SHARP KABUSHIKI KAISHA

Address of Applicant :22-22 Nagaike-cho Abeno-ku Osaka-shi Osaka 545-8522 Japan

(72)Name of Inventor :

1)MINOURA Kiyoshi

2)ISURUGI Akinobu

3)IHARA Ichirou

4)HAYASHI Hidekazu

5)NAKAMATSU Kenichiro

(57) Abstract :

PROVIDED IS A PROCESS FOR PRODUCING A DIE HAVING A POROUS ALUMINA LAYER ON THE SURFACE THEREOF, THE PROCESS BEING EFFECTIVE IN INHIBITING THE FORMATION OF PITS (DEPRESSIONS). THE PROCESS FOR PRODUCING A DIE FOR MOTH-EYE STRUCTURE FORMATION IS A PROCESS FOR PRODUCING A DIE WHICH HAS A POROUS ALUMINA LAYER (14) AS THE SURFACE THEREOF. THE PROCESS COMPRISES: THE STEP OF PREPARING A DIE BASE (10) WHICH COMPRISES AN ALUMINUM BASE (12) AND, DEPOSITED ON A SURFACE OF THE ALUMINUM BASE (12), AN ALUMINUM FILM (18) HAVING A PURITY OF 99.99 MASS% OR HIGHER; THE STEP OF ANODIZING THE SURFACE (18S) OF THE ALUMINUM FILM (18) TO THEREBY FORM A POROUS ALUMINA LAYER (14) HAVING A PLURALITY OF FINE RECESSES (14P); AND THE STEP OF BRINGING THE POROUS ALUMINA LAYER (14) INTO CONTACT WITH AN ETCHANT TO ENLARGE THE PLURALITY OF FINE RECESSES (14P) OF THE POROUS ALUMINA LAYER (14).

No. of Pages : 74 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8155/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :18/09/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : ABNORMALITY DIAGNOSIS DEVICE AND METHOD OF CELL BALANCING CIRCUIT

(51) International classification :G01R 31/36
(31) Priority Document No :10-2010-0015519
(32) Priority Date :22/02/2010
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/005308
Filing Date :12/08/2010
(87) International Publication No :WO 2011/102576
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)LG CHEM LTD.
Address of Applicant :20 Yoido-dong Youngdungpo-gu
Seoul 150-721 Republic of Korea.
(72)Name of Inventor :
1)LEE Sang-Hoon
2)LEE Dal-Hoon
3)KIM Jee-Ho

(57) Abstract :

Provided are an apparatus and a method for diagnosing an abnormality in a cell balancing circuit. The apparatus may include a floating capacitor charged with voltage of a battery cell a cell balancing circuit for discharging the floating capacitor a voltage measuring unit for measuring the battery cell voltage of the charged floating capacitor and a residual voltage of the discharged floating capacitor and a control unit for determining an abnormality in the cell balancing circuit based on the residual voltage of the discharged floating capacitor.

No. of Pages : 31 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8481/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/09/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : WIRE HARNESS AND METHOD OF MANUFACTURING SAME

(51) International classification :H01B 7/00
(31) Priority Document No :2010-076558
(32) Priority Date :30/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/067507
Filing Date :06/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Mie 510-8503 Japan
(72)**Name of Inventor :**
1)SHINICHI IGARASHI
2)HIROAKI MASUDA
3)NOBUMASA TAKIHARA
4)YASUNORI IMADA
5)MITSURU KURITA
6)YUKIHIRO SHIRAFUJI

(57) Abstract :

DISCLOSED IS WIRE HARNESS THAT INCLUDES A PROTECTIVE MEMBER WITH AN EXTRA-LENGTH ABSORBING FUNCTION, THAT HAS A SIMPLE STRUCTURE, AND THAT CAN BE EASILY MANUFACTURED. A WIRE HARNESS (1) INCLUDES A BUNDLE (12) OF ELECTRIC WIRES AND A PROTECTIVE MEMBER (21). THE PROTECTIVE MEMBER (21) IS FORMED OF HOT-FORMED NONWOVEN FABRIC. THE PROTECTIVE MEMBER (21) PARTIALLY COVERS THE PERIPHERY OF THE BUNDLE (12) OF ELECTRIC WIRES IN THE LONGITUDINAL DIRECTION, AND HAS A SPIRAL OR HELICAL SHAPE HAVING BENDS THAT ARE CONTINUOUSLY FORMED SO AS TO TURN AROUND IN THE LONGITUDINAL DIRECTION OR A MEANDERING SHAPE HAVING BENDS THAT ARE INTERMITTENTLY FORMED SO AS TO TURN AROUND IN THE LONGITUDINAL DIRECTION.

No. of Pages : 39 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8482/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :28/09/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : INFORMATION PROCESSING DEVICE, INFORMATION RECORDING MEDIUM, INFORMATION PROCESSING METHOD, AND PROGRAM

(51) International classification	:H04N 13/00
(31) Priority Document No	:2010-089449
(32) Priority Date	:08/04/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/057538
Filing Date	:28/03/2011
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SONY CORPORATION
Address of Applicant :1-7-1 Konan Minato-ku Tokyo
1080075 Japan
(72)**Name of Inventor :**
1)TOSHIYA HAMADA

(57) Abstract :

IN ORDER TO RECORD ATTRIBUTE INFORMATION WHICH DIFFERS ACCORDING TO THE ENCODING METHOD OF A 3D IMAGE, AND TO ACHIEVE A DATA RECORDING AND PLAYBACK CONFIGURATION, WHICH ACQUIRES ATTRIBUTE INFORMATION AND ENABLES DECODING THAT CORRESPONDS TO THE ENCODING METHOD, THE ENCODING METHOD OF A 3D IMAGE, WHICH IS CONTAINED IN DATA TO BE RECORDED TO A RECORDING MEDIUM, IS IDENTIFIED, AND THE ATTRIBUTE INFORMATION, WHICH IS TO BE RECORDED TO A MANAGEMENT INFORMATION FILE, IS CHANGED ACCORDING TO THE IDENTIFIED ENCODING METHOD, AND ATTRIBUTE INFORMATION UNIQUE TO EACH ENCODING METHOD IS RECORDED IN THE MANAGEMENT INFORMATION FILE. FOR EXAMPLE, IF THE ENCODING METHOD IS THE FRAME SEQUENTIAL METHOD, FRAME IDENTIFICATION DATA, WHICH INDICATES WHETHER THE FRAMES THAT CONSTITUTE A 3D IMAGE ARE A LEFT-EYE IMAGE (L IMAGE) OR A RIGHT-EYE IMAGE (R IMAGE), IS RECORDED AS ATTRIBUTE INFORMATION. THE PLAYBACK DEVICE ACQUIRES INFORMATION UNIQUE TO THE ENCODING METHOD FROM THE ATTRIBUTE INFORMATION, AND IS ABLE TO PERFORM DECODING CORRESPONDING TO THE ENCODING METHOD WITHOUT ERROR.

No. of Pages : 168 No. of Claims : 17

(54) Title of the invention : DIRECTIONAL ELECTROMAGNETIC STEEL PLATE AND METHOD FOR MANUFACTURING SAME

(51) International classification	:C21D 8/12	(71)Name of Applicant :
(31) Priority Document No	:2010-085457	1)NIPPON STEEL & SUMITOMO MOTAL CORPORATION
(32) Priority Date	:01/04/2010	Address of Applicant :6-1 Marunouchi 2-chome Chiyoda-
(33) Name of priority country	:Japan	ku Tokyo 100-8071 Japan
(86) International Application No	:PCT/JP2011/057883	(72)Name of Inventor :
Filing Date	:29/03/2011	1)TATSUHIKO SAKAI
(87) International Publication No	: NA	2)HIDEYUKI HAMAMURA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A METHOD FOR MANUFACTURING A DIRECTIONAL ELECTROMAGNETIC STEEL PLATE, GROOVES WHICH EXTEND IN DIRECTIONS INCLUDING A DIRECTION PERPENDICULAR TO THE CONVEYING DIRECTION OF THE DIRECTIONAL ELECTROMAGNETIC STEEL PLATE AND HAVE A PREDETERMINED LENGTH ARE FORMED AT PREDETERMINED INTERVALS IN THE CONVEYING DIRECTION BY APPLYING A LASER BEAM TO THE SURFACE OF THE DIRECTIONAL ELECTROMAGNETIC STEEL PLATE WHILE SCANNING THE LASER BEAM OVER THE SURFACE THEREOF. FURTHER, IN THE METHOD FOR MANUFACTURING THE DIRECTIONAL ELECTROMAGNETIC STEEL PLATE, THE LASER BEAM IS A CONTINUOUS-WAVE LASER BEAM WITH A LASER WAVELENGTH (λ) OF 1.0-2.1 μ m INCLUSIVE, THE POWER DENSITY (PD) [W/MM²] OBTAINED BY DIVIDING THE LASER BEAM INTENSITY (P) BY THE FOCUSED BEAM AREA (S) IS 5—105 W/MM² OR MORE, AND THE POWER DENSITY (PD) [W/MM²] AND THE SCAN SPEED (V) [MM/S] OF THE FOCUSED SPOT OF THE LASER BEAM ON THE SURFACE OF THE DIRECTIONAL ELECTROMAGNETIC STEEL PLATE SATISFY $0.005 \leq PD+3000=V \leq 0.005 \leq PD+40000$.

No. of Pages : 45 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2232/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :25/09/2009

(43) Publication Date : 11/07/2014

(54) Title of the invention : A PROCESS FOR PREPARATION OF LACOSAMIDE AND NOVEL POLYMORPHS OF LACOSAMIDE

(51) International classification	:C07C231/12, C07C231/18, A01N37/18	(71) Name of Applicant : 1)CADILA HEALTHCARE LIMITED Address of Applicant :ZYDUS TOWER, SATELLITE CROSS ROADS, AHMEDABAD - 380 015, GUJARAT, INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)PANDEY BIPIN
(33) Name of priority country	:NA	2)SHAH KALPESH
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to improved processes for the preparation of lacosamide. The invention also relates to a novel intermediate useful in the preparation of lacosamide. The invention also relates to process for the purification of lacosamide.

No. of Pages : 58 No. of Claims : 59

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2419/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :15/10/2009

(43) Publication Date : 11/07/2014

(54) Title of the invention : SYNERGISTIC ANTIBACTERIAL FORMULATION AND METHOD OF MAKING THE SAME

(51) International classification	:A61P1/14, A61P1/00, A61K35/74
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:178/MUM/2004
Filed on	:16/02/2004
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SANJEEV KHANDELWAL

Address of Applicant :PREM NIVAS,13, ALTAMOUNT
ROAD, MUMBAI 400 026, MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)SANJEEV KHANDELWAL

2)PRATIBHA OMRAY

(57) Abstract :

A synergistic antibiotic formulation comprising: a penicillinase resistant penicillin in an amount of about 30 to 75 % by mass of the total formulation, 60 to 90 % of the penicillinase resistant penicillin being sustained release, the remaining penicillinase resistant penicillin being immediate release together with cetixime trihydrate in an amount of about 15 to 40 % of the total mass of penicillinase resistant penicillin and lactobacillus sporogenes in amount of about 05 to 4 % of the total mass of penicillinase resistant penicillin and pharmaceutically acceptable excipients.

No. of Pages : 37 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3491/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :11/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : AN ISOLATOR GEAR&NBSP; A COMPOSITION OF VIBRATION ISOLATOR USED IN ISOLATOR GEAR AND METHODS THEREOF

(51) International classification	:F16F7/02, F16F15/08, F16F1/36	(71)Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :Bombay House 24 Homi Mody Street Hutatma Chowk Mumbai 400 001 MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)ANANDAN SIVAKUMAR
(33) Name of priority country	:NA	2)RAGHAVENDRA GOPAL
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to gear systems, more particularly relates to gear designs comprising a vibration isolator in the gears for reducing vibrations and noise propagation during its operation. The present disclosure also relates to a composition of the vibration isolator used in the isolator gear and a method of preparing the composition.

No. of Pages : 27 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3492/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :11/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : TERMINAL APPARATUS WITH DRM DECODING FUNCTION AND DRM DECODING METHOD IN TERMINAL APPARATUS

(51) International classification	:G06F21/02, G06F21/00	(71) Name of Applicant : 1)INKA ENTWORKS, INC Address of Applicant :16, HANGANG-DAERO 44-GIL, YONGSAN-GU, SEOUL, 140872, REPUBLIC OF KOREA (KR).
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ANH, SUNG MIN.
(87) International Publication No	: NA	2)PARK, JUNG GEUN.
(61) Patent of Addition to Application Number	:NA	3)HONG, JIN SEON.
Filing Date	:NA	4)AN, WOON SANG.
(62) Divisional to Application Number	:NA	5)LEE, SUNG WOO.
Filing Date	:NA	

(57) Abstract :

Provided is a terminal apparatus with a DRM decoding function and a DRM decoding method in a terminal apparatus. The terminal apparatus with a DRM decoding function comprises a native unit which is provided with a local file memory for storing DRM media content data and an application program for driving a media device player using an operating system; and a DRM decoding unit which reads the DRM media content data from the local file memory using a URL path for web server, when it is required from the application program to reproduce the DRM media content data, and decodes the read DRM media content data, and provides the decoded DRM media content data to the media device player. Therefore, it is possible to reproduce the DRM media content data in the terminal apparatus without the exclusive DRM decoding module.

No. of Pages : 29 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3493/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :11/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : A PIN TUMBLER TYPE LOCKING UNIT BEING USED FOR FURNITURE

(51) International classification	:A47B87/00, F16B12/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GODREJ & BOYCE MFG. CO. LTD.

Address of Applicant :LOCKS DIVISION (PLANT-18)
PIROJSHANAGAR, VIKHROLI, MUMBAI - 400 079
MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)THOTTUVAI SIVASUBRAMANI MURALI

(57) Abstract :

The present invention provides a pin tumbler type locking unit being used for furniture comprising: a. a locking assembly (100) comprising locking cylinder (6), locking cylinder housing (7) being adopted to rotatably receive the locking cylinder (6), plurality of driving and operating pins set and a cylinder holder (3) being adapted to firmly accommodate the locking cylinder housing(7); b. a locking bolt (2) having body (2b) and a pair of wings (2a), the body (2b) comprises of plurality of depressions (2e) and protrusions (2f); c. a lock body (1) having top surface (1T) and bottom surface (1B), the top surface (1T) being closed and bottom surface (1B) being open, the top surface (1T) comprises a flat portion (1j) to receive the body (2b) of the locking bolt (2), the lock body (1) further comprises a pair of openings (1a, 1d) to slidably receive the wings (2a) of the locking bolt (2); d. a cover plate (8) to cover the bottom surface (1B) of the lock body (1) by means of fixing means, e. the key (9) having head (9f), cylindrical body (9a) and tail (9t), and f. a receptacle (10) being fixed on fix frame or door and adapted to slidably receive the wing (2a) of locking bolt (2)., wherein the clockwise rotation of key (9) initiates rotation of the locking cylinder (6) and further rotation of key (9) pushes the wings (2a) of locking bolt (2) towards receptacle (10) through opening (1a) and the 360° rotation of key (9) permits complete extension of the wing (2a) of the locking bolt (2).

No. of Pages : 21 No. of Claims : 8

(54) Title of the invention : THE BLUE SYSTEM FOR ENERGY GENERATION THAT CAN EXCEED CARNOT EFFICIENCY.

(51) International classification	:F01K25/06, F01K21/04	(71) Name of Applicant : 1)ABHIJIT PEDNEKAR Address of Applicant :A/2 PHILLIP TOWER, HOLY CROSS ROAD EXTN., BORIVALI - (W), MUMBAI - 400 103, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)ABHIJIT PEDNEKAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a Spray Fluid Bed Cooler consists of cooling chamber (1) having a fluid bed (2) at bottom. A Cyclone separator (3) provided to the air out let at top of the chamber. An air circulation blower (4) through Air cooler (5) connected to first air inlet in the fluid bed bottom Fluid Bed air distribution plate (6) and a bottom air jet (7) located in the fluid bed centre. A second air inlet at top air jet (8); a perforated plate (10) provided at top for taking out air from cooling chamber. A spray nozzle for hot liquid spraying provided at top centre of cooling chamber so as to produce spray surrounded by jet of cold air which has path concurrent with sprayed liquid where as air from fluid bed and bottom air jet flows in counter current with sprayed liquid; a hot water jacketed. A feed tank (11) for hot liquid provided with feed pumps (12). The feed pipeline from the feed tank out let to the said spray nozzle jacketed for hot water circulation. The control means for the air velocities in the cooling chamber (1) and fluid bed (2) to be maintained in such a way that particles of desired size only fall down on fluid bed (2) while all fines are carried over with air. A weir pipe (17) at bottom centre of fluid bed with rotary valve (14) at out let for discharging cooled granules. The bottom outlet of said cyclone joined to the pipe leading to the second air inlet.

No. of Pages : 10 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3550/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :18/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : BARIUM ZIRCONIUM OXIDE (BAZRO3.BACO3) NANOPARTICLES

<p>(51) International classification :G21F3/00, A61Q17/04, G21F1/06</p> <p>(31) Priority Document No :NA</p> <p>(32) Priority Date :NA</p> <p>(33) Name of priority country :NA</p> <p>(86) International Application No :NA</p> <p>Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA</p> <p>Filing Date :NA</p> <p>(62) Divisional to Application Number :NA</p> <p>Filing Date :NA</p>	<p>(71)Name of Applicant : 1)CENTRE FOR MATERIALS FOR ELECTRONICS TECHNOLOGY (C-MET) Address of Applicant :PANCHAWATI, OFF PASHAN ROAD, PUNE - 411 008, MAHARASHTRA, INDIA. 2)SECRETARY, DEPARTMENT OF ELECTRONICS AND INFORMATION TECHNOLOGY (DEITY)</p> <p>(72)Name of Inventor : 1)KALE BHARAT B 2)KULKARNI MILIND V. 3)PANMAND RAJENDRA P. 4)KAWADE UJJWALA V. 5)APTE SANJAY K 6)NAIK SONALI D. 7)AMBEKAR JALINDAR D. 8)SONAWANE RAVINDRA S. 9)MARIMUTTHU R. 10)AMLANERKAR DINESH P. 11)SHROFF NILOFER 12)CHATTERJEE SANDIP</p>
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(57) Abstract :

The present disclosure provides nanoparticles of barium zirconium oxide (BaZr03.BaC03) and a process for preparation thereof. The present disclosure further provides a coating formulation that chiefly comprises the BaZr03.BaC03 nanoparticles along with its method of preparation. Still further, the present disclosure provides X-ray retardant articles and an X-ray retardant preparation for topical application.

No. of Pages : 25 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/12/2012

(21) Application No.3551/MUM/2012 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : X-RAY SHIELDING MATERIAL AND METHOD OF PREPARATION THEREOF

(51) International classification	:B01J27/04, B82Y30/00	(71)Name of Applicant : 1)CENTRE FOR MATERIALS FOR ELECTRONICS TECHNOLOGY (C-MET) Address of Applicant :PANCHAWATI, OFF PASHAN ROAD, PUNE - 411 008, MAHARASHTRA, INDIA. 2)SECRETARY, DEPARTMENT OF ELECTRONICS AND INFORMATION TECHNOLOGY (DEITY)
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)KALE BHARAT B
(33) Name of priority country	:NA	2)KULKARNI MILIND V.
(86) International Application No	:NA	3)PANMAND RAJENDRA P.
Filing Date	:NA	4)KAWADE UJJWALA V.
(87) International Publication No	: NA	5)APTE SANJAY K
(61) Patent of Addition to Application Number	:NA	6)NAIK SONALI D.
Filing Date	:NA	7)AMBEKAR JALINDAR D.
(62) Divisional to Application Number	:NA	8)SONAWANE RAVINDRA S.
Filing Date	:NA	9)AMLANERKAR DINESH P.
		10)SHROFF NILOFER
		11)CHATTERJEE SANDIP

(57) Abstract :

The present disclosure relates to a process for synthesis of barium bismuth sulfide nanofibers, having equivalent shielding capacity as lead. The present disclosure also relates to a radiation shielding articles and cosmeceuticals.

No. of Pages : 20 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3552/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :18/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : AN IMPROVED PROCESS OF PREPARING (S, S)-2, 8-DIAZABICYCLO [4.3.0] NONANE

(51) International classification	:C07D471/04, C07D471/00	(71)Name of Applicant : 1)ENALTEC LABS PRIVATE LIMITED Address of Applicant :17TH FLOOR, KESAR SOLITAIRE, PLOT NO.5, SECTOR-19, SANPADA, NAVI MUMBAI PIN CODE: 400 705 Maharashtra India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BOBBA VENKATA SIVAKUMAR
(87) International Publication No	: NA	2)KODALI ESWARA RAO
(61) Patent of Addition to Application Number	:NA	3)GIRISH BANSILAL PATEL
Filing Date	:NA	4)SANJAY DASHRATH VAIDYA
(62) Divisional to Application Number	:NA	5)ALOK PRAMOD TRIPATHI
Filing Date	:NA	

(57) Abstract :

The present invention provides substantially pure compound of structural formula XXXII and compound of structural formula XXXIV. wherein, P is benzyl, or substituted benzyl, alkyl sulfonyl, aryl sulfonyl or substituted aryl sulfonyl group

No. of Pages : 21 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3556/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :18/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : SYSTEM AND METHOD OF CONTROLLING OPERATION OF ELECTRIC DEVICE

(51) International classification	:H02J3/14	(71)Name of Applicant :
(31) Priority Document No	:2011-281944	1)Kabushiki Kaisha Toshiba
(32) Priority Date	:22/12/2011	Address of Applicant :1-1 Shibaura 1-chome Minato-ku
(33) Name of priority country	:Japan	Tokyo 105-8001 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Shinya NAOI
(87) International Publication No	: NA	2)Yasuhiro NORO
(61) Patent of Addition to Application Number	:NA	3)Toshimitsu KUMAZAWA
Filing Date	:NA	4)Genki KIYA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for controlling an electric device operation includes a plurality of electric devices managed by a consumer associated with a power system and a plurality of control devices for controlling an operation of the electric devices. The system includes an operation time calculation unit configured to calculate a start time of an operation of increasing or decreasing power received from the plurality of electric devices based on a control command for requesting an increase or decrease of power received from the power system such that the start time is different for each of the electric devices. Each of the control devices executes an operation of increasing or decreasing reception power at an operation start time different for each of the electric devices as a result of calculation of the calculation unit.

No. of Pages : 60 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1810/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :22/06/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : OPTIMIZING GENE SEQUENCE ALIGNMENT IN CLOUD

(51) International classification	:C12Q1/68	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :Nirmal Building 9th Floor Nariman
(33) Name of priority country	:NA	Point Mumbai 400021 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Vijayakumar Senthilkumar
(87) International Publication No	: NA	2)Bhargavi Anjani
(61) Patent of Addition to Application Number	:NA	3)Ahamed Syed Azar
Filing Date	:NA	4)Praseeda Uma
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and systems for gene sequencing are described. An input sequence file including an input gene sequence is received. The input sequence file is segmented into a plurality of segmented sequence files (114) having portions of the input gene sequence (116). The plurality of segmented sequence files (114) are analyzed using gene sequencing techniques with respect to a plurality of reference gene sequences to generate an alignment score each of the plurality of segmented sequence files. Based on the alignment score, a plurality of reduced documents having the alignment score of the one or more segmented sequence files having a common portion of the input gene sequence are generated. Based on the plurality of reduced documents, a final document indicative of a degree of alignment of the input gene sequence is determined.

No. of Pages : 30 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3213/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :05/11/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : SWITCH FOR USE IN A VEHICLE

(51) International classification	:H01H35/14, H01H1/18
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MINDA INDUSTRIES LIMITED

Address of Applicant :Village Nawada Fatehpur P.O.
Sikanderpur Badda Distt. Gurgaon Haryana 122004
MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)AMOL ASHOK SHINDE

2)JITENDRA KUMAR SAINI

3)SATYANARAYAN TIWARI

4)JAYANTI PADAYA

(57) Abstract :

The present invention provides a switch for use in a vehicle. The switch comprises knob, carrier sub assembly, cover sub assembly, bracket, moving electrical contacts, fixed electrical contacts, resilience means in a proper sealed design of bracket and cover assembly so as to eliminate the entry of the foreign particles or water. The carrier sub assembly is configured to rotate around a pivot. The pivot extending from either surfaces of the carrier sub assembly to have a first and a second profile. The first profile is cylindrical in shape and the second profile is rectangular in shape such that the rectangular shaped sides are inwardly curved. The carrier sub assembly comprising one or more moving electrical contacts being supported by resilience means located at first surface of the carrier sub assembly. The cover sub assembly and bracket encapsulate the carrier sub assembly pivotally by accommodating the first profile of the carrier sub assembly. The knob engages with carrier by means engagement of second profile of carrier sub assembly and receiving means provided in the knob.

No. of Pages : 22 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/11/2012

(21) Application No.3216/MUM/2012 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARATION OF GADOBENATE DIMEGLUMINE

(51) International classification	:C07C229/36, A61K31/197, C07C227/00	(71)Name of Applicant : 1)EMCURE PHARMACEUTICALS LIMITED Address of Applicant :EMCURE HOUSE, T-184, M.I.D.C., BHOSARI, PUNE-411026, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)GURJAR MUKUND KESHAV
(33) Name of priority country	:NA	2)MAHALE RAJENDRA DAGESING
(86) International Application No	:NA	3)CHASKAR SUDHIR PANDITRAO
Filing Date	:NA	4)PATIL KIRAN EKANATH
(87) International Publication No	: NA	5)MAIKAP GOLAKCHANDRA SUDARSHAN
(61) Patent of Addition to Application Number	:NA	6)MEHTA SAMIT SATISH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a convenient and cost-effective process for preparation of 4-carboxyl-5,8,11-tri(carboxymethyl)-l-phenyl-2-oxa-5,8,11-triazatridecan-13-oic acid (BOPTA), which is the key intermediate in the synthesis of Gadobenate dimeglumine. The process comprises reaction of tertiary-butylcarboxymethyl substituted diethylenetriamines with tertiary butyl (3-benzylbxy-2-bromo)propionate, alkylation of the resulting amine with tertiary butyl bromoacetate, followed by deprotection of the tertiary butyl group and isolation to give BOPTA (I) having desired purity.

No. of Pages : 15 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.363/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :08/08/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : PHYSICAL VAPOUR DEPOSITION STATION

(51) International classification	:C23C 16/511	(71)Name of Applicant : 1)MILMAN THIN FILM SYSTEMS PVT. LTD.
(31) Priority Document No	:NA	Address of Applicant :VISHWACHHAYA INDUSTRY
(32) Priority Date	:NA	ROAD, GAT NO. 322/A/1 & 2, PIRANGUT, TALUKA
(33) Name of priority country	:NA	MULSHI, PUNE 412111, MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. MANDAR S. ASHTIKAR
(87) International Publication No	:N/A	2)DR. MILIND G. ACHARYA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is directed towards a physical vapor deposition station rendered novel in its miniature scale of operations and interchangeability of components to achieve amongst a plurality of vapor deposition methodologies and and surface treatment techniques available. Also disclosed is its distributed control and management using specific combination of instructional content integrated into a base station and removable flash drives at disposal of the operator.

No. of Pages : 28 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2043/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :07/09/2009

(43) Publication Date : 11/07/2014

(54) Title of the invention : GENERATION OF ENVIRONMENT FRIENDLY ENERGY THROUGH LINEAR MOTION BY USING BLOWERS AND AIR MOTOR

(51) International classification	:F03D3/00, F03D11/04,F03D9/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SANTOSH ARVIND PRADHAN

Address of Applicant :ARUNODAYA', PLOT NO. 51,
PIONEER HOUSING SOCIETY, SWAWLAMBI NAGAR,
NAGPUR 440025 Maharashtra India

(72)Name of Inventor :

1)SANTOSH ARVIND PRADHAN

(57) Abstract :

A mechanism which is useful for making clean and environment friendly generation of electricity is disclosed. The Blower driven machine 11 is placed at the top of the Railway passenger bogie 3 for the generation of high pressurized Air. Galvanized reinforcement structure 8 and Blower driven Air generating machine 7 is placed along the Railway track 1 to generate the Air and subsequently it is being collected in M.S.tanks 15 and later on with the help of Air and Air motor 16, electricity is being made.

No. of Pages : 27 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(21) Application No.502/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/03/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : NOVEL PHENOXYISOBUTYRIC ACID COMPOUNDS AND METHODS FOR SYNTHESIS

(51) International classification :C07C233/00,C07C217/18,A61K31/165
(31) Priority Document No :61/403534
(32) Priority Date :17/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/001890
Filing Date :09/11/2011
(87) International Publication No :WO 2012/050623
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CELL VIABLE CORPORATION
Address of Applicant :434.5 Goldenrod Avenue Corona Del Mar CA 92625 U.S.A.
(72)Name of Inventor :
1)LALEZARI Iraj
2)FABRICANT Jill

(57) Abstract :

The present invention provides a process for the synthesis of substituted phenoxymethylpropionic acid and related compounds. The compounds are useful for inhibiting the formation of AGEs (Advanced Glycation End Products).

No. of Pages : 38 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.794/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR DISCOVERY OF RELATED INTERACTABLE ITEMS IN A MOBILE STORE ENVIRONMENT

(51) International classification :G06Q30/00

(31) Priority Document No :61/387460

(32) Priority Date :28/09/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/053432

Filing Date :27/09/2011

(87) International Publication No :WO 2012/047641

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121 U.S.A.

(72)Name of Inventor :

1)MACIOCCI Giuliano

2)ANDIC Peter

3)DOBSON Janet L.

(57) Abstract :

Methods and apparatus for providing interactable item suggestions may include selecting a seed interactable item and determining a first set of one or more interactable items related to the seed interactable item based on one or more data sources. The methods and apparatus may further include generating a graphical presentation with a first set of interactable items with the seed interactable item and the one or more related interactable items. The methods and apparatus may also include generating a new graphical presentation of a second set of one or more interactable items related to a selected interactable item.

No. of Pages : 52 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.795/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : INTRAOCULAR LENS SYSTEM

(51) International classification	:A61F2/16
(31) Priority Document No	:12/910405
(32) Priority Date	:22/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/057322
Filing Date	:21/10/2011
(87) International Publication No	:WO 2012/054854
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)EMMETROPIA INC.
Address of Applicant :1051 Stafford Drive P.O. Box 5879
Princeton WV 24740 U.S.A.
(72)**Name of Inventor :**
1)WERBLIN Theodore P.

(57) Abstract :

A multi component intraocular lens implanted in an optical system of a human eye includes one or more removable components. One component acts as a base lens and another component acts as the front lens. A front lens formed from two integral optical portions may be milled with tabs to establish an axial orientation of the front lens. The front lens may have a different diameter than the base lens. The base lens may have sharp or angled edges and the front lens may have rounded edges. Non optical portions of the intraocular lens system may be manufactured from a material that is capable of releasing a pharmacological agent. A flange may be fused with the base lens to allow the front lens to engage with the base lens.

No. of Pages : 77 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.796/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : DENTURE STABILIZATION SYSTEM AND METHOD

(51) International classification :A61C13/00,A61C13/225,A61C13/235
(31) Priority Document No :12/903607
(32) Priority Date :13/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2011/000759
Filing Date :26/09/2011
(87) International Publication No :WO 2012/049672
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)KAMIL TECH LTD
Address of Applicant :Wickhams Cay II Road Town Tortola
VIRGIN ISLANDS
(72)Name of Inventor :
1)BERGER Uzi

(57) Abstract :

A removable denture system comprising a personalized support beam fixedly attached to an individual's alveolar ridge above the mucous membrane by a plurality of dental implants; a personalized denture conforming with dental parameters of the individual and having fixedly integrated within a bottom surface thereof a super structure having a cross section conforming with that of the support beam; and a denture locking arrangement for securely locking and unlocking the denture to the support beam at substantial zero tolerance therebetween and wherein one of the support beam and the super structure is configured with one or more positioning grooves extending parallel to a path of insert (POI) of the denture and the other of the support beam and the super structure is configured with corresponding one or more laterally projecting positioning projections each extending in register with a corresponding positioning groove and configured for snug sliding there within

No. of Pages : 44 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/08/2009

(21) Application No.1902/MUM/2009 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : A PROCESS AND DEVICE FOR CLEANING HARD SURFACES

(51) International classification	:B08B3/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HINDUSTAN UNILEVER LIMITED
(32) Priority Date	:NA	Address of Applicant :165/166 BACKBAY
(33) Name of priority country	:NA	RECLAMATION, MUMBAI - 400020, MAHARASHTRA,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)GOYAL RICHA SURESHCHAND
(61) Patent of Addition to Application Number	:NA	2)KAMKAR KIRTAN SHRAVAN
Filing Date	:NA	3)SAH AMIT
(62) Divisional to Application Number	:NA	4)SHRESTH RUDRA SAURABH
Filing Date	:NA	5)SUBRAHMANIAM NARAYANAN

(57) Abstract :

The present invention is in the field of household cleaning tools. The invention further relates to the use of an air-water jet for the cleaning of hard surfaces. It is an object of the present invention to provide easier cleaning of hard surfaces. It is therefore an object of the present invention to provide a process of easier cleaning of hard surfaces, especially by means of a device that uses a relatively low water flow rate. Surprisingly it has been found that an external mix air-water jet device may be used for cleaning hard surfaces.

No. of Pages : 29 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/11/2009

(21) Application No.2550/MUM/2009 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : A SAFE, ECONOMICAL & ENVIRONMENTAL FRIENDLY PROCESS FOR RECOVERY OF ETHYLENE OXIDE GAS FROM MULTICHAMBER STERILISATION FACILITIES

(51) International classification :B01D3/10,
C07D301/32,A61L2/20
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SHRI KALIA SUDHIR BALDEV

Address of Applicant :M/S PCP CHEMICALS PVT. LTD.,
PLOT A-171/172, OFF ROAD NO. 10, WAGLE INDUSTRIAL
ESTATE, THANE - 400 604, MAHARASHTRA, INDIA.

2)SHRI ANAND ANIL KUMAR

**3)SHRI UBHAYAKAR SHARADCHANDRA
PARAMANAND**

(72)Name of Inventor :

1)SHRI KALIA SUDHIR BALDEV

2)SHRI ANAND ANIL KUMAR

**3)SHRI UBHAYAKAR SHARADCHANDRA
PARAMANAND**

(57) Abstract :

Disclosed is a Safe, Economical and Environmental friendly process of Recovery of ethylene oxide gas exhausted from sterilization chambers. The process recovers ethylene oxide gas from the exhaust which otherwise would be treated and converted to a secondary effluent. The recovery of ethylene oxide is achieved by condensing the exhaust gases at a temperature lower than boiling point of ethylene oxide. The rate of recovery will be 75% to 95%. The reuse of ethylene oxide reduces the cost of sterilization cycle, as ethylene oxide is a major consumable gas in sterilization cycle. The recovery process reduces the effluent burden of ethylene oxide on environment. The process is a totally closed loop system free of moving parts and electrical accessories and can be safely installed in a ex-proof/hazardous operating area. The recovery system reduces the input parameter variation to the treatment systems, making them work at designed efficiencies. It is possible to do away with extensive treatment systems with simple treatment equipments when the recovery system is in place, resulting in valuable energy savings.

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3563/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :19/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : PHARMACEUTICAL COMPOSITION COMPRISING HUMAN INSULIN ANALOGUES OR DERIVATIVE THEREOF

(51) International classification :C12N15/09,
C07K14/575, C07K14/62
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)WOCKHARDT LIMITED
Address of Applicant :D-4 MIDC Area Chikalthana
Aurangabad Maharashtra India
(72)Name of Inventor :
1)Sahib Maharaj K.
2)Ambulge Jeetendra kashinath
3)Agrawal Gauravkumar Ramanlal

(57) Abstract :

A stable aqueous insulin preparation comprising human insulin analogues or derivatives thereof one or more solubility enhancing agents are selected from urea amino acids and/or surfactants optionally one or more other pharmaceutically acceptable excipient(s).

No. of Pages : 39 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.803/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : A PLANT HOMOLOG TO AUTOPHAGY PROTEIN P62

(51) International classification	:C12N15/09,C12N15/82	(71)Name of Applicant :
(31) Priority Document No	:P392 772	1)INSTYTUT BIOCHEMII I BIOFIZYKI PAN
(32) Priority Date	:27/10/2010	Address of Applicant :ul. Pawinskiego 5A PL 02 106
(33) Name of priority country	:Poland	Warszawa Poland
(86) International Application No	:PCT/PL2011/000111	(72)Name of Inventor :
Filing Date	:27/10/2011	1)ZIENTARA RYTTER Katarzyna
(87) International Publication No	:WO 2012/057640	2)MONIUSZKO Grzegorz
(61) Patent of Addition to Application	:NA	3)WAWRZYNSKA Anna
Number	:NA	4)LUKOMSKA Jolanta
Filing Date	:NA	5)LISZEWSKA Frantz
(62) Divisional to Application Number	:NA	6)SIRKO Agieszka
Filing Date	:NA	

(57) Abstract :

The present invention comprises recombinant DNA molecule expression cassette DNA vector binary plasmid plant cell and a method of polypeptide production in eukaryotic organism and use thereof. In more details it provides the means through using methods of genetic engineering of obtaining plants with advantageous breeding features particularly with increased tolerance to abiotic stresses including mineral deficiency or plants useful for monitoring the process of autophagy.

No. of Pages : 22 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.804/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : INTERNALLY DIRECTED AIR JET COOLING FOR A HYDRAULIC PUMP

(51) International classification :F04D29/46

(31) Priority Document No :12/914104

(32) Priority Date :28/10/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/056693

Filing Date :18/10/2011

(87) International Publication No :WO 2012/058057

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SPX CORPORATION

Address of Applicant :13515 Ballantyne Corporate Place
Charlotte NC 28277 U.S.A.

(72)Name of Inventor :

1)BOOTH Dwight

2)HAYNES Joseph

(57) Abstract :

An adjustable cooling mechanism is provided. The cooling mechanism may include: a hollow member surrounding at least in part a machine to be cooled; the hollow member having holes oriented at the machine; an outlet configured to outlet a compressed fluid from the machine; a conduit connecting the outlet to an interior of the hollow member; and a throttling mechanism configured to throttle a fluid moving through the holes.

No. of Pages : 28 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1960/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :26/08/2009

(43) Publication Date : 11/07/2014

(54) Title of the invention : EXTENDED RELEASE PHARMACEUTICAL COMPOSITION OF PALIPERIDONE

(51) International classification	:A61K9/20, a61k31/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GLENMARK GENERICS LIMITED

Address of Applicant :GLENMARK HOUSE, HDO-CORPORATE BLDG, WING-A, B. D. SAWANT MARG, CHAKALA, ANDHERI (EAST), MUMBAI - 400 099 MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)KAMAL MEHTA

2)PANKAJKUMAR SHINDE

3)HIDAYTULLA AGA

(57) Abstract :

The present invention provides an extended release tablet of paliperidone, comprising a) a core containing paliperidone and at least one water soluble and/or gellable polymer, b) a coating comprising at least one water insoluble or permeable polymer, and water soluble and/or gellable polymer and optionally an enteric polymer.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3017/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :29/10/2010

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND SYSTEM FOR DISPLAYING REAL TIME PERFORMANCE PARAMETERS OF VEHICLE ON A PORTABLE DEVICE

(51) International classification	:G06F7/00, G07C5/00	(71)Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :Bombay House 24 Homi Mody Street Hutatma Chowk Mumbai 400 001 MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)S.N.DHANESHWAR
Filing Date	:NA	2)YOGESH.T.PATIL
(87) International Publication No	: NA	3)D.M.TARE
(61) Patent of Addition to Application Number	:NA	4)SARIKA JAIN
Filing Date	:NA	5)VINU RAJAKUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Embodiments herein provide a system and method to display real time performance parameters of a vehicle on a portable device. The system comprises of a device to monitor the performance parameters of the vehicle and to transmit the monitored parameters to at least one of a server and a portable device. The server configures instrument cluster image of the vehicle using the web application and authenticates the portable device to access the performance parameters from at least one of the server and the device. The portable device access the performance parameters and instrument cluster images by logging in to the web link hosted by the server or by downloading the web application from the server to configure the instrument cluster image of the vehicle in real time.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.781/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : FILM AIRBAGS

(51) International classification :B60R21/16,B23B27/00
(31) Priority Document No :12/911,945
(32) Priority Date :26/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/057878
Filing Date :26/10/2011
(87) International Publication No :WO/2012/058306
(61) Patent of Addition to Application Number :2867/MUMNP/2012
Filed on :26/10/2011
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)AUTOMOTIVE TECHNOLOGIES INTERNATIONAL INC.
Address of Applicant :P.O. Box 8 Denvill NJ 07834, US
U.S.A.
(72)Name of Inventor :
1)BREED David S.
2)JOHNSON, WNDELL, C.

(57) Abstract :

Inflatable airbag (26, 34) for a vehicle which is deployed in the event of an accident involving the vehicle to provide protection for an occupant of the vehicle includes a plurality of ribbons (32) coupled together to define an enclosed, fluid-retaining space and a layer of film (44) laminated on at least one of an outer side of the ribbons (32) and an inner side of the ribbons (32). The ribbons (32) each have a width of less than about 3 mm and preferably about 0.5 to about 1 mm. The ribbons (32) may be made from polypropylene, polyethylene, polyester or polyamide and the layers of film (44) may be made from polyethylene, polyurethane, polyester or polyamide. The ribbons (32) and layers of film (44) may be made of the same or different materials.

No. of Pages : 55 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.831/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : NECK SUPPORT PILLOW

(51) International classification	:A47G9/10,A47G9/00	(71) Name of Applicant :
(31) Priority Document No	:61/388502	1)LOOS Rich
(32) Priority Date	:30/09/2010	Address of Applicant :2234 Carmel Valley Road Suite B. Del
(33) Name of priority country	:U.S.A.	Mar CA 92014 U.S.A.
(86) International Application No	:PCT/US2011/054405	(72) Name of Inventor :
Filing Date	:30/09/2011	1)LOOS Rich
(87) International Publication No	:WO 2012/045032	
(61) Patent of Addition to Application		
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A support pillow providing head and neck support to a user laying upon it. The pillow employs a support insert surrounded by a pillow casing having planar top and bottom surfaces and a sidewall extending between them. An insert engaged in the casing provides substantially planar support surfaces with a centrally located void providing a relief for positioning one s head on the pillow. Proper support and spine alignment is provided by a shoulder portion of the pillow for the neck which may be formed of different material than the pillow.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.832/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : SLEEP CLOCK ERROR RECOVERY SCHEME

(51) International classification :H04W52/02

(31) Priority Document No :12/945067

(32) Priority Date :12/11/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/060383

Filing Date :11/11/2011

(87) International Publication No :WO 2012/065069

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)QUALCOMM Incorporated

Address of Applicant :International IP Administration 5775
Morehouse Drive San Diego California 92121 1714 U.S.A.

(72)Name of Inventor :

1)HUSTED Paul J.

2)McFARLAND William J.

3)SU David K.

(57) Abstract :

A wireless device includes a functional unit a wireless transceiver an antenna and a clock. The wireless transceiver and antenna are coupled to the functional unit. The clock is coupled to the functional unit and the wireless transceiver. The clock is generates a clock signal. The wireless device is coupled wirelessly to a wireless slave device. The functional unit is configured to determine an amount of time since a last keep alive transmission with the slave device has occurred based on the clock. The functional unit determines a number of keep alive transmissions to transmit to the slave device and appropriate transmission times for the keep alive transmissions relative to a next scheduled keep alive transmission time based on the determined amount of time since the last keep alive transmission. The functional unit begins successive transmission of the keep alive transmissions to the slave device per the transmission times.

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3494/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :11/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : NOVEL SYNTHESIS OF N1,N1,N4,N4 - TETRAKIS (2-HYDROXYETHYL) TEREPHTHALAMIDE (THETA) AND TEREPHTHALIC ACID (TPA)

(51) International classification	:C07C51/02, C07C63/26	(71)Name of Applicant : 1)SHUKLA SANJEEV RAMCHANDRA Address of Applicant :DEPARTMENT OF FIBRES AND TEXTILE PROCESSING TECHNOLOGY, INSTITUTE OF CHEMICAL TECHNOLOGY ELITE STATUS & CENTRE OF EXCELLENCE-GOVT. OF MAHARASHTRA, NATHALAL PAREKH MARG, MATUNGA (EAST) MUMBAI 400 019, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHUKLA SANJEEV RAMCHANDRA
(62) Divisional to Application Number	:NA	2)PARAB YOGESH SUDHAKAR
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for synthesis of N-N-. N4.,N4- letrakis (2-hydroxyethyl) terephthalamide (THETA) and terephthalicy-acid (TPA) by depolymerization of Poly (ethylene terephthalate) (PET). The present technique is useful to recvcle the PET waste and resulting into monomers which are useful raw material in rigid polyurethane (PUR) foam synthesis; unsaturated polyester resins or alkylated resin synthesis.

No. of Pages : 26 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/12/2012

(21) Application No.3495/MUM/2012 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : DESIGN&NBSP; DEVELOPMENT AND EVALUATION OF ORODISPERSIBLE DRUG DELIVERY SYSTEM OF TASTE MASKED FAMOTIDINE BY NEWER RANGE OF ION-EXCHANGE RESIN

(51) International classification	:A61K9/00, a61k31/00	(71)Name of Applicant : 1)BHARATI VASANTRAO BAKDE Address of Applicant :C/O Anil S. Hedau S1/ Block A RajaraniAppartment Ranapratap Nagar NR. Ranapratap Gate Arni Road Yavatmal- 445001 MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BHARATI VASANTRAO BAKDE
(87) International Publication No	: NA	2)ANIL SHAMRAO HEDAU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Famotidine [(N-(Aminosulfonyl)-3-(((2-((diaminomethylene) amino)-4thiazolyl) methyl) thio) propanimidamide] an H2 histamine receptor antagonist has extremely bitter taste. Its bitter taste became a critical issue which strongly demanded to mask the taste. Different types of ion exchange resins like Kyron T-104 Kyron T-114 Kyron T-314 instamask and Carbopol 934 P were used in different proportions to form complex with famotidine. Ion exchange resin to drug ratio effect of pH and effect of stirring time on complex formation were optimized. Drug-resin complex was evaluated for percent drug loading and drug release from drug-resin complex. Developed taste masked drug candidate in this research work become eligible to formulate mouth disintegrating dosage form.

No. of Pages : 26 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/12/2012

(21) Application No.3496/MUM/2012 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : PROCESS FOR MANUFACTURING TABLETS WITH MASKED TASTE IN ORODISPERSIBLE DRUG DELIVERY SYSTEM FOR LORNOXICAM

(51) International classification	:A61K9/54, A61K31/27	(71)Name of Applicant : 1)BHARATI VASANTRAO BAKDE Address of Applicant :C/O Anil S. Hedau S1/ Block A RajaraniAppartment Ranapratap Nagar NR. Ranapratap Gate Arni Road Yavatmal- 445001 MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BHARATI VASANTRAO BAKDE
(87) International Publication No	: NA	2)ANIL SHAMRAO HEDAU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Lornoxicam is a non steroidal anti-inflammatory drug with analgesic properties and belongs to the class oxicams having extremely bitter taste. So the taste has to be masked in order to reduce its bitterness to increase its palatability and to improve patient compliance. The purpose of this research work is to prepare tasteless complexes of Lornoxicam with Kyron a cationic ion - exchange resin to evaluate bitterness and invitro drug release from the Drug- Resin complex (DRC). Here DRC was prepared by Batch method using Kyron T 104 Kyron T- 114 Kyron T- 314 carbopol 934 P and instamask. It was found that percentage of drug bound to resin was more with Kyron T -114 and selected it for preparing DRC using ratios from 1:1 to 1:4 and it was founded that 1:3 as the optimized one.

No. of Pages : 21 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.839/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : CQI ONLY TRANSMISSION ON THE PUSCH

(51) International classification :H04L1/00,H04W72/12,H04L1/06

(31) Priority Document No :61/411345

(32) Priority Date :08/11/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/059768

Filing Date :08/11/2011

(87) International Publication No :WO 2012/064731

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121 U.S.A.

(72)Name of Inventor :

1)LUO Xiliang

2)GAAL Peter

3)CHEN Wanshi

4)MONTJOJO Juan

(57) Abstract :

A method for transmitting a channel quality indicator only feedback payload is described. A channel quality indicator scheduling message is received from a base station. A channel quality indicator only feedback payload is generated. The channel quality indicator only feedback payload is transmitted on a physical uplink shared channel. The method may be performed by a wireless communication device.

No. of Pages : 48 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1877/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :17/08/2009

(43) Publication Date : 11/07/2014

(54) Title of the invention : ADJUSTABLE DAMPING SHOCK ABSORBER

(51) International classification	:F16F9/44, F16F9/092	(71)Name of Applicant : 1)GABRIEL INDIA LTD. PUNE.
(31) Priority Document No	:NA	Address of Applicant :29, MILESTONE, PUNE NASIK
(32) Priority Date	:NA	HIGHWAY, VILLAGE : KURULI, TAL : KHED, DIST : PUNE
(33) Name of priority country	:NA	- 410 501 (MH) Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MURAGENDRA MAGADUM
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention describes an adjustable damping mechanism for shock absorber. The machines include, a hollow rod, a loading plunger, a plurality of openings configured on the adaptor, and an activating means, the mechanism is capable of covering the plurality of opening for allowing the fluid flow from the rebound chamber to the compression chamber though only the opening of the piston, and the loading plunger also capable of un-covering the plurality of opening for allowing the fluid flow from the rebound chamber to the compression chamber through the plurality of openings on the adaptor and opening on the piston.

No. of Pages : 13 No. of Claims : 8

(54) Title of the invention : LONG CHAIN POLYUNSATURATED FATTY ACID PRODUCTION IN RECOMBINANT LIPOMYCES STARKEYI

(51) International classification	:C12P39/00, C12P7/64	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HARSULKAR ABHAY M
(32) Priority Date	:NA	Address of Applicant :INTERACTIVE RESEARCH
(33) Name of priority country	:NA	SCHOOL FOR HEALTH AFFAIRS, BHARATI VIDYAPEETH
(86) International Application No	:NA	UNIVERSITY, MEDICAL COLLEGE CAMPUS, PUNE -
Filing Date	:NA	SATARA ROAD, PUNE 411 043, MAHARASHTRA, INDIA.
(87) International Publication No	: NA	2)SALUNKE DEVYANI P
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HARSULKAR ABHAY M
(62) Divisional to Application Number	:NA	2)SALUNKE DEVYANI P
Filing Date	:NA	

(57) Abstract :

The present invention is directed to a process for production of higher amount of LCPUFA using transformed yeast strain *Lipomyces starkeyi* 3440 was transformed with a vector containing $\Delta 15$ desaturase (FAD3) gene from flax (*Linum usitatissimum* L) under a constitutive promoter, which was introduced into *L. starkeyi* by *Agrobacterium*- mediated transformation. Lipid production from *L. starkeyi* was studied using different carbon sources such as glucose, sucrose and ethanol. Batch culture demonstrated that maximum lipid production was observed in medium containing glucose as a carbon source. Ethanol showed inhibitory effect on growth and lipid production. Feed batch cultures in 2 lit fermenter for 96 hr resulted in dry biomass and cellular lipid content of 18 g/lit and 40 % (w/w). The fed-batch culture model used here featured initial nutrient rich medium and then high C/N ratio maintained by supplying glucose externally. Introducing A 15 desaturase gene into oleaginous yeast enhanced the production of downstream metabolites (such as EPA- 3.96mg/g and DHA- 60mg/g) as compared to untransformed *L. starkeyi* (EPA- 3.72mg/g and DHA- 2.8mg/g). The strain described here and a process optimized for production of omega-3 fatty acids like EPA and DHA can be utilized as vegetarian source.

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3502/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :13/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : FIVE ROLLER SUGARCANE CRUSHING MILL WITH PRESSURE CHUTE

(51) International classification	:B02C4/28, C13B10/06	(71)Name of Applicant : 1)SAISIDHA SUGAR EQUIPMENTS & ENGINEERING CO. PVT. LTD.
(31) Priority Document No	:NA	Address of Applicant :PLOT NO.95, SECTOR NO.10, PCNTDA, BHOSARI MIDC, PUNE - 411 026, MAHARASHTRA, INDIA.
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72)Name of Inventor : 1)DEODATTA NANASAHEB BHOSALE
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an improved five roller sugarcane crushing mill with a pressure chute. The sugarcane mill of the present invention comprises a bottom roller and a first top roller having larger diameter than a second top roller. A second top roller of the sugarcane mill is a free floating roller. The sugarcane mill further comprises crown pinions that offer highest range of centre distances compared to the conventional mills. The sugarcane mill uses the pressure chute that allows the feeder rollers to rotate at higher peripheral speed resulting in higher crushing capacity at lowest possible mill speed. The feed roller can be removed without disturbing the pressure feeder assembly. The mill of the present invention requires less space.

No. of Pages : 27 No. of Claims : 7

(54) Title of the invention : FORMWORK ELEMENT

(51) International classification :E02D31/04,E02B3/16,E02D29/16

(31) Priority Document No :10195626.6

(32) Priority Date :17/12/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/072766

Filing Date :14/12/2011

(87) International Publication No :WO 2012/080341

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KLOSTER Magnus**2)MEYER Klaus****3)WEBER Ulrich K.**

(57) Abstract :

In a method for sealing piles (1) in subsurfaces (2) in the construction field a hollow body shaped formwork element (3) is used. The method comprises the following steps: 1) applying a barrier layer (4) to the subsurface (2); 2) introducing a pile (1) into the subsurface (2) the pile (1) being arranged so as to penetrate the barrier layer (4); 3) applying a hollow body shaped formwork element (3) along the central longitudinal axis of the pile (1) the hollow body shaped formwork element (3) surrounding the pile (1); 4) introducing mineral binding agent (5) into the intermediate area (12) between the pile (1) and the hollow body shaped formwork element (3); and 5) connecting the barrier layer (4) and hollow body shaped formwork element (3). On the side facing the pile the hollow body shaped formwork element (3) has a contact layer (6) which comprises a composite layer (7) made of a porous material and/or a sealant (8). The introduced mineral binding agent (5) binds substantially securely to the contact layer and thus prevents moisture from the subsurface from flowing behind the hollow body shaped formwork element. With this method removal of the formwork and thus an additional step can be omitted because the hollow body shaped formwork element remains as a part of the structure and performs a sealing function.

No. of Pages : 19 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1906/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :04/08/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : CONTAINER, SYSTEM AND METHOD FOR GOODS TRANSPORT

(51) International classification	:G07C9/00, E05B47/00
(31) Priority Document No	:2004192
(32) Priority Date	:04/02/2010
(33) Name of priority country	:Netherlands
(86) International Application No	:PCT/NL2011/050084
Filing Date	:04/02/2011
(87) International Publication No	:WO/2011/096813
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ACISS INTERNATIONAL B.V.

Address of Applicant :Contactweg 129 NL-1014 BJ
Amsterdam Netherlands.

(72)Name of Inventor :

1)WIP Bastiaan Cornelis

(57) Abstract :

The invention relates to a container for goods transport comprising walls enclosing a storage space for the goods a closable entrance to the storage space such as a door a lock for locking respectively unlocking the entrance to the storage space means for reading a global destination position for the container in a database means for determining an actual global position of the container a controller configured to enable unlocking the lock based on at least the global destination position and the actual global position. In an embodiment the controller is configured to enable unlocking the lock when the actual global position is within a predetermined range of the predetermined global position. The invention further relates to a system and method using the above container.

No. of Pages : 23 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2411/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :14/10/2009

(43) Publication Date : 11/07/2014

(54) Title of the invention : CONVERSION OF NORMAL CIGARETTE PAPER INTO LOW IGNITION PROPENSITY CIGARETTE PAPER AND A PROCESS FOR THE SAME

(51) International classification	:A24B15/00, A24D1/02, A24C5/28	(71)Name of Applicant : 1)GOLDEN TOBACCO LIMITED Address of Applicant :TOBACCO HOUSE, S.V.ROAD, VILE PARLE (WEST) MUMBAI - 400 056, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHAKTIDEVAN, NEELAKANTAN
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a low ignition propensity cigarette paper of plurality of burn limiting areas in the form of strips formed of thermoplastic polymer suspension comprising 3.2 to 32.5% by wt. of a thermostatic polymer base, 25 to 92% by wt. of a solvent, 0.1 to 7.8% by wt. of plasticizers and 2.0 to 20% by wt. of fillers. The invention also relates to a method for manufacturing a low ignition propensity cigarette paper comprising steps of converting a cigarette paper into a low ignition propensity cigarette paper wherein burn limiting areas are in a form of plurality of strips.

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.840/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : IN SITU MICROBIAL BIO REMEDIATION OF AQUATIC ENVIRONMENTS

(51) International classification	:C12N1/00, C02F3/00
(31) Priority Document No	:12/943957
(32) Priority Date	:11/11/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2011/000842
Filing Date	:30/10/2011
(87) International Publication No	:WO 2012/063231
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BACHAR Israel Amichay

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Israel

(72)Name of Inventor :

1)BACHAR Israel Amichay

(57) Abstract :

A method for facilitating growth of microbial communities for in situ bodies of flowing water for the sake of bio remediating contaminated water and/or producing useful biomass.

No. of Pages : 29 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.841/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : ENVIRONMENT SERVO TYPE CLEAN METAL CASTING MOLD

(51) International classification :B22D7/06,B22D27/04,B22C9/06
(31) Priority Document No :201010527798.7
(32) Priority Date :26/10/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/079021
Filing Date :23/11/2010
(87) International Publication No :WO 2012/055127
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Henan 474500 China
(72)**Name of Inventor :**
1)ZHU Shucheng

(57) Abstract :

An environment servo type clean metal casting mold has a casting mold main body with an ingate (2). The casting mold main body includes a low cold bottom template (3) and a peripheral template (1) that is connected with the low cold bottom template (3). Said peripheral template (1) is provided with a vertical temperature break servo device. The temperature of the vertical temperature break servo device contacting with the cooling metal varies in the vertical direction hence the liquid metal has rapid heat emission crystallization and solidification.

No. of Pages : 23 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.894/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : LEAVE ON NON SOLID SKIN CONDITIONING COMPOSITIONS CONTAINING 12 [(12 HYDROXYOCTADECANOYL)OXY] OCTADECANOIC ACID

(51) International classification :A61Q19/08,A61K8/37,A61K8/67
(31) Priority Document No :12/944289
(32) Priority Date :11/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/068428
Filing Date :21/10/2011
(87) International Publication No :WO 2012/062554
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)MADISON Stephen Alan
2)MOADDEL Teanoosh
3)HARICHIAN Bijan
4)ROSA Jose Guillermo
5)MELDRUM Helen
6)LEE Jianming

(57) Abstract :

Leave on non solid skin conditioning compositions containing 12 [(12 hydroxyoctadecanoyl)oxy] octadecanoic acid. 12 [(12 hydroxyoctadecanoyl)oxy] octadecanoic acid can be easily incorporated in combination with lipophilic carriers that are liquid at room temperature. Compositions are able to deliver increased energy production by human fibroblasts. Preferred compositions also contain 12 hydroxystearic acid and thus are able to deliver a wide range of skin benefits.

No. of Pages : 38 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1731/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :14/06/2011

(43) Publication Date : 11/07/2014

(54) Title of the invention : PRINTED POLYESTER FILM BASED LAMINATE, METHOD OF MAKING AND APPLICATIONS THEREOF

(51) International classification

:B29C44/34

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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(72)Name of Inventor :

1)BANERJEE Mrinal Kanti

2)BHATTACHARYA Satya Prasad

(57) Abstract :

The present disclosure provides a polyester film based laminate comprising: an outer polyethylene layer; a core layer of a printed polyester film; and an inner polyethylene layer; an article made of said laminate. The printing on the said polyester film based laminate can be a reverse printing. The present disclosure further provides a method for producing a polyester film based laminate.

No. of Pages : 19 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3238/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :08/11/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : DISPENSING SYSTEM FOR SEMI SOLID AND VISCOUS HOMOGENEOUS LIQUID

(51) International classification	:B67D1/00, B05B7/24	(71)Name of Applicant : 1)PRASANNA YESHWANT DEODHAR
(31) Priority Document No	:NA	Address of Applicant :FLAT NO.8, JANKI APARTMENT,
(32) Priority Date	:NA	NEAR P.D.C.C. BANK, KOTHRUD, PUNE - 411 038
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PRASANNA YESHWANT DEODHAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a system for accurately dispensing a predefined amount of a semi solid and viscous homogeneous liquid material. The system of the present invention avoids air contamination/air trap as well as minimizes degradation in viscosity of the semi solid and viscous homogeneous liquid material during dispensing. The system of the present invention is suitable for filling cold as well hot material and also suitable in food as well as non-food sector.

No. of Pages : 13 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.773/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : DEVICE FOR TRANSFERRING ENERGY BETWEEN TWO FLUIDS

(51) International classification	:F04B43/113
(31) Priority Document No	:2704/MUM/2010
(32) Priority Date	:29/09/2010
(33) Name of priority country	:India
(86) International Application No	:PCT/IN2011/000598
Filing Date	:02/09/2011
(87) International Publication No	:WO 2012/042533
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SHELKE Dattatraya Rajaram

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MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)SHELKE Dattatraya Rajaram

(57) Abstract :

Device for transferring energy between a driving fluid and a driven fluid without contacting or mixing with each other is provided. The device comprises: an elongate central body (44) with a profiled cavity (37 38) on either side having a respective fluid passage (45 46); a pair of composite outer bodies having a respective fluid in/out passage (35 36) for fluid communication via a flow diverter valve assembly (15); a pair of assembly of moveable chambers fixed on either side of said central body disposed inside the composite outer bodies; guiding and connecting means (25 26) passing through inner annular end plates (47 48) of composite outer bodies for reciprocating said moveable chambers; wherein said flow diverter valve assembly (15) alternatively diverts the direction of the movement of said moveable chambers by diverting the flow direction of said fluids by actuation or pulses received on reaching respective end position on either side of said central body; and flow directing valves for alternatively directing the flow direction of the other fluid to/from respective moveable chambers via said fluid passages.

No. of Pages : 38 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.823/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD DEVICE AND MOLDING SHELL FOR PRODUCING A THREE DIMENSIONAL PREFORM IN THE COURSE OF PRODUCING FIBER REINFORCED MOLDED PARTS

(51) International classification :B29C70/46,B29B11/16,B29C33/30
(31) Priority Document No :10 2010 043 663.1
(32) Priority Date :09/11/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/069781
Filing Date :09/11/2011
(87) International Publication No :WO 2012/062824
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)DIEFFENBACHER GMBH MASCHINEN UND ANLAGENBAU
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(72)Name of Inventor :
1)GRAF Matthias

(57) Abstract :

The invention relates to a method device and molding shell for producing a three dimensional preform in the course of producing fiber reinforced molded parts. A device essentially comprises a draping device (2) having a supporting table (4) for a stack of woven fabric (3) and a molding shell (5) for forming the preform (6) from the stack of woven fabric (3) by means of the draping device (2).

No. of Pages : 31 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.930/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND APPARATUS FOR ENCODING VIDEO BY MOTION PREDICTION USING ARBITRARY PARTITION, AND METHOD AND APPARATUS FOR DECODING VIDEO BY MOTION PREDICTION USING ARBITRARY PARTITION

(51) International classification	:H04N7/32, H04N7/24
(31) Priority Document No	:10-2009-0121400
(32) Priority Date	:08/12/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2010/008735
Filing Date	:08/12/2010
(87) International Publication No	:WO/2011/071308
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1687/MUMNP/2012
Filed on	:06/07/2012

(71)Name of Applicant :

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(72)Name of Inventor :

1)LEE, Sun-Il

2)CHEON, Min-Su

3)HAN, Woo-Jin

(57) Abstract :

Disclosed is a method and apparatus of encoding a video, the method including: encoding the video data of maximum coding unit based on deeper coding units of hierarchical structures according to at least one split region of the maximum coding unit, with performing inter prediction using partitions obtained by splitting the coding unit according to arbitrary ratios, and determining a coding depth; and outputting a bitstream including the encoded video data corresponding to a coding depth according to maximum coding units and information regarding the coding depth and encoding modes.

No. of Pages : 51 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.833/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : FLUID FILTERING UNIT AND SYSTEM

(51) International classification :B01D29/11,B01D29/19,B01D29/33
(31) Priority Document No :61/390823
(32) Priority Date :07/10/2010
(33) Name of priority country:U.S.A.
(86) International Application No :PCT/IL2011/000793
Filing Date :06/10/2011
(87) International Publication No :WO 2012/046240
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)SHAMIR Yuval
2)OLENBERG Marina
3)BEN HORIN Raanan
4)ALON Tzur
5)NURIEL Shaha
6)MUSSEL Ud

(57) Abstract :

A fluid filtration assembly comprising a housing configured with one or more filter units extending in fluid flow between a raw fluid inlet port and a filtered fluid outlet port a filter rinsing assembly being in fluid communication with a rinsing fluid inlet port and propulsion fluid inlet port being in flow communication with a propulsion mechanism for propelling one or both of the filter rinsing assembly and the filter unit with respect to one another. Also there is disclosed a thread tensioning mechanism for controlling tension of coiled threads of a thread type filtering cartridge.

No. of Pages : 63 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.886/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : DOSING CAP FOR CONTAINER

(51) International classification :B05B11/00,B05B11/04,G01F11/28
(31) Priority Document No :10190439.9
(32) Priority Date :09/11/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/068761
Filing Date :26/10/2011
(87) International Publication No :WO 2012/062576
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)VAN DE POLL Jonkheer Thedoor Hendrik

(57) Abstract :

A dispenser cap (10) for a liquid container having an opening the cap (10) comprising a means for attachment (30) to the container a housing (12) inserted into the opening and comprising a liquid inlet (14) a channel and a liquid outlet (16) the channel comprising a moveable seal (18) defining an outlet side liquid volume (24) and an inlet side liquid volume (26) the moveable seal (18) is moveable from a first position to a second position towards the liquid outlet (16) by increasing the inlet side liquid pressure thereby causing a dispensable volume of liquid flow out of the outlet (16) the moveable seal (18) also comprising a liquid outlet seal means (22) to seal the liquid outlet when the moveable seal (18) is in its second position thereby preventing further flow of liquid out of the outlet (16) the cap (10) also comprising a dispensable liquid volume adjustment means (32 34) to adjust the fixed volume of dispensable liquid.

No. of Pages : 15 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.887/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :09/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : PET BLOW MOULDING METHOD FOR PRODUCING BLOW MOULDED PET CONTAINERS AND SUCH A CONTAINER

(51) International classification:B29C49/06,B65D1/02,B29B11/14

(31) Priority Document No :10190913.3

(32) Priority Date :11/11/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/068650

Filing Date :25/10/2011

(87) International Publication No :WO 2012/062569

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)JORDAN Steven Paul

2)VAN ES BOTING Hendrik Willem

(57) Abstract :

A PET blow moulding method is provided for producing a blow moulded PET container (10) suitable for snap fitting a base cap (60) and having an axial centre for enabling a blow molding process. PET preform (20 30) is inserted into a mould shaped to an inverse of the snap fit PET container. Such a blow moulded PET container (10) is also disclosed. The PET preform is narrowed on a distal end side shaped for forming a knob portion (1) that is connected to a liquid compartment (3) of the PET container (10) via a neck portion (4) so as to form the knob having an inwards receding snap zone (43) formed by a curvature in the neck portion (4).

No. of Pages : 23 No. of Claims : 9

(54) Title of the invention : LED LIGHT MODULE

(51) International classification :F21S8/12,F21V5/00,F21Y101/02
 (31) Priority Document No :A 2109/2010
 (32) Priority Date :22/12/2010
 (33) Name of priority country :Austria
 (86) International Application No :PCT/AT2011/050031
 Filing Date :17/11/2011
 (87) International Publication No :WO 2012/083331
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)DANNER Markus**2)MOSER Andreas****3)JUNGWIRTH Johannes****4)KRENN G/anthner****5)STEIN Martin**

(57) Abstract :

The invention relates to a vehicle headlamp (1) for producing a main light distribution and an auxiliary light distribution wherein the vehicle headlamp (1) comprises two or more LED light modules (10) wherein each of the LED light modules (10) comprises one or more primary LED light sources (11) wherein a primary LED light source (11) comprises at least one light emitting diode comprises two or more secondary LED light sources (12 12a) wherein a secondary LED light source (12 12a) comprises at least one light emitting diode (12) and comprises a lens (13) wherein the light emitted by the at least one primary LED light source (11) is radiated directly onto the lens (13) and projected by the lens into the exterior space wherein the light emitted by the primary LED light sources (11) of all LED modules (10) forms the main light distribution and wherein the light emitted by the secondary LED light sources (12 12a) of an LED modules (10) is radiated onto the lens (13) of the LED module (10) by means of an optical waveguide (14) which lens (13) projects the light into the exterior space and wherein the light emitted by the secondary LED light sources (12 12a) of all LED modules (10) forms the auxiliary light distribution wherein preferably at least one of the secondary LED light sources (12a) shines directly through the optical waveguide (14) in order to achieve a homogeneous light distribution contribution to the auxiliary light distribution and wherein light is coupled by at least one of the secondary LED light sources (12) into the optical waveguide (14) via at least one light incoupling point (140) and exits directed substantially parallel via at least one light decoupling point (141) in order to produce a maximum contribution to the auxiliary light distribution.

No. of Pages : 37 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.585/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/03/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : CARBON DEPOSITED ALKALI METAL PHOSPHOSILICATE CATHODE MATERIAL AND PROCESS FOR PREPARING SAME INCLUDING TWO DRY HIGH ENERGY MILLING STEPS

(51) International classification :H01M4/58,H01M4/04,H01M4/1397
(31) Priority Document No :61/412547
(32) Priority Date :11/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2011/001255
Filing Date :14/11/2011
(87) International Publication No :WO 2012/061934
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)LIANG Guoxian
2)DUFOUR Jasmin
3)HOLZAPFEL Michael
4)MICHOT Christophe

(57) Abstract :

The present invention relates to a process for the synthesis of a carbon deposited alkali metal phosphosilicate cathode material comprising particles wherein said particles comprise on at least a portion of the particle surface carbon deposited by pyrolysis said process comprising a first dry high energy milling step performed on precursors of said carbon deposited alkali metal phosphosilicate cathode material prior to a first solid state thermal reaction and a second dry high energy milling step performed on a product of the first thermal reaction prior to a second solid state thermal reaction.

No. of Pages : 61 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.834/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : SYSTEM AND METHOD FOR SECONDARY CONTROL CHANNEL BOOSTING DURING UPLINK MULTIPLE INPUT MULTIPLE OUTPUT TRANSMISSION

(51) International classification	:H04W52/32,H04W52/16	(71)Name of Applicant :
(31) Priority Document No	:61/411454	1)QUALCOMM INCORPORATED
(32) Priority Date	:08/11/2010	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 U.S.A.
(86) International Application No	:PCT/US2011/059828	(72)Name of Inventor :
Filing Date	:08/11/2011	1)SAMBHWANI Sharad Deepak
(87) International Publication No	:WO 2012/064779	2)AKKARAKARAN Sony John
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and apparatuses are provided for uplink MIMO transmissions in a wireless communication system. In particular an enhanced pilot reference may be provided for enabling increased data rates on a secondary stream. Specifically a primary stream provided on a primary virtual antenna (610) includes an enhanced primary data channel E DPDCH (624) a primary control channel DPCCH (622) and an enhanced primary control channel E DPCCH (614). Further a secondary stream provided on a secondary virtual antenna (612) includes an enhanced secondary data channel S E DPDCH (620) and a secondary control channel S DPCCH (618). Here the secondary control channel S DPCCH (618) may be transmitted at a boosted power level relative to a determined reference power level.

No. of Pages : 79 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.835/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : THREAD PRODUCING NUT BLANK FOR MANUFACTURING THE NUT AND SCREWED CONNECTION COMPOSED OF NUT AND BOLT

(51) International classification	:F16B37/00
(31) Priority Document No	:102010043589.9
(32) Priority Date	:08/11/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/069601
Filing Date	:08/11/2011
(87) International Publication No	:WO 2012/062728
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BAIER & MICHELS GMBH & CO. KG

Address of Applicant :Carl Schneider Str. 1 64372 Ober Ramstadt Germany

(72)Name of Inventor :

1)AMBROS Olaf

(57) Abstract :

A thread producing nut (13) for a screwed connection wherein a core hole (3) which is provided with thread turns is designed for positively locking frictionally locking and releasable connection to an in particular cylindrical bolt or pin in such a way that the thread turns have completely formed thread turns in certain sections when viewed in the circumferential direction and that free spaces (10 11 12) with thread turns which are formed incompletely in terms of their height are provided between the completely formed sections of the thread turns. Furthermore a blank for manufacturing the nut and a screwed connection composed of such a nut and a bolt are the subject matter of the invention.

No. of Pages : 21 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.939/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND APPARATUS FOR ENCODING AND DECODING IMAGE BY USING LARGE TRANSFORMATION UNIT

(51) International classification	:H04N 7/24
(31) Priority Document No	:10-2009-0074895
(32) Priority Date	:13/08/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2010/005327
Filing Date	:13/08/2010
(87) International Publication No	:WO/2011/019234
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:585/MUMNP/2012
Filed on	:09/03/2012

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO., LTD.
Address of Applicant :416, Maetan-dong, Yeongtong-gu,
Suwon-si, Gyeonggi-do 442-742, Republic of Korea
(72)**Name of Inventor :**
1)LEE, Tammy
2)HAN, Woo-Jin
3)CHEN, Jianle
4)JUNG, Hae-Kyung

(57) Abstract :

Disclosed are an image encoding method and apparatus for encoding an image by grouping a plurality of adjacent prediction units into a transformation unit and transforming the plurality of adjacent prediction into a frequency domain, and an image decoding method and apparatus for decoding an image encoded by using the image encoding method and apparatus.

No. of Pages : 33 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1033/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : SYSTEM FOR PROVIDING LOCATION INFORMATION CERTIFICATION MANAGEMENT SERVICE AND METHOD FOR PROVIDING SAME

(51) International classification	:H04W12/06,H04W4/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/KR2010/007631
Filing Date	:02/11/2010
(87) International Publication No	:WO 2012/060479
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)KIM Seong Soo

Address of Applicant :400 11 Pungnap dong Songpa gu Seoul
138 040 Republic of Korea

(72)Name of Inventor :

1)KIM Seong Soo

(57) Abstract :

In providing location information on an individual through a mobile network by using a certification for releasing location information the present invention aims to provide a system for providing location information certification management service for a designated person (parent) who is designated for an individual (child) whose location information is to be released to receive beforehand the certification for releasing the location information on a wireless terminal (mobile phone) to request and receive the location information of the individual whose location information is to be released through a mobile communication system and for quickly verifying the location of the individual to pursue action by selectively providing to another designated person (guardian or contact person) the certification for releasing the location information of the individual whose location information is to be released as needed so that the location information of the individual whose location information is to be released can be provided quickly without the process of verifying identification (including the relationship to the individual).

No. of Pages : 40 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.836/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : PIPELINE SEALING ELEMENT AND PIPE CONNECTION

(51) International classification	:F16L23/032
(31) Priority Document No	:10 2010 050 720.2
(32) Priority Date	:08/11/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/066243
Filing Date	:19/09/2011
(87) International Publication No	:WO 2012/062503
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Germany
(72)**Name of Inventor :**
1)DIETL Steffen

(57) Abstract :

The invention relates to a pipeline (10) which has a pan (100) at at least one end as part of a connecting system wherein the pan (100) has an inner sealing surface and an outer sealing surface which are inclined inwards and the inner sealing surface and the outer sealing surface are separated from one another by a step. The invention also relates to a sealing element (20) having a toroidal basic shape in which the cross section has a first contact surface and a second contact surface with an upper face and a lower face wherein the first contact surface is intended to rest on an outer face (14) of a pipeline (10) and the second contact surface is intended to rest on a sealing surface which is inclined in the direction of the pipe interior. Finally the invention relates to a pipe connection (30) for connection of two pipelines (10) using a sealing element (20) such as this.

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.838/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : COMPRESSOR AND ENCLOSURE ASSEMBLY FOR ELECTRICAL COMPONENTS

(51) International classification :F04C29/00,H01R13/516,F04C28/00
(31) Priority Document No :61/412192
(32) Priority Date :10/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/060135
Filing Date :10/11/2011
(87) International Publication No :WO 2012/064932
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)EMERSON CLIMATE TECHNOLOGIES INC.
Address of Applicant :1675 W. Campbell Road Sidney Ohio
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(72)Name of Inventor :
1)BINGHAM Larry L.
2)MONNIER Kenneth J.
3)POWELL Anne Darlene
4)SAKAI Stephen Shotaro
5)DUNN Matthew Paul
6)CLARK George A.

(57) Abstract :

A compressor electrical component enclosure may include a base and a lid. The base may include first and second opposing surfaces and a magnet. The magnet may be coupled to the second surface and may secure the base to a compressor shell. The lid may engage the base and cooperate with the base to define an electrical component housing.

No. of Pages : 38 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.944/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :18/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD FOR PRODUCING GEMSTONES FROM SILICON CARBIDE

(51) International classification :C30B33/00,C30B29/36,C01B31/36
(31) Priority Document No :2010144123
(32) Priority Date :28/10/2010
(33) Name of priority country :Russia
(86) International Application No :PCT/RU2011/000627
Filing Date :18/08/2011
(87) International Publication No :WO 2012/057651
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :ul. Trubnaja 17 2 Moscow 127051 Russia
(72)Name of Inventor :
1)KLISHIN Aleksandr Valerevich
2)PETROV Jurij Ivanovich
3)TUZLUKOV Viktor Anatolevich

(57) Abstract :

The invention relates to cultivating and processing monocrystals. Silicon carbide produced by the given method can be used not only for the electronic industry and for jewellery making but also as glass or a housing for watches. The method comprises simultaneously cultivating a multiplicity of moissanite crystal blanks in a honeycomb mould of moulding graphite separating said blanks into individual crystals and faceting grinding and polishing said crystals. Before the faceting grinding and polishing an operation is carried out to label the blanks for faceting and then to relabel the blanks on the reverse side thereof. Polishing is carried out by polishing the moissanite on a ceramic wheel rotating at a rate of 200 to 300 rpm with the use of diamond powder (spray) with a grain size of 0.125 to 0.45 μm ensuring a graduation line depth of less than the length of a light wave in the visible part of the spectrum wherein the cut and cleaved edges and defective blanks unsuitable for faceting are pulverized and returned to the cultivation stage.

No. of Pages : 7 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3320/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :19/11/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : BEVERAGE WITH WEIGHT MANAGEMENT INGREDIENTS AND A PROCESS OF MAKING IT

(51) International classification	:A23F3/16, A23L2/38, A23C9/152	(71)Name of Applicant : 1)Tata Global Beverages Limited Address of Applicant :New Excelsior Building Level 4 Behind New Excelsior Theater Fort Mumbai 400 001 MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)PODDAR Pradeep
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A beverage and the process for manufacturing it form part of this invention. The beverage consists of predetermined ingredients. This ready to consume product shows increased acceptability in individuals suffering from obesity, due to the use of specific weight management ingredients in the constitution of the product. The process of manufacturing the product includes the steps of purification of water, mixing of ingredients, blending, homogenization and pasteurization of the beverage at specific process conditions.

No. of Pages : 17 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3534/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :14/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : SYSTEM FOR DETECTING STRUCTURED ARTIFACTS IN VIDEO SEQUENCES STRUCUTRED

(51) International classification	:h04n9/88, g11b7/09	(71) Name of Applicant : 1)TEKTRONIX, INC. Address of Applicant :14200 SW KARL BRAUN DRIVE, P.O. BOX 500, BEAVERTON, OREGON 97077-0001 U.S.A.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)ARVIND NAYAK
Filing Date	:NA	2)G V VARAPRASAD
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods for detecting structured artifacts in a video may begin by accepting a video frame at a video input and then generating a filtered frame from the video frame. After a differenced image is produced, groups of connected pixels (blobs) within the differenced frame are identified, and isolated blobs are removed to produce a cleaned image. A Fourier transform is performed on the cleaned image, and structured artifacts may be identified based on a comparison of magnitudes of the Fourier components of the cleaned image. Devices that detect and identify structured artifacts are also described.

No. of Pages : 18 No. of Claims : 15

(54) Title of the invention : ULTRA RAPIDLY HARDENING HYDRAULIC BINDER USING REDUCING SLAG POWDERS AND METHOD FOR PREPARING SAME

(51) International classification :C04B18/14,C04B28/08,C04B28/16
 (31) Priority Document No :1020100111768
 (32) Priority Date :10/11/2010
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2011/004281
 Filing Date :10/06/2011
 (87) International Publication No :WO 2012/064004
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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 250 Republic of Korea

(72)Name of Inventor :

1)KIM Jin Man

2)KWAK Eun Gu

3)OH Sang Yoon

4)KIM Chang Hak

5)KANG Ki Woong

6)HEO Dong Cheol

(57) Abstract :

The present invention relates to a technology for using as a high value material a reducing slag for an electric arc furnace which until now has been wasted now due to the self extracting property thereof caused by the high content of free lime (free CaO) thereof. Particularly the present invention relates to an ultra rapidly hardening hydraulic binder and to a method for preparing same wherein the ultra rapidly hardening hydraulic binder is obtained by scattering reducing slag for an electric arc furnace from byproducts generated during an iron refinement process in a steel mill using a high pressure gas quenching the slag to room temperature crushing the quenched slag and then mixing the reducing slag powders with plaster. More particularly the present invention relates to an ultra rapidly hardening hydraulic binder and to a method for preparing same which involve using reducing slag powders for an electric arc furnace wherein said hydraulic binder can be applied to various fields requiring a rapid hardening property and can replace Portland cement as the setting and hardening times thereof can be adjusted by mixing same with plaster.

No. of Pages : 25 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.955/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : MONITORING PREDICTING AND TREATING CLINICAL EPISODES

(51) International classification :A61B5/113

(31) Priority Document No :61/420402

(32) Priority Date :07/12/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IL2011/050045

Filing Date :07/12/2011

(87) International Publication No :WO 2012/077113

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)MEGER Guy

2)SHINAR Zvi

3)KARASIK Roman

4)KLAP Tal

5)HERBST Efrat

6)HALPERIN Avner

(57) Abstract :

Apparatus and methods are described including a motion sensor (30) that senses motion of a subject and generates a motion signal in response thereto. An oximetry sensor (86) measures oxygen saturation of the subject and generates an oximetry signal in response thereto. A control unit (14) analyzes the sensed motion and the sensed oximetry signal and filters out false alerts relating to a condition of the subject generated by the oximetry signal based on correlation between the oximetry signal and an aspect of the motion signal. Other embodiments are also described.

No. of Pages : 68 No. of Claims : 60

(54) Title of the invention : COMPOSITION AND PROCESS FOR TREATMENT OF A FABRIC

(51) International classification	:C11D3/00, C11D7/00	(71) Name of Applicant : 1)HINDUSTAN UNILEVER LIMITED Address of Applicant :165/166 BACKBAY RECLAMATION, MUMBAI - 400020, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PERINCHEERY ARAVINDAKSHAN
(87) International Publication No	:N/A	2)BARNE SAMEER KESHAV
(61) Patent of Addition to Application Number	:NA	3)RASTOGI ABHISHEK
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for treatment of a fabric. It further relates to a composition and a kit for treatment of a fabric. The invention will be described hereinafter with reference to this application. However, it will be appreciated that the invention is not limited to this particular field of use. It is an object to provide a composition and process for treatment of a fabric that improves efficacy of subsequent cleaning. The present inventors have found that a composition comprising a carboxylic acid polymer that has been neutralised at least partially to the salt form and a second polymer, capable of forming hydrogen bonds with the first polymer in the presence of an acid, provides both a secondary cleaning benefit and good storage stability, without forming polymer-polymer complex when it is in the solid formulation and give a complex when dispersed in water.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3516/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :13/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND SYSTEM FACILITATING SELECTIVE PRIVACY OF DATA OBJECTS SHARED IN A COMPUTING ENVIRONMENT

(51) International classification	:G06F17/00, G06F12/14	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)KARANDE, SHIRISH
(87) International Publication No	: NA	2)LODHA, SACHIN
(61) Patent of Addition to Application Number	:NA	3)SHUKLA MANISH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a system and a method for facilitating selective privacy of data objects in a computing environment. In the first step, one or more joint users of a data object are identified. Further, the joint users are authorized to recommend privacy protection settings over one or more section of said data object. In the next step, the data object is processed in order to determine a final section of the data object to be protected for one or more joint user. Also, one or more protected versions of said data object are created for each user. In the last step, the data object is reconfigured by applying one or more protection method and displaying the same, such that the protected version of the data object contains the privacy protection settings recommended by one or more respective joint users.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.797/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : REMOTE VIDEO PRODUCTION

(51) International classification :H04N5/222,H04H60/04,H04H60/05
(31) Priority Document No :10511764
(32) Priority Date :09/11/2010
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2011/051308
Filing Date :02/11/2011
(87) International Publication No :WO 2012/064256
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :Box 27265 Borgvgen 1 S 102 53
Stockholm Sweden
(72)Name of Inventor :
1)LUNDGREN Kent
2)ALLSTEDT Roger
3)PEDERSEN Leif Toftgaard

(57) Abstract :

The present invention relates to a system for remote video and/or audio production which system comprises a first part related to the control room for the video production and a second part on the site of an event to be recorded and where the first and second part communicate with each other by means of a data stream. It is proposed that the data stream is adapted to be sent between the first and second part by means of a wide area network.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.953/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : IMPROVED PHARMACEUTICAL STARTER PELLETS

(51) International classification	:A61K9/16,A61K9/50	(71)Name of Applicant :
(31) Priority Document No	:10 2010 050 457.2	1)SDZUCKER AKTIENGESELLSCHAFT
(32) Priority Date	:22/10/2010	MANNHEIM/OCHSENFURT
(33) Name of priority country	:Germany	Address of Applicant :Maximilianstrasse 10 68165 Mannheim
(86) International Application No	:PCT/EP2011/005297	Germany
Filing Date	:20/10/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/052178	1)BERNARD Jrg
(61) Patent of Addition to Application		2)LUHN Oliver
Number	:NA	3)KLEBOVICH Imre
Filing Date	:NA	4)ANTAL Istvan
(62) Divisional to Application Number	:NA	5)K LLAI Nikolett
Filing Date	:NA	

(57) Abstract :

The invention relates to improved pharmaceutical starter pellets consisting of a composition containing a mixture of 1.6-GPS and 1.1 - GPM, especially Isomalt, and microcrystalline cellulose (MCC), and to the use of the composition in pharmaceutical starter pellets for improving the release of a pharmaceutical active substance from the pellets and for improving the working products.

No. of Pages : 32 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.954/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : WEBPAGE PRE READING METHOD TRANSFER SERVER AND WEBPAGE PRE READING SYSTEM

(51) International classification	:H04L29/08
(31) Priority Document No	:201110008500.6
(32) Priority Date	:14/01/2011
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2011/084107
Filing Date	:16/12/2011
(87) International Publication No	:WO 2012/094937
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)LIANG Jie

(57) Abstract :

Provided are a webpage pre reading and integrated browsing method and system based on a transfer server the method comprises: requesting page data of a page from a network resource server according to a page access request sent by a mobile terminal specific to the page data of a page with a plurality of subpages; after acquiring the page data of the page from the network resource server execute a pre reading process from the page data of the acquired page until pre read the page data of predetermined layers of subpages of the page from the network resource server. Utilizing the present invention can flexibly acquire effective subpages and combine and rearrange the subpages allowing the webpage display to be more flexible humanized and speedy reducing operation processes for the user and enhancing the browsing experience of the user when browsing pages with multiple subpages.

No. of Pages : 30 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.812/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : NANOFIBER ELECTRODE AND METHOD OF FORMING SAME

(51) International classification	:H01M8/10, H01M4/88
(31) Priority Document No	:61/407332
(32) Priority Date	:27/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/058088
Filing Date	:27/10/2011
(87) International Publication No	:WO 2012/058425
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)PINTAURO Peter N.

2)ZHANG Wenjing

(57) Abstract :

In one aspect a method of forming an electrode for an electrochemical device is disclosed. In one embodiment the method includes the steps of mixing at least a first amount of a catalyst and a second amount of an ionomer or uncharged polymer to form a solution and delivering the solution into a metallic needle having a needle tip. The method further includes the steps of applying a voltage between the needle tip and a collector substrate positioned at a distance from the needle tip and extruding the solution from the needle tip at a flow rate such as to generate electrospun fibers and deposit the generated fibers on the collector substrate to form a mat with a porous network of fibers. Each fiber in the porous network of the mat has distributed particles of the catalyst. The method also includes the step of pressing the mat onto a membrane.

No. of Pages : 37 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(21) Application No.813/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : LOW TEMPERATURE CHLORINATION OF CARBOHYDRATES

(51) International classification :C07H5/02,C07H13/04,C07H13/08
(31) Priority Document No :61/416674
(32) Priority Date :23/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/061796
Filing Date :22/11/2011
(87) International Publication No :WO 2012/071385
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)LEXINGTON PHARMACEUTICAL LABORATORIES LLC
Address of Applicant :14300 Clay Terrace Boulevard Suite 249 Carmel Indiana 46032 U.S.A
(72)Name of Inventor :
1)ERICKSON William Randal
2)FIELDS Stephen Craig

(57) Abstract :

Disclosed is a method of chlorinating a carbohydrate or derivative thereof for example a sucrose 6 ester at the 4 1 and 6 positions with irreversible removal of HCl formed during the reaction to form the chlorinated carbohydrate or derivative thereof for example a 4 1 6 trichloro 4 1 6 trideoxy 6 ester of galactosucrose (TGS 6E). The irreversible removal of HCl can be carried out by an irreversible physical process and/or an irreversible chemical process. Sucralose an artificial sweetener can be prepared by deesterification of the TGS 6E. The chlorination reaction takes place at low temperatures and the desired chlorinated product is obtained in high yields and in high purities.

No. of Pages : 20 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(21) Application No.814/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : CONVEYOR

(51) International classification	:B65G21/02, B65G15/08
(31) Priority Document No	:PA 2010 00990
(32) Priority Date	:02/11/2010
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2011/000118
Filing Date	:26/10/2011
(87) International Publication No	:WO 2012/059101
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)FLEXMOVE SYSTEM (M) SDN BHD

Address of Applicant :264 Jalan Permatang Damar Laut 11960
Bayan Lepas Penang Malaysia

(72)Name of Inventor :

1)OLSEN Jesper

2)OLSEN Steffen

(57) Abstract :

The present invention relates to a conveyor system (2) comprising a support frame (4) and an endless carrier chain (6) arranged horizontally thereon and defining an upper part (6a) and a lower part (6b); the carrier chain thereby having an inner side (12) and an outer side (14); wherein said support frame comprises a shielding element (24) in an area (A) defined between the inner side (12a) of the upper part of the carrier chain (6) and the inner side (12b) of the lower part of the carrier chain (6); wherein said shielding element (24) itself or in combination with the first main support element (16) and/or the second main support element (18) having an extension that blocks a direct access between any point P1 located on the inner side (12a) of the upper part of the carrier chain (6) and a corresponding point P2 located on the inner side (12b) of the lower part of the carrier chain.

No. of Pages : 35 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2289/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :01/10/2009

(43) Publication Date : 11/07/2014

(54) Title of the invention : EUREKA.IN 3D ANIMATION E-CONTENT

(51) International classification	:G06T13/00, G06T15/70	(71) Name of Applicant : 1)DESIGNMATE (I) PVT. LTD. Address of Applicant :3RD FLOOR HORIZON, SWATI SOCIETY ROAD, DARPAN CIRCLE, AHMEDABAD - 380 014. GUJARAT - INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)CAPT KAMALJEET SINGH BRAR
(87) International Publication No	:n/a	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The method is a unique process of converting educational topics into versions of 3Dimensional and 3Dimensional stereoscopic movies which are supported by unique resources like 3D simulations, quizzes, images, scripts, web links, mindmaps and glossary of words. These showcase new methodologies discovered for learning. All the topics are created in 3D and 3D stereoscopy which is one of its kind curriculum library available in the world. The 3D eContent comes with bilingual feature which can be changed into any language at any point of time when the movie is playing. The unique eContent and resources can be played in 3D, 3D anaglyph and 3D stereoscopy versions.

No. of Pages : 17 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.815/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND APPARATUS FOR CONVERSION OF HEAT TO ELECTRICAL ENERGY USING A NEW THERMODYNAMIC CYCLE

(51) International classification	:H02N3/00,H01L37/00	(71)Name of Applicant :
(31) Priority Document No	:61/387752	1)THE NEOTHERMAL ENERGY COMPANY
(32) Priority Date	:29/09/2010	Address of Applicant :41 Muscogee Avenue N.W. Atlanta GA
(33) Name of priority country	:U.S.A.	30305 U.S.A.
(86) International Application No	:PCT/US2011/051407	(72)Name of Inventor :
Filing Date	:13/09/2011	1)ERBIL Ahmet
(87) International Publication No	:WO 2012/050708	2)WALBERT David F.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for converting heat to electricity is described. The method can be used to efficiently and economically generate electricity from thermal energy directly through ferroelectric or other polarizable materials without the need for first converting thermal energy to mechanical energy or to any other form of energy or work. The method can involve subjecting a polarizable material to a thermodynamic cycle having two isothermal steps and two steps that occur at constant polarization. In an ideal implementation this thermodynamic cycle allows the conversion of heat to electricity at the ultimate Carnot limit. The ferroelectric material can be continuously cycled in and out of its ferroelectric phase while heat is continuously converted to electricity at high voltage. The electrical energy so generated can be used in a virtually unlimited range of different applications or be stored for later use. An apparatus for converting heat to electricity is also described.

No. of Pages : 83 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(21) Application No.816/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND APPARATUS FOR CONVERSION OF HEAT TO ELECTRICAL ENERGY USING POLARIZABLE MATERIALS AND AN INTERNALLY GENERATED POLING FIELD

(51) International classification	:H02N3/00,H01L37/00	(71)Name of Applicant :
(31) Priority Document No	:61/387760	1)THE NEOTHERMAL ENERGY COMPANY
(32) Priority Date	:29/09/2010	Address of Applicant :41 Muscogee Avenue N.W. Atlanta GA
(33) Name of priority country	:U.S.A.	30305 U.S.A.
(86) International Application No	:PCT/US2011/051377	(72)Name of Inventor :
Filing Date	:13/09/2011	1)ERBIL Ahmet
(87) International Publication No	:WO 2012/050706	2)WALBERT David F.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for converting heat to electricity by exploiting changes in spontaneous polarization that occur in electrically polarizable materials is described. The method uses an internally generated field to achieve poling during cycling. The internal poling field is produced by retaining residual free charges on the electrodes at the appropriate point of each cycle. The method obviates the need for applying a DC voltage during cycling and permits the use of the electrical energy that occurs during poling rather than an external poling voltage which detracts from the net energy produced per cycle. The method is not limited to a specific thermodynamic cycle and can be used with any thermodynamic cycle for converting heat to electricity by thermally cycling electrically polarizable materials. The electrical energy generated can be used in various applications or stored for later use. An apparatus for converting heat to electricity is also described.

No. of Pages : 89 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/10/2009

(21) Application No.2363/MUM/2009 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : A PERSONAL CARE COMPOSITION

(51) International classification	:A61Q17/04, A61K8/35, A61K8/60	(71)Name of Applicant : 1)HIDUSTAN UNILEVER LIMITED Address of Applicant :UNILEVER HOUSE, B.D. SAWANT MARG, CHAKALA, ANDHERI EAST, MUMBAI-400 099 MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHUKLA RAVI KANT
(87) International Publication No	:N/A	2)GADGIL VIJAY RAMCHANDRA
(61) Patent of Addition to Application Number	:NA	3)BANDYOPADHYAY PUNAM
Filing Date	:NA	4)HEGDE ANIL SHANKARNARAYANA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a personal care composition for topical application comprising selective fractions of natural materials having photoprotective and skin lightening applications. The inventors found that certain fractions of natural materials which are rich in anthroquinones or naphthaquinones e.g. those from the Rubiaceae family provide for enhanced broad spectrum photoprotection especially in the visible range while also exhibiting enhanced activity in a biochemical pathway viz. tyrosinase inhibition which is indicative of improved skin lightening.

No. of Pages : 30 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.766/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : ANTIBODY AGAINST HUMAN PROSTAGLANDIN E2 RECEPTOR EP4

(51) International classification :C12N15/09,A61K39/395,A61P29/00
(31) Priority Document No :2010218158
(32) Priority Date :29/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/072190
Filing Date :28/09/2011
(87) International Publication No :WO 2012/043634
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NB HEALTH LABORATORY CO. LTD.
Address of Applicant :12-2, Kita 21-jou Nishi, Kita-ku,
Sapporo-shi, Hokkaido 0010021, Japan
(72)Name of Inventor :
1)TAKAYAMA Kiyoshi
2)SHIMIZU Tomoko
3)URUSHIBATA Yuji
4)SUGIMOTO Yukihiro

(57) Abstract :

Provided is an antibody which binds to the subtype EP4 of human PGE receptor and inhibits the function of EP4 or a functional fragment thereof. Also provided is a drug comprising said antibody or a functional fragment thereof. Mice were immunized with the subtype EP4 of human PGE receptor and a monoclonal antibody suppressing an increase in intracellular cAMP due to EP4 was screened. The CDR sequence of the monoclonal antibody thus obtained was determined.

No. of Pages : 109 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.817/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : CONTROL SYSTEM WITH SOLID STATE TOUCH SENSOR FOR COMPLEX SURFACE GEOMETRY

(51) International classification :G05G9/02,B60K28/02,B60W40/08
(31) Priority Document No :61/406337
(32) Priority Date :25/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/057702
Filing Date :25/10/2011
(87) International Publication No :WO 2012/061141
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)UICO INC.

Address of Applicant :612 Lamont Road Elmhurst IL 60126 U.S.A.

(72)Name of Inventor :

1)WADIA Bahar N.

(57) Abstract :

A solid state touch sensing system integrated into a control element for a device or equipment. The control element may have complex surface geometry. The system is capable of determining real time parameters indicative of the character of user contact with the control element and generating control signals for controlling the device or equipment or providing information or warnings to a user of the equipment.

No. of Pages : 26 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.818/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : STATOR BLADE UNIT OF ROTARY MACHINE METHOD FOR PRODUCING STATOR BLADE UNIT OF ROTARY MACHINE AND METHOD FOR JOINING STATOR BLADE UNIT OF ROTARY MACHINE

(51) International classification :F01D9/04,F01D25/00,F04D29/52

(31) Priority Document No :2011042310

(32) Priority Date :28/02/2011

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2011/075058

Filing Date :31/10/2011

(87) International Publication No :WO 2012/117612

(61) Patent of Addition to

Application Number :NA

Filing Date :NA

(62) Divisional to Application

Number :NA

Filing Date :NA

(71)Name of Applicant :

1)MITSUBISHI HEAVY INDUSTRIES LTD.

Address of Applicant :16 5 Konan 2 chome Minato ku Tokyo
1088215 Japan

(72)Name of Inventor :

1)NAKAYAMA Takeki

2)YAMAMOTO Yuki

(57) Abstract :

In this stator blade unit (9) of a rotary machine a plurality of stator blade members (10) are arrayed around a center axis and an outer shroud (12) formed at the outer periphery of each stator blade member (10) is continuous in the peripheral direction joined to each. The stator blade unit (9) is provided with: a first band member (20) that extends in the peripheral direction and contacts the outer shroud (12) of the plurality of stator blade members (10) from one side in the direction of the primary axis along which the center axis extends; a second band member (30) that extends in the peripheral direction and that contacts the outer shroud (12) of the plurality of stator blade members (10) from the other side in the direction of the primary axis; and a fastening member (40) that fastens the outer shroud (12) of the plurality of stator blade members (10) by fastening the first band member (20) to the second band member (30).

No. of Pages : 60 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.820/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : PRODUCTION OF HIGH PURITY PRECIPITATED CALCIUM CARBONATE

(51) International classification	:C01F11/18,C09C1/02	(71)Name of Applicant :
(31) Priority Document No	:10188840.2	1)OMYA DEVELOPMENT AG
(32) Priority Date	:26/10/2010	Address of Applicant :Baslerstrasse 42 CH 4665 Oftringen
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2011/068319	(72)Name of Inventor :
Filing Date	:20/10/2011	1)TAVAKKOLI Bahman
(87) International Publication No	:WO 2012/055750	2)S-TEMANN Jrg
(61) Patent of Addition to Application	:NA	3)POHL Michael
Number	:NA	4)SCHM-LZER Thomas
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for the preparation of precipitated calcium carbonate comprising the steps of a) providing and calcining calcium carbonate comprising material; b) slaking the reaction product obtained from step a) with an aqueous ammonium chloride solution; c) separating insoluble components from the calcium chloride solution obtained from step b); d) carbonating the calcium chloride solution obtained from step c); e) separating the precipitated calcium carbonate obtained from step d); the precipitated calcium carbonate obtained by this process as well as uses thereof.

No. of Pages : 29 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.872/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR MANAGING ACCOUNTING DATA

(51) International classification :G06Q40/00
(31) Priority Document No :2010226977
(32) Priority Date :06/10/2010
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2011/001273
Filing Date :06/10/2011
(87) International Publication No :WO 2012/045117
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)IMPACT MANAGEMENT GROUP PTY LTD
Address of Applicant :Suite 512 Level 5 Office Suite Building
159 175 Church Street Parramatta New South Wales 2150
Australia
(72)Name of Inventor :
1)NAGARAJ Veerachettiar

(57) Abstract :

Described herein are systems and methods for managing accounting data. In overview the present Detailed Description is focused on a web hosted accounting platform which embodies various significant aspects of the present technology. These include the likes of client/accountant interaction report generation and submission (for example using SBR or another predefined protocol) and ID key management. It will be appreciated that these aspects of technology in other embodiments exist independently of one another optionally within other software platforms which may be web hosted or locally executed.

No. of Pages : 43 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.821/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD FOR IMPROVING HANDLEABILITY OF CALCIUM CARBONATE CONTAINING MATERIALS

(51) International classification	:C09C1/02
(31) Priority Document No	:10189374.1
(32) Priority Date	:29/10/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/068258
Filing Date	:19/10/2011
(87) International Publication No	:WO 2012/055739
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)OMYA DEVELOPMENT AG
Address of Applicant :Baslerstrasse 42 CH 4665 Oftringen
Switzerland
(72)Name of Inventor :
1)GANE Patrick A. C.
2)BURI Matthias
3)BLUM Ren Vinzenz
4)RENTSCH Samuel

(57) Abstract :

The present invention concerns a calcium carbonate containing material having increased bulk density at equal or improved flowability and a method of producing such a material. The inventive process comprises the step of contacting a calcium carbonate containing mineral powder with a solution or emulsion or dispersion of a binder.

No. of Pages : 43 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.929/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :16/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND APPARATUS FOR ENCODING VIDEO BY MOTION PREDICTION USING ARBITRARY PARTITION, AND METHOD AND APPARATUS FOR DECODING VIDEO BY MOTION PREDICTION USING ARBITRARY PARTITION

(51) International classification	:H04N7/32,H04N7/24
(31) Priority Document No	:10-2009-0121400
(32) Priority Date	:08/12/2009
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2010/008735
Filing Date	:08/12/2010
(87) International Publication No	:WO/2011/071308
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1687/MUMNP/2012
Filed on	:06/07/2012

(71)Name of Applicant :

1)SAMSUNG ELECTRONICS CO., LTD.

Address of Applicant :129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742, Republic of Korea

(72)Name of Inventor :

1)LEE, Sun-Il

2)CHEON, Min-Su

3)HAN, Woo-Jin

(57) Abstract :

Disclosed is a method and apparatus of encoding a video, the method including: encoding the video data of maximum coding unit based on deeper coding units of hierarchical structures according to at least one split region of the maximum coding unit, with performing inter prediction using partitions obtained by splitting the coding unit according to arbitrary ratios, and determining a coding depth; and outputting a bitstream including the encoded video data corresponding to a coding depth according to maximum coding units and information regarding the coding depth and encoding modes.

No. of Pages : 51 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3454/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :06/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : PHARMACEUTICAL COMPOSITION COMPRISING MOMETASONE AND AZELASTINE

(51) International classification	:A61K31/57, A61P11/00	(71) Name of Applicant : 1)GLENMARK PHARMACEUTICALS LIMITED Address of Applicant :Glenmark House HDO Corporate Bldg Wing -A B. D. Sawant Marg Chakala Andheri (East) Mumbai 400 099 MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DHUPPAD Ulhas
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a fixed dose pharmaceutical composition comprising mometasone and azelastine. Particularly, the present invention provides a stable fixed dose pharmaceutical composition in the form of a nasal spray comprising mometasone or its salt and azelastine or its salt; a process for preparing such composition; and its use in treatment of rhinitis in a subject.

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.830/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : A PROCESS FOR THE PRODUCTION OF ETHYLENICALLY UNSATURATED CARBOXYLIC ACIDS OR ESTERS AND A CATALYST THEREFOR

(51) International classification :B01J27/18,B01J29/82,B01J29/83	(71)Name of Applicant :
(31) Priority Document No :1019092.4	1)LUCITE INTERNATIONAL UK LIMITED
(32) Priority Date :11/11/2010	Address of Applicant :Cumberland House 15 17 Cumberland
(33) Name of priority country :U.K.	Place Southampton Hampshire SO15 2BG U.K.
(86) International Application No :PCT/GB2011/052147	(72)Name of Inventor :
Filing Date :04/11/2011	1)ZIEMIAN Sabina
(87) International Publication No :WO 2012/063044	2)YORK Ian Andrew
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

A method of producing an ethylenically unsaturated carboxylic acid or ester such as (meth) acrylic acid or alkyl esters thereof for example methyl methacrylate is described. The process comprises the steps of contacting formaldehyde or a suitable source thereof with a carboxylic acid or ester for example propionic acid or alkyl esters thereof in the presence of a catalyst and optionally an alcohol. The catalyst comprises group II metal phosphate crystals having rod or needle like morphology or a suitable source thereof. The phosphate may be a hydroxyapatite pyrophosphate hydroxyphosphate POphosphate or mixtures thereof. The group II metal may be selected from Ca Sr Ba or mixtures thereof for example strontium hydroxyapatite and calcium hydroxyapatite. A catalyst system comprising a crystalline metal phosphate catalyst and a catalyst support is also described. The metal phosphate has rod/needle like morphology.

No. of Pages : 69 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/05/2013

(21) Application No.932/MUMNP/2013 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : MEDICINAL PREPARATION METHOD FOR PRODUCING THE MEDICINAL PREPARATION AND METHOD FOR THE USE THEREOF

(51) International classification :A61K33/04,A61K31/185,A61P17/00
(31) Priority Document No :2010150315
(32) Priority Date :09/12/2010
(33) Name of priority country :Russia
(86) International Application No :PCT/RU2011/000260
Filing Date :22/04/2011
(87) International Publication No :WO 2012/078072
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)OBSHESTVO S OGRANITCHENNOI OTVETSTVENNOSTJU OXYGON
Address of Applicant :ul. B. Gruzinskaya 1 32 34 Moscow 123056 Russia
(72)Name of Inventor :
1)MARDI Shalva Iosifovitch
2)USTYNYUK Lev Alexandrovich

(57) Abstract :

What is claimed is a medicinal preparation produced by the interaction of a selenium containing compound with alpha alpha dichlorocarboxylic acid stabilized with a maximum of 5% by mass preferably 1 3% by mass of nitric acid. The selenium containing compound used for the interaction is a maximum of 20.0% by mass preferably 0.5 10.0% by mass of a solution of selenious acid. The preparation may additionally comprise 5 20% of dimethyl sulphoxide. The method for producing the medicinal preparation involves interacting the selenium containing compound with alpha alpha dichloropropionic acid stabilized with a maximum of 5% by mass preferably 1 3% by mass of nitric acid wherein the selenium containing compound used for the interaction is 0.5 20.0% by mass preferably 0.5 10.0% by mass of a solution of selenious acid and the interaction is carried out at a temperature not higher than 70°C preferably at 20 30°C. When the medicinal preparation is used for treating benign viral premalignant and malignant nonmetastasizing skin lesions dyplastic lesions of the visible mucous membranes and other skin lesions said preparation is applied to the lesion site for 1 2 3 7 9 and 22 24 days of treatment.

No. of Pages : 19 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1885/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :17/08/2009

(43) Publication Date : 11/07/2014

(54) Title of the invention : COMPOSITIONS FOR SPINAL CORD INJURY

(51) International classification	:C12N15/113
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)MURALI KRISHNA ADDEPALLI

2)KRITI BIMALENDU RAY

3)BHARAT SAINI

4)SHAILAJA CHILE

5)BHARAT KUMAR

(57) Abstract :

This invention relates to the use of short nucleic acid molecules that modulate RhoA -kinase (RhoA) expression. The invention includes compounds, compositions and methods useful for silencing the expression and activity of the RhoA gene involved in the RhoA kinase pathway. In one embodiment, the present invention provides short nucleic acid molecules, such as siRNA, which can be used in treating, preventing, or inhibiting symptoms associated with acute spinal cord injuries.

No. of Pages : 46 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2201/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :22/09/2009

(43) Publication Date : 11/07/2014

(54) Title of the invention : METERED DOSE INHALER

(51) International classification	:G06M1/04, G06M1/08	(71) Name of Applicant : 1)CIPLA LIMITED
(31) Priority Document No	:NA	Address of Applicant :289, BELLASIS ROAD, MUMBAI
(32) Priority Date	:NA	CENTRAL, MUMBAI - 400 008, Maharashtra India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)LULLA AMAR
Filing Date	:NA	2)MALHOTRA, GEENA
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein an inhaler device comprising means for receiving a container of medicament, and a chamber having an outlet through which medicament dispensed from said container is inhaled during use of the inhaler device; wherein said chamber comprises a first inlet means through which medicament dispensed from said container enters said chamber during use; the inhaler device being characterised by said chamber comprising a second inlet means through which air enters said chamber during use.

No. of Pages : 13 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2380/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :12/10/2009

(43) Publication Date : 11/07/2014

(54) Title of the invention : NOVEL COMPOSITION OF RASAGILINE MESYLATE

(51) International classification	:C07C211/42, A61K31/135	(71) Name of Applicant : 1)INTAS PHARMACEUTICALS LIMITED Address of Applicant :INTAS PHARMACEUTICALS LIMITED, 2ND FLOOR, CHINUBHAI CENTRE, ASHRAM ROAD, AHMEDABAD 380 009, GUJARAT, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)NITESH NALINCHANDRA PANDYA
(87) International Publication No	: NA	2)MUTHAIYYAN ESSAKIMUTHU KANNAN
(61) Patent of Addition to Application Number	:NA	3)JAYANTA KUMAR MANDAL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention relates to novel pharmaceutical composition of Rasagiline mesylate wherein the said pharmaceutical composition has desired bioavailability. Further, the present invention also discloses process for the preparation of the said pharmaceutical composition of Rasagiline mesylate.

No. of Pages : 17 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.829/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : PROGNOSIS AND RISK ASSESSMENT OF PATIENTS WITH NON SPECIFIC COMPLAINTS

(51) International classification	:G01N33/50
(31) Priority Document No	:10189598.5
(32) Priority Date	:01/11/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/069170
Filing Date	:31/10/2011
(87) International Publication No	:WO 2012/059477
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)STRUCK Joachim
2)GIERSDORF Sven
3)HARTMANN Oliver
4)BINGISSER Roland
5)NICKEL Christian

(57) Abstract :

The present invention relates to the determination of the level of marker peptides in a sample derived from a bodily fluid of a subject presenting to the emergency department with non specific complaints.

No. of Pages : 86 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.881/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : IMPLANTABLE ACTUATOR FOR HEARING APPLICATIONS

(51) International classification	:H04R25/00
(31) Priority Document No	:10186963.4
(32) Priority Date	:08/10/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/067531
Filing Date	:07/10/2011
(87) International Publication No	:WO 2012/045852
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :BOULRVSRD DE LA PETRUSSE

124, 2330 LUXEMBOURG A LUXEMBOURGIAN COMPANY

(72)Name of Inventor :

1)LEBLANS Marc

(57) Abstract :

The invention relates to an electromechanical actuator 100 for hearing applications comprising one or more permanent magnets 10 and one or more magnetically permeable members 20 arranged to form a stator 50 and armature 70 arranged to provide one or more magnetic flux circuits 80 80 configured to give rise in the armature seat 52 to a position of unstable equilibrium for the armature 70 along the longitudinal A A axis and regions either side of the position of unstable equilibrium along the longitudinal A A axis where the armature applies a destabilization driven force to the compliant member that decreases the effective rigidity of the compliant member that retains to armature in a neutral position. The invention also relates to a hearing aid system incorporating the electromagnetic actuator.

No. of Pages : 44 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.825/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : PACKAGE BAG AND METHOD FOR PRODUCING SAME

(51) International classification :B31B1/74,B65D33/38
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2010/072649
Filing Date :16/12/2010
(87) International Publication No :WO 2012/081102
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)FUJIMORI KOGYO CO. LTD.
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Tokyo 1600023 Japan
(72)Name of Inventor :
1)MORI Toshihiko
2)KUBOTA Tomoko
3)TAKADA Yasuharu

(57) Abstract :

A method for producing a package bag (10) of the present invention comprises: a cured portion forming step wherein at least a part of a resin constituting a film (11) is crystallized by heating and cooling the film (11) on at least one side of a position where a rib (14) is to be formed so that cured portions (15a 15b) are formed; and a rib forming step for forming the rib (14) by pressing the film (11) with a concavo convex die. According to the present invention a discharge port (12) can be more easily maintained in the open state. Further the increase in thickness and the bulkiness of the package bag (10) can be suppressed because no additional material is necessary.

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.826/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : ANCHOR DATA COMMUNICATION SYSTEM

(51) International classification	:B63B21/26,H04B13/02	(71)Name of Applicant :
(31) Priority Document No	:1018670.8	1)BRUPAT LIMITED
(32) Priority Date	:05/11/2010	Address of Applicant :Anchor House Ballafletcher Road
(33) Name of priority country	:U.K.	Cronkbourne Douglas Isle of Man IM4 4QE U.K
(86) International Application No	:PCT/GB2011/052136	(72)Name of Inventor :
Filing Date	:03/11/2011	1)BRUCE Peter
(87) International Publication No	:WO 2012/059760	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An anchor data communication system (1) for communication of measurement data provided by instrumentation (2) mounted on a marine anchor (3) buried below a surface (5) of a mooring bed (4) including a first transponder (10) mounted on a line member (7 3D) attached to said anchor (3) and connected by conductor means (11) to said instrumentation (2) and a second transponder (12 12A) mounted on said line member (7 3D) or suspended from a floating structure (8 21A) and connected to a transceiver (9 9A) on said floating structure (8 21A) wherein an axis (10A 12B) of an emission beam (10B 12C) of at least one of said transponders (10 12 12A) is constrained in heading by said line member (7 3D) to maximize the strength of signals from said first transponder (10) arriving at said second transponder (12 12A).

No. of Pages : 35 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.940/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND APPARATUS FOR ENCODING AND DECODING IMAGE BY USING LARGE TRANSFORMATION UNIT

(51) International classification :H04N 7/24
(31) Priority Document No :10-2009-0074895
(32) Priority Date :13/08/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/005327
Filing Date :13/08/2010
(87) International Publication No :WO/2011/019234
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :585/MUMNP/2012
Filed on :09/03/2012

(71)Name of Applicant :
1)SAMSUNG ELECTRONICS CO., LTD.
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Suwon-si, Gyeonggi-do 442-742, Republic of Korea
(72)Name of Inventor :
1)LEE, Tammy
2)HAN, Woo-Jin
3)CHEN, Jianle
4)JUNG, Hae-Kyung

(57) Abstract :

Disclosed are an image encoding method and apparatus for encoding an image by grouping a plurality of adjacent prediction units into a transformation unit and transforming the plurality of adjacent prediction into a frequency domain, and an image decoding method and apparatus for decoding an image encoded by using the image encoding method and apparatus.

No. of Pages : 33 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/05/2013

(21) Application No.893/MUMNP/2013 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : LEAVE ON NONSOLID SKIN CONDITIONING COMPOSITIONS CONTAINING 12 HYDROXYSTEARIC ACID

(51) International classification :A61K8/34,A61K8/365,A61K8/37
(31) Priority Document No :-
(32) Priority Date :-
(33) Name of priority country :Argentina
(86) International Application No :PCT/CN2010/078655
Filing Date :11/11/2010
(87) International Publication No :WO 2012/061991
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)UNILEVER PLC
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(72)Name of Inventor :
1)BARROW Stephen Roy
2)CROTTY Brian Andrew
3)DOBKOWSKI Brian John
4)HARICHIAN Bijan
5)LIU Yingjuan
6)MOADDEL Teanoosh
7)PEHRATOVIC Hasiba
8)WU Jiwei

(57) Abstract :

Leave on non solid skin conditioning compositions are disclosed. The composition comprises from about 0.01 to about 15% by weight of the composition of 12 hydroxystearic acid from about 0.1 to about 30% by weight of the composition of a nonionic surfactant and from about 0.05% to about 10% of a thickening polymer. The ratio of total nonionic surfactant to 12 hydroxystearic acid is in the range from about 90:10 to about 25:75. The weight ratio of the polymer to the total nonionic surfactant is in the range of from about 5:95 to about 70:30. The composition has a viscosity in the range of from about 1Pas to about 500 Pas and is structurally reversible through temperature cycling between room temperature and 50°C.

No. of Pages : 37 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.945/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : OXAZOLO [5 4 B] PYRIDIN 5 YL COMPOUNDS AND THEIR USE FOR THE TREATMENT OF CANCER

(51) International classification :C07D498/04,A61K31/424,A61P35/00
(31) Priority Document No :10382329.0
(32) Priority Date :03/12/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/US2011/061099
Filing Date :17/11/2011
(87) International Publication No :WO 2012/074761
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ELI LILLY AND COMPANY
Address of Applicant :Lilly Corporate Center Indianapolis
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(72)Name of Inventor :
1)COATES David Andrew
2)GILMOUR Raymond
3)MARTIN Jose Alfredo
4)MARTIN DE LA NAVA Eva Maria

(57) Abstract :

The present invention provides oxazolo[5 4 b]pyridin 5 yl compounds useful in the treatment of cancer.

No. of Pages : 59 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.946/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : APPARATUS AND METHOD OF MANUFACTURING OBJECTS WITH VARYING CONCENTRATION OF PARTICLES

(51) International classification :B01F3/12,B01F15/02,B01F5/06
(31) Priority Document No :2904/MUM/2010
(32) Priority Date :19/10/2010
(33) Name of priority country :India
(86) International Application No:PCT/IB2011/054676
Filing Date :19/10/2011
(87) International Publication No :WO 2012/052949
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)I2IC CORPORATION
Address of Applicant :776 Coronado Lane Foster City CA
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(72)Name of Inventor :
1)KANADE Udayan

(57) Abstract :

An apparatus and method for manufacturing an object with a varying concentration of particles with a defined concentration profile are disclosed. In an embodiment the object with varying concentration of particles is manufactured by mixing liquids comprising different particle concentrations the proportion in which such liquids are mixed being varied over time. The resultant liquid is cast or extruded into the required shape to form the object with a varying concentration of particles.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.947/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : WEARABLE THERAPEUTIC DEVICE

(51) International classification	:A61N1/04,A61N1/39	(71)Name of Applicant :
(31) Priority Document No	:61/421970	1)ZOLL MEDICAL CORPORATION
(32) Priority Date	:10/12/2010	Address of Applicant :269 Mill Road Chelmsford MA 01824
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/064056	(72)Name of Inventor :
Filing Date	:09/12/2011	1)OSKIN Emil
(87) International Publication No	:WO 2012/078937	2)SKALOS Philip C.
(61) Patent of Addition to Application		3)KAIB Thomas E.
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A wearable therapeutic device is provided. The wearable therapeutic device includes a garment and the garment includes an electrode and a conductive thread. A control unit is coupled to the conductive thread and identifies an electrical connection between a conductive surface of the electrode and the conductive thread and an alarm module can provide information about the positioning of the electrode in the garment based on the electrical connection.

No. of Pages : 41 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.948/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : FUEL DISPENSING NOZZLE

(51) International classification :B65B31/00

(31) Priority Document No :61/405351

(32) Priority Date :21/10/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/057079

Filing Date :20/10/2011

(87) International Publication No :WO 2012/054714

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)LAUBER Matthew R.

2)GARRISON Timothy M.

3)SCHUBERT Harold M.

4)KESTERMAN James E.

(57) Abstract :

A nozzle for dispensing fluid including a nozzle body having a fluid path which is configured to receive fluid therein and a vapor path which is configured to receive vapor therein. A main fluid valve including a main fluid valve spring is configured to bias the main fluid valve to one of its open or closed positions. A main vapor valve is positioned in the vapor path and includes a main vapor valve spring configured to bias the main vapor valve to one of its open or closed positions. At least part of the main fluid valve spring or the main vapor valve spring is positioned within the other one of the main fluid valve spring or the main vapor valve spring such that the main fluid spring and the main vapor spring at least partially overlap in an axial direction.

No. of Pages : 79 No. of Claims : 159

(12) PATENT APPLICATION PUBLICATION

(21) Application No.949/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : MANUFACTURE METHOD OF ORIENTED SILICON STEEL HAVING GOOD MAGNETIC PERFORMANCE

(51) International classification :C21D8/12,B21B37/48
(31) Priority Document No :201010561051.3
(32) Priority Date :26/11/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/073419
Filing Date :28/04/2011
(87) International Publication No :WO 2012/068830
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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2)JIN Weizhong

3)SUN Huande

4)YANG Guohua

5)SHEN Kanyi

6)HUANG Jie

7)HU Deyang

8)LI Guobao

(57) Abstract :

Manufacture method of oriented silicon steel having good magnetic performance is disclosed. The method comprises the following steps: 1) conventional smelting and casting into blank; 2) heating the blank and hot rolling into strip steel; 3) normalization process i.e. two stage normalization process including first heating to 1100 1200 then cooling to 900 1100 within 50 200s and rapidly cooling down in water of 10 100 during which applying tension to the strip steel and the stress applied to the strip steel is 1 200M/mm during the temperature range of 900 500; 4) cold rolling i.e. one step cold rolling or two step cold rolling with intermediate annealing; 5) primary re crystallization annealing then applying final annealing comprising secondary re crystallization annealing and purification annealing by coating annealing separant which mainly includes MgO. The invention optimizes the content and distribution of martensite in the steel plate after normalization by adjusting the stress applied to the steel plate while normalization transformation so as to make the content of martensite in the range ensuring a better magnetic performance of the final products and optimize the magnetic performance of final products.

No. of Pages : 18 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.844/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : PHARMACEUTICAL COMPOSITION

(51) International classification :A61K31/167,A61K31/46,A61K31/4704
(31) Priority Document No :2847/MUM/2010
(32) Priority Date :12/10/2010
(33) Name of priority country :India
(86) International Application No :PCT/GB2011/001115
Filing Date :25/07/2011
(87) International Publication No :WO 2012/049444
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CIPLA LIMITED
Address of Applicant :Mumbai Central Mumbai 400 008
MAHARASHTRA, INDIA.
2)CURTIS Philip Anthony
(72)Name of Inventor :
1)MALHOTRA Geena
2)PURANDARE Shrinivas Madhukar

(57) Abstract :

A pharmaceutical composition comprising a beta agonist selected from indacaterol and formoterol in combination with a corticosteroid selected from fluticasone and ciclesonide and optionally one or more pharmaceutically acceptable excipients.

No. of Pages : 61 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/05/2013

(21) Application No.950/MUMNP/2013 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : FEEDBACK SCAN ISOLATION AND SCAN BYPASS ARCHITECTURE

(51) International classification :G01R31/3185
(31) Priority Document No :12/944090
(32) Priority Date :11/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/060372
Filing Date :11/11/2011
(87) International Publication No :WO 2012/065064
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International Ip Administration
5775 Morehouse Drive San Diego California 92121 U.S.A.
(72)Name of Inventor :
1)POLICKE Paul F.
2)KIM Hong S.
3)BASSETT Paul Douglas

(57) Abstract :

A feedback scan isolation and bypass architecture apparatus and method. The apparatus includes core logic and input and output multiplexers. The input multiplexer selectively provides a functional input or the core output to the core input based on a test signal. The output multiplexer selectively provides the core output or the input multiplexer output to a functional output based on the test signal. When the test signal indicates core feedback testing the output multiplexer outputs the core output and the input multiplexer feeds back the core output to the core input. When the test signal indicates bypass testing the input multiplexer outputs the functional input and the output multiplexer outputs the functional input bypassing the core logic. Logic can block the feedback or bypass signals when there are timing issues. Logic can modify the number of feedback or bypass signals when the number of functional inputs and outputs are different.

No. of Pages : 31 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/05/2013

(21) Application No.951/MUMNP/2013 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : APPARATUSES FOR TREATMENT OF MEIBOMIAN GLANDS

(51) International classification	:A61F 7/00,A61B 19/00
(31) Priority Document No	:--
(32) Priority Date	: -
(33) Name of priority country	:Argentina
(86) International Application No	:PCT/US2007/000525
Filing Date	:09/01/2007
(87) International Publication No	:WO/2008/085162
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:555/MUMNP/2009
Filed on	:20/03/2009

(71)Name of Applicant :

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Address of Applicant :1101 G Aviation Parkway, Morrisville, North Carolina 27560, United States of America

(72)Name of Inventor :

1)Donald R. Korb

2)Timothy R. Willis

3)Stephen M. Grenon

(57) Abstract :

An apparatus for treating mammalian meibomian glands is disclosed. In one example, the apparatus includes a device capable of applying regulated heat from a regulated heat source to an eyelid. The device is arranged to apply and maintain the regulated heat to an eyelid containing the meibomian glands that reaches a temperature adequate to melt obstructions within the meibomian gland channel of the meibomian glands and place the obstructions in a melted state. The device is further arranged to mechanically treat one or more of the meibomian glands by expressing melted obstructions from within the meibomian gland channel through the meibomian gland orifice, wherein the mechanical treating is carried out either during the time period or after the time period but while the obstruction remains in the melted state.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.956/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHODS AND KITS FOR DIFFERENTIAL STAINING OF ABNORMAL URINARY SYSTEM CELLS

(51) International classification :C12Q1/68,G01N1/30,G01N33/48

(31) Priority Document No :61/415893

(32) Priority Date :22/11/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IL2011/050016

Filing Date :17/11/2011

(87) International Publication No :WO 2012/070041

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)IDELEVICH Pavel

2)ELKELES Adi

3)TERKIELTAUB Dov

4)EYAL Ami

(57) Abstract :

A method of conditioning urinary system cells for identification of abnormal cells is provided. The method is effected by contacting the urinary system cells with an extract from a Ficus plant or one or more components thereof thereby conditioning the abnormal cells for identification. Methods for subsequent detection of the abnormal cells are also provided.

No. of Pages : 47 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.805/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD FOR COATING NANOPARTICLES

(51) International classification :G01N33/543

(31) Priority Document No :1017251.8

(32) Priority Date :13/10/2010

(33) Name of priority country :U.K.

(86) International Application No :PCT/EP2011/067894

Filing Date :13/10/2011

(87) International Publication No :WO 2012/049251

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)PHARMADIAGNOSTICS NV

Address of Applicant :Z1 Research Park 310 B 1731 Zellik
Belgium

(72)Name of Inventor :

1)VAN HOONACKER Anne

2)ROSKAMP Meike

3)ENGLEBIENNE Patrick

(57) Abstract :

The invention relates to methods for coating nanoparticles with a limited amount of a binding partner and nanoparticles obtainable by the methods disclosed. In particular the invention is of interest when coating with only a limited amount of protein is desirable.

No. of Pages : 36 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3559/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :19/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : FLANGE FOR A HEAT EXCHANGER

(51) International classification	:F28D9/00, F28F3/08	(71)Name of Applicant : 1)BEHR GMBH & CO. KG Address of Applicant :MAUSERSTRASSE 3, 70469 STUTTGART, Germany
(31) Priority Document No	:NA	2)BEHR INDIA LTD.
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)MANOHAR R. KULKARNI
(86) International Application No	:NA	2)DR. PEDRO GONZALEZ
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention refers to a Flange for a heat exchanger (11), in particular a condenser of a vehicle air conditioner, for fixing at least one connection line (14) to a manifold (12) comprising at least a first passage (2, 3) for supplying said heat exchanger (11) with a fluid or for discharging the fluid ohe heat exchanger, wherein the flange (1) is constructed of one piece, whereby the flange is casted. A casted flange is easy to manufacture and reduces the costs of machining and material wastage

No. of Pages : 16 No. of Claims : 7

(54) Title of the invention : METHOD AND DEVICE FOR LAYING DOWN AND TENSIONING AN IMPERMEABLE COVER FOR HYDRAULIC WORKS IN LOOSE MATERIAL

(51) International classification	:E02B3/16	(71)Name of Applicant :
(31) Priority Document No	:MI2011A000028	1)GSI GEOSYNTEC INVESTMENT B.V.
(32) Priority Date	:14/01/2011	Address of Applicant :c/o Sorato Trust B.V. Spoorhaven 88
(33) Name of priority country	:Italy	NL 2651 AV Berkel en Rodenrijs Netherlands
(86) International Application No	:PCT/EP2012/050423	(72)Name of Inventor :
Filing Date	:12/01/2012	1)SCUERO Alberto
(87) International Publication No	:WO 2012/095483	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and a device suitable for laying down and tensioning an impermeable cover comprising a plurality of geostrips (20) for protection of hydraulic structures (10) consisting of loose material such as a dam canal and/or water basin. A plurality of trenches or grooves (14) are excavated into the soil (12 13) of the hydraulic structure (10) all running in a predetermined direction; each trench (14) is shaped to have a finished inner surface suitable to come in contact with the geostrips (20) provided by a compactable inert loose material having a fine particle size for example less than 0.6 0.5 mm. In the case of soils containing inert rocky materials or materials with high granulometry each trench (14) can optionally include a layer of drainage material (15). The laying down of the impermeable cover consisting of said plurality of geostrips (20) is then carried out resting the geostrips (20) in contact with the soil surface bridging the trenches (14); the geostrips (20) are sealed along overlapped edges pushed into a first set of alternate trenches (14A) and locked by a first ballast material (22) leaving the geostrips (20) bridging a second set of alternate trenches (14B) adjacent to the previous ones. The geostrips (20) are then tensioned by pushing and locking them into the second set of trenches (14B) by a second ballast material (22).

No. of Pages : 25 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.957/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : HEAD MOUNTED DISPLAY APPARATUS EMPLOYING ONE OR MORE FRESNEL LENSES

(51) International classification :G02B27/01,G02B27/00
(31) Priority Document No :61/405440
(32) Priority Date :21/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/055826
Filing Date :20/12/2011
(87) International Publication No :WO 2012/052981
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)LOCKHEED MARTIN CORPORATION
Address of Applicant :6801 Rockledge Drive Bethesda
Maryland 20817 U.S.A.
(72)Name of Inventor :
1)SMITH David Alan
2)WIESE Gary E.
3)CUDDIHY Glenn Clark
4)HARRISON Gregory A.

(57) Abstract :

Head mounted displays (100) are disclosed which include a frame (107) an image display system (110) supported by the frame (107) and a Fresnel lens system (115) supported by the frame (107). The HMD (100) can employ a reflective optical surface e.g. a free space ultra wide angle reflective optical surface (a FS/UWA/RO surface) (120) supported by the frame (107) with the Fresnel lens system (115) being located between the image display system (110) and the reflective optical surface (120). The Fresnel lens system (115) can include at least one curved Fresnel lens element (820). Fresnel lens elements (30) for use in HMDs are also disclosed which have facets (31) separated by edges (32) which lie along radial lines (33) which during use of the HMD pass through a center of rotation (34) of a nominal user s eye (35) or through the center of the eye s lens (36) or are normal to the surface of the eye s cornea.

No. of Pages : 59 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.958/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : HEAD MOUNTED DISPLAY APPARATUS EMPLOYING ONE OR MORE REFLECTIVE OPTICAL SURFACES

(51) International classification :G02B27/01,G02B27/00
(31) Priority Document No :61/405440
(32) Priority Date :21/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/055820
Filing Date :20/12/2011
(87) International Publication No :WO 2012/052979
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)SMITH David Alan
2)HARRISON Gregory A.
3)WIESE Gary E.

(57) Abstract :

Head mounted displays (100) are disclosed which include a frame (107) an image display system (110) supported by the frame (107) and a reflective surface e.g. a free space ultra wide angle reflective optical surface (a FS/UWA/RO surface) (120) supported by the frame (107). In certain embodiments the reflective surface (120) produces spatially separated virtual images that are angularly separated by at least 100 150 or 200 degrees. Methods and apparatus for designing reflective optical surfaces including FS/UWA/RO surfaces for use in head mounted displays (100) are also disclosed.

No. of Pages : 46 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.959/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHODS AND SYSTEMS FOR CREATING FREE SPACE REFLECTIVE OPTICAL SURFACES

(51) International classification :G02B27/01,G02B27/00,G02B17/06
(31) Priority Document No :61/405440
(32) Priority Date :21/10/2010
(33) Name of priority country:U.S.A.
(86) International Application No :PCT/IB2011/055824
Filing Date :20/12/2011
(87) International Publication No :WO 2012/052980
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)LOCKHEED MARTIN CORPORATION
Address of Applicant :6801 Rockledge Drive Bethesda
Maryland 20817 U.S.A.
(72)Name of Inventor :
1)HARRISON Gregory A.
2)SMITH David Alan
3)WIESE Gary E.

(57) Abstract :

Computer based methods and associated computer systems are disclosed for designing free space reflective optical surfaces (13) for use in head mounted displays (HMDs). The reflective optical surface (13) produces a virtual image of a display surface (11) for viewing by a user s eye (15). The method includes using one or more computers to: (i) represent the display surface (11) by display objects (25); (ii) represent the free space reflective optical surface (13) by surface elements (23); and (iii) iteratively calculate spatial locations normals and radii of curvature for the surface elements (23) which will cause a virtual image of each display object (25) to be displayed to a nominal user s eye (15) in a desired direction of gaze of the eye (15).

No. of Pages : 37 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.807/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : SYSTEMS AND METHODS TO IMPROVE FEATURE GENERATION IN OBJECT RECOGNITION

(51) International classification	:G06K9/46
(31) Priority Document No	:12/915652
(32) Priority Date	:29/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/058166
Filing Date	:27/10/2011
(87) International Publication No	:WO 2012/058481
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121 U.S.A.
(72)**Name of Inventor :**
1)QI Yingyong

(57) Abstract :

Present embodiments contemplate systems apparatus and methods to improve feature generation for object recognition. Particularly present embodiments contemplate excluding and/or modifying portions of images corresponding to dispersed pixel distributions. By excluding and/or modifying these regions within the feature generation process fewer unfavorable features are generated and computation resources may be more efficiently employed.

No. of Pages : 38 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.808/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : GEO LOCATION AIDED SENSING

(51) International classification	:H04W16/14,H04W74/08	(71) Name of Applicant :
(31) Priority Document No	:61/413775	1)QUALCOMM Incorporated
(32) Priority Date	:15/11/2010	Address of Applicant :Attn: International Ip Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 U.S.A.
(86) International Application No	:PCT/US2011/060827	(72) Name of Inventor :
Filing Date	:15/11/2011	1)SADEK Ahmed K.
(87) International Publication No	:WO 2012/068138	2)TANDRA Rahul
(61) Patent of Addition to Application Number	:NA	3)BARBIERI Alan
Filing Date	:NA	4)PALANKI Ravi
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There lies a challenge to develop a technique of accurately and efficiently determining an available communication channel. In accordance with some embodiments disclosed herein techniques for sensing a primary user of a particular communication channel are performed more efficiently. In some implementations a geo location of a communication device is combined with a sensing algorithm in order to more efficiently perform spectrum sensing. In some implementations a geo location and an accuracy determination may be used to determine all required sample regions in order to ensure that a primary user is not present in a particular location.

No. of Pages : 55 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.809/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : HIGH VOLTAGE ENERGY HARVESTING AND CONVERSION RENEWABLE ENERGY UTILITY SIZE ELECTRIC POWER SYSTEMS AND VISUAL MONITORING AND CONTROL SYSTEMS FOR SAID SYSTEMS

(51) International classification :H02J3/38,H02J7/35,F03D7/04
(31) Priority Document No :61/389816
(32) Priority Date :05/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/054943
Filing Date :05/10/2011
(87) International Publication No :WO 2012/048012
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALENCON ACQUISITION CO. LLC.
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(72)**Name of Inventor :**
1)FISHMAN Oleg S.
2)SCHWABE Ulrich K.W.

(57) Abstract :

A renewable energy utility size electric power system is provided with a high voltage renewable energy harvesting network connected by a direct current link to a centralized grid synchronized multiphase regulated current source inverter system. The harvesting network includes distributed renewable energy power optimizers and transmitters that control delivery of renewable energy to the grid synchronized multiphase regulated current source inverter system. A visual immersion monitoring and control system can be provided for a three dimensional visually oriented virtual reality display command and control environment.

No. of Pages : 27 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2531/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :03/11/2009

(43) Publication Date : 11/07/2014

(54) Title of the invention : A TERMINAL CLAMPING ASSEMBLY

(51) International classification	:H01R4/44, H01R4/38, H01R4/34	(71)Name of Applicant : 1)PARBAT VIKAS GANGARAM Address of Applicant :D-228, MIDC, RANJANGAON, SHIRUR, DIST. PUNE Maharashtra India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)PARBAT VIKAS GANGARAM
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A terminal clamping assembly (10) is disclosed wherein a conducting insert (12) is conductively connected to a conducting element forming an insert assembly. The insert assembly is located within a moulded body (26) having a first recess (34) and a second recess. The first recess (34) is adapted to receive a terminal of a battery to conductively abut with the conducting insert (12) with the help of a clamping bolt (38). A cable connecting bolt (44) is adapted to conductively connect a cable to the conducting element through the second recess.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.960/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : FREE PISTON ENGINE GENERATOR

(51) International classification :F02B63/04,F02B71/04,H02K7/18

(31) Priority Document No :1021406.2

(32) Priority Date :17/12/2010

(33) Name of priority country :U.K.

(86) International Application
No :PCT/GB2011/051154

Filing Date :21/06/2011

(87) International Publication
No :WO 2012/080709

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

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York Yorkshire YO19 4SQ U.K.

(72)Name of Inventor :

1)COCKERILL Sam

(57) Abstract :

A free piston engine generator comprising an engine cylinder a piston configured to move within the cylinder a cylinder housing having a bore for receiving the engine cylinder and a plurality of magnetisable elements arranged within the cylinder housing to be adjacent the cylinder along at least a portion of its length.

No. of Pages : 57 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2234/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :25/09/2009

(43) Publication Date : 11/07/2014

(54) Title of the invention : PROCESSES FOR THE PREPARATION OF RAPAMYCIN DERIVATIVES

(51) International classification	:C07D319/06, C07D319/08	(71) Name of Applicant : 1)CADILA HEALTHCARE LIMITED Address of Applicant :ZYDUS TOWER, SATELLITE CROSS ROADS, AHMEDABAD - 380 015, GUJARAT, INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)DAVE MAYANK GHANSHYAMBHAI
(33) Name of priority country	:NA	2)PANDEY BIPIN
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to processes for the preparation of compound of CCI-779 having the Formula (I), which is useful as an antineoplastic agent. The invention further relates to certain novel intermediates useful in the preparation of compound of CCI-779 and processes for their preparation. The invention also relates to pharmaceutical compositions that include the compound of CCI-779, prepared according to the processes disclosed herein.

No. of Pages : 59 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.336/MUM/2009 A

(19) INDIA

(22) Date of filing of Application :17/08/2009

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND SYSTEM FOR IN-SITU CONSTRUCTION OF CIVIL STRUCTURES

(51) International classification	:E04B1/00, E04G21/00, E04C5/00	(71)Name of Applicant : 1)KAILAS SURESH KENJALE Address of Applicant :22 PARVATI GAON, PUNE 411009 MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	(72)Name of Inventor :
(33) Name of priority country	:NA	1)KAILAS SURESH KENJALE
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An assembly of pre-cast elements like concrete column forms, beam forms and lightweight concrete wall elements for building a cast-in-situation reinforced concrete structure & building and, method of manufacturing, assembling, erecting & casting the same. The casted assemblies/modules are then put together on site in order to receive the column rebar cages & cast-in-situation concrete therein to form a monolithic RCC structure. The assemblies are manufactured in the factory, transported to the site, erected with the help of a crane, fitted with a special kind of formwork panels, formwork support assemblies & rebar grid.

No. of Pages : 30 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.810/MUMNP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : INTERMEDIATE COMPOUNDS AND PROCESS FOR THE PREPARATION OF FINGOLIMOD

(51) International classification :C07C209/34

(31) Priority Document No :61/407483

(32) Priority Date :28/10/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/IL2011/000838

Filing Date :27/10/2011

(87) International Publication No :WO 2012/056458

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)MAROM Ehud

2)MIZHIRITSKII Michael

3)RUBNOV Shai

(57) Abstract :

The present invention relates to processes for the preparation of (2 Amino 2 [2 (4 octylphenyl)ethyl]propane 1 3 diol hydrochloride (Fingolimod) and pharmaceutically acceptable salts thereof and intermediates formed in such processes.

No. of Pages : 40 No. of Claims : 41

(54) Title of the invention : THERMAL STORAGE TYPE GAS TREATING APPARATUS

(51) International classification :F23G7/06,F16K11/074,F23L13/04
 (31) Priority Document No :2004-189497
 (32) Priority Date :28/06/2004
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2005/11793
 Filing Date :28/06/2005
 (87) International Publication No :WO/2006/001437
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :4767/CHENP/2006
 Filed on :28/06/2005

(71)Name of Applicant :

1)TAIKISHA LTD.

Address of Applicant :6-1, NISHISHINJUKU 2-CHOME, SHINJUKU-KU, TOKYO 163-0212 Japan

(72)Name of Inventor :

1)MATSUI, YOSHIAKI**2)NAGATA, YUJI****3)HORISAWA, SATOSHI****4)MIWA, TOMOTAKA**

(57) Abstract :

A thermal storage type gas treating apparatus has a high sealing performance while achieving a simple apparatus construction. The thermal storage type gas treating apparatus includes a valve member 11 rotatable to place successively a supply port 33 for a gas to be treated and an exhaust port 35 for a treated gas formed in the valve member, in an opposed and communicating relationship with supply and exhaust ports 16 formed in a distributor 10, thereby successively passing gas G to be treated and treated gas G through a plurality of thermal storage chambers 3 communicating at one and with a combustion chamber 6. The valve member 11 is supported to be displaceable toward and away from the distributor 10. A valve biasing device 44A is provided for pressing the valve body 11 to the distributor 10, while being inoperative with respect to a gas chamber device 13.

No. of Pages : 146 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10794/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : TRANSFORMER WITH SHIELDING RINGS IN WINDINGS

(51) International classification :H01F27/36
(31) Priority Document No :10167483.6
(32) Priority Date :28/06/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/060797
Filing Date :28/06/2011
(87) International Publication No :WO 2012/000983
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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1)MURILLO Rafael

2)ROY Carlos

3)SMAJIC Jasmin

4)DONZEL Lise

5)TEPPER Jens

6)LETOSA FLETA Jesus

7)USON Antonio

8)VILLAN Maria Teresa

9)SAMPLON Miguel

(57) Abstract :

The invention relates to the shielding of windings of a transformer in particular to a coil and electric shielding arrangement for a transformer a transformer with the arrangement and a method of manufacturing a coil and electric shielding arrangement for a transformer. A coil and electric shielding arrangement (200) for a dry type transformer is provided wherein an electric shielding device (120 204) is arranged at a distance (D1 D2) to a winding (103 202) at an axial end (116 118) of the winding (103 202) perpendicular to a longitudinal axis (A) of the transformer and parallel to the top surface of a cylindrical shaped coil which is wound by the winding (103 202) around the axis (A) such that the electric shielding device (120 204) covers the cross section area of the winding (103 202) perpendicular to the longitudinal axis (A). Another such electric shielding device (120 204) may be arranged at the other axial end of the winding (103 202). An insulation material (201) is attached to the winding (103 202) and to the electric shielding device (120 204) providing the distance (D1 D2) between the winding (103 202) and the electric shielding device (120 204) along the longitudinal axis (A) such that an environment of the winding (103 202) is shielded against the electric field of the winding (103 202). The winding (103 202) and the electric shielding device (120 204) are casted in a block which insulates the electric shielding device (120 204) from the electric field of the winding (103 202) by providing a distance between the winding (103 202) and the electric shielding device (120 204).

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10799/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : PULL OUT GUIDE FOR A PULL OUT FURNITURE PART

(51) International classification :A47B88/04
(31) Priority Document No :10 2010 017 662.1
(32) Priority Date :30/06/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/060441
Filing Date :22/06/2011
(87) International Publication No :WO 2012/000864
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Kirchlengern Germany
(72)Name of Inventor :
1)KLAUS Stefan
2)HOFFMANN Andreas
3)JAEKEL Steffen
4)SALOMON Stefan

(57) Abstract :

A pull out guide (1) for a pull out furniture part preferably a drawer wherein the pull out guide (1) has a guide rail (2) which can be secured on a basic furniture structure and a running rail (3) which can be coupled to the pull out furniture part and possibly a centre rail which extends the pull out distance and is equipped with a self retracting device (4) which has a housing (5) with a driver (6) which can be displaced in the housing within limits and is coupled to a spring like energy store and the driver (6) when the running rail (3) is displaced in relation to the guide rail (2) from a basic position which is present when the pull out part has been pushed all the way in subjects the energy store to stressing and is in driver connection with an activator (11) this driver connection being disabled when the running rail (3) is displaced further and the driver (6) being blocked against displacement and it being possible for this blocking action to be disabled only by renewed coupling between the activator (11) and the driver (6) whereupon the pull out part is then moved back in the retracting direction by the energy store is designed such that the energy store consists of at least one compression spring (7) or a tension spring which is connected to the driver (6) in the front end region of the same this end region being directed towards the running rail (3) and that the driver (6) has a coupling part (10 40) for coupling to the activator (11) wherein the driver is provided with at least one retaining arm (12) which can be moved transversely to its displacement axis and has at least one latching protuberance (13) which when the energy store is subjected to stressing engages in at least one latching aperture of the housing and is fixed in this position by the coupling part (10 40).

No. of Pages : 46 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2185/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :17/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : SET OF ELECTRIC CONNECTORS

(51) International classification	:H01R13/00	(71)Name of Applicant :
(31) Priority Document No	:12 01484	1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(32) Priority Date	:24/05/2012	Address of Applicant :35, RUE JOSEPH MONIER, F-92500
(33) Name of priority country	:France	RUEIL MALMAISON France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BLONDEL, CHARLES
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a set of electric connectors (1) comprising a plug (10) and a socket (20) designed to collaborate in removable manner. Said electric plug (10) comprises two electric tracks (11, 12) and said socket (20) comprises two movable electric contacts (21, 22) able to move between an internal position and an external position. Magnetic operating means (13, 23) comprise a magnet (13) integrated in the plug (10) and a movable magnetic element (23) integrated in the socket (20), the first magnet (13) generating a magnetic control flux (Ocom)- The magnetic operating means (13, 23) comprise a magnetic yoke (33) composed of two parts (33A, 33B) respectively arranged in the plug (10) and in the socket (20). The first part (33A) comprises the magnet (13), and the second part (33B) is connected to the movable magnetic element (23) by a sliding axial air-gap E2

No. of Pages : 24 No. of Claims : 10

(54) Title of the invention : CATALYST COMPRISING PALLADIUM AND SILVER, AND ITS APPLICATION FOR SELECTIVE HYDROGENATION

(51) International classification	:B01J23/00	(71)Name of Applicant :
(31) Priority Document No	:12/01.572	1)IFP ENERGIES NOUVELLES
(32) Priority Date	:31/05/2012	Address of Applicant :1 & 4 AVENUE DE BOIS-PREAU,
(33) Name of priority country	:France	92852 RUEIL-MALMAISON CEDEX France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CABIAC, AMANDINE
(87) International Publication No	: NA	2)ZOZAYA, VINCENT
(61) Patent of Addition to Application Number	:NA	3)CHAMBARD, ALEXANDRE
Filing Date	:NA	4)THOMAZEAU, CECILE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

1. A catalyst comprising a porous support grain on which are deposited palladium and silver, and at least one metal selected from the group consisting of the alkalis and the alkaline earths, the porous support comprising at least one refractory oxide selected from the group consisting of silica, alumina and silica-alumina, the specific surface area of the porous support being within the range 10 to 150 m²/g, the palladium content of the catalyst within the range 0.05 to 0.6 wt.%, the silver content of the catalyst within the range 0.02 to 3 wt.%, at least 80 wt.% of the palladium being distributed in a crust at the periphery of the support, the thickness of the said crust being within the range 10 to 160 µm, at least 80 wt.% of the silver being distributed in a crust at the periphery of the support, the thickness of the said crust being within the range 10 to 160 µm, the local content of palladium at each point along the diameter of the grain following the same course as the local content of silver, the sum of the contents of alkali and/or alkaline earth metals being within the range 0.02 to 5 wt.%.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2248/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :23/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : CABINET FOR AN ELECTRICAL SWITCHBOARD AND RELATED SWITCHBOARD

(51) International classification	:H02B1/00	(71)Name of Applicant :
(31) Priority Document No	:12170036.3	1)ABB S.P.A.
(32) Priority Date	:30/05/2012	Address of Applicant :VIA VITTOR PISANI, 16, I-20124
(33) Name of priority country	:EPO	MILANO Italy
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CAGLIANI, DANIELE
(87) International Publication No	: NA	2)COLOCA, GRAZIANO
(61) Patent of Addition to Application Number	:NA	3)BENEDETTI, PIERCELESTE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cabinet for an electrical switchboard, comprising a supporting base and a frame mounted on the supporting base. The supporting base comprising at least a base element having: a lower wall suitable to rest on a bearing surface; and at least a first lateral wall and a second lateral wall which protrude transversally from the lower wall and face to each other. The base element comprises: a first upper wall protruding from an upper end of the first lateral wall towards the second lateral wall; a second upper wall protruding from an upper end of the second lateral wall towards the first lateral wall, so as to extend over at least a portion of the first upper wall; and coupling means which couple the first and second upper walls to each other for supporting a corresponding portion of the frame.

No. of Pages : 24 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2249/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :23/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND DEVICE FOR SPINNING - IN YARN AFTER A RUPTURE AT A WORKSTATION OF AN OPEN-END SPINNING MACHINE

(51) International classification	:D01H4/00	(71)Name of Applicant :
(31) Priority Document No	:PV 2012-367	1)RIETER CZ S.R.O.
(32) Priority Date	:01/06/2012	Address of Applicant :MORAVSKA 519, 562 01, USTI NAD
(33) Name of priority country	:Czech Republic	ORLICI Czech Republic
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KOUSALIK, PAVEL
(87) International Publication No	: NA	2)MARKL, JAROSLAV
(61) Patent of Addition to Application Number	:NA	3)SLOUPENSKY, JIRI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of spinning-in yarn after a rupture at an operating unit of an open-end spinning machine fitted with a control unit (6) and independent driving mechanisms of at least the feeding device (14) of fibre sliver (2) and the draw-off mechanism (3) of the spun-out yarn (11), which comprises steps of yarn (11) spinning-in preparation, steps of spinning rotor (12) preparation for spinning-in and final spinning-in steps controlled by the control unit (6), including at least the start of feeding sliver (2) into the singling-out device (13), letting the end of spinning-in yarn (11) fall onto the collecting groove of the spinning rotor (12), starting the motion of the wound bobbin towards the driving roller (42) and the start of draw-off and winding the yarn (11), whereby the speed of sliver (2) delivery is controlled in accordance with the speed of the draw-off of the spun-out yarn (11). The beginning and course of the final spinning-in steps is controlled in accordance with the shape and current weight of the wound bobbin (41) and/or the current moment of inertia of the wound bobbin (41).

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10085/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/11/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : PHOTOVOLTAIC COMPONENT FOR USE UNDER CONCENTRATED SOLAR FLUX

(51) International classification :H01L27/142,H01L31/042,H01L31/18

(31) Priority Document No :1054318

(32) Priority Date :02/06/2010

(33) Name of priority country :France

(86) International Application No :PCT/EP2011/058971
Filing Date :31/05/2011

(87) International Publication No :WO 2011/151338 A2

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :

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2)PAIRE Myriam

3)GUILLEMOLES Jean François

4)PELOUARD Jean Luc

5)COLLIN Stéphane

(57) Abstract :

One aspect of the invention relates to a photovoltaic component (10) comprising a set of layers suitable for the production of a photovoltaic device of which at least a first layer (101) is made from a conductive material in order to form a rear electric contact a second layer (102) is made from a material that is absorbent in the solar spectrum and a third layer (106) is made from a transparent conductive material in order to form a front electric contact. The component also comprises an electrically insulating layer (103) disposed between the rear electric contact and the front electric contact said layer being discontinuous such that the layers of the layer assembly can be stacked in one or more areas (100) in order to form a photovoltaic active zone in each of these areas. The component further comprises a layer (104) of conductive material which is in electric contact with the aforementioned third layer of transparent conductive material and which is structured to form a peripheral electric contact for each of the photovoltaic micro cells.

No. of Pages : 39 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2224/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :21/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : ROTARY VANE COMPRESSOR

(51) International classification	:F01C1/00
(31) Priority Document No	:2012-117219
(32) Priority Date	:23/05/2012
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI

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(72)Name of Inventor :

1)HOTTA, KAZUHIRO

2)SATO, SHINICHI

3)KOBAYASHI, KAZUO

(57) Abstract :

The rotary vane compressor is characterized in that the backpressure applying mechanism has a communication chamber, a rotating passage, a backpressure passage and an intermittent device. The communication chamber is located adjacent to the drive shaft. The communication chamber communicates with the discharge chamber. The rotating passage is formed in the drive shaft and communicates with the communication chamber. The backpressure passage is communicable with the backpressure chambers. At least one of the front side plate and the rear side plate serves as a backpressure side plate in which the backpressure passage is formed. The intermittent device is located between the backpressure side plate and the drive shaft and allows communication between the rotating passage and the backpressure passage. When the backpressure passage communicates with at least one of the backpressure chambers, the intermittent device causes communication between the rotating passage and the backpressure passage.

No. of Pages : 44 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2486/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : LASER INDUCED BREAKDOWN SPECTROSCOPY ANALYSER

(51) International classification	:G01N21/71,G01J3/10	(71)Name of Applicant :
(31) Priority Document No	:61/388722	1)TECHNOLOGICAL RESOURCES PTY. LIMITED
(32) Priority Date	:01/10/2010	Address of Applicant :120 Collins Street Melbourne Victoria
(33) Name of priority country	:U.S.A.	3000 Australia
(86) International Application No	:PCT/AU2011/001192	(72)Name of Inventor :
Filing Date	:15/09/2011	1)RUTBERG Michael
(87) International Publication No	:WO 2012/040769	2)MORESCHINI Paolo
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A laser induced breakdown spectroscopy (LIBS) analyser (10) comprises an optical path P (shown by dashed lines P1 and dash dot lines P2) and an automatic focus (or tracking) system (12). The optical path P focuses a laser beam emitted from a laser (14) onto a portion of sample S which is to be analysed by the analyser (10) and focuses radiation emitted by the sample S when irradiated by the laser beam to a detector (16). The automatic focus system (12) is capable of varying a length of the optical path P to maintain a constant spatial relationship (i.e. distance) between a focal point (18) of the laser beam and the sample S; as well as maintaining a constant instantaneous field of view (IFOV) of the detector (16) on the focal point of the laser.

No. of Pages : 29 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2487/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : BEARING WITH ROTATION SENSOR

(51) International classification	:F16C19/06
(31) Priority Document No	:2010197659
(32) Priority Date	:03/09/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/068912
Filing Date	:23/08/2011
(87) International Publication No	:WO 2012/029586
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
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2)ITO Hiroyoshi

(57) Abstract :

By inserting one axial end (15) of an annular sensor holder (5) which includes a protrusion (18) in one race (2) that engages with a stationary member (9) utilizing a circumferential groove (7) of a seal groove etc. the sensor holder (5) can be attached so as to freely slide in the direction of axial rotation. By connecting the sensor holder (5) in an attached state with the stationary member (9) by means of a fastener (19) the sensor holder (5) slides in the race (2) in response to creep generated by the race (2). However by configuring a bearing with rotation sensor in such a manner that the sensor holder does not rotate with respect to the stationary member (9) wiring disconnection will be prevented even if the bearing with rotation sensor is integrated in a location where creep is generated by the race to which the sensor holder is attached.

No. of Pages : 87 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10366/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : MEDIUM FOR IMPROVING THE HEAT TRANSFER IN STEAM GENERATING PLANTS

(51) International classification :C23F11/10,C23F11/14,C02F1/00
(31) Priority Document No :10 2010 020 717.9
(32) Priority Date :18/05/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/005364
Filing Date :01/09/2010
(87) International Publication No :WO 2011/144230 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Germany
(72)Name of Inventor :
1)HATER Wolfgang
2)ZUM KOLK Christian
3)DE BACHE Andre

(57) Abstract :

The present invention relates to a medium in the form of an aqueous mixture for improving the heat transfer coefficient and use thereof in power plant technology in particular in steam generating plants. The medium contains at least one film forming amine (component a) with the general formula: $R(NH(CH_2)_m)_nNH_2$ where R is an aliphatic hydrocarbon radical with a chain length between 12 and 22 and m is an integral number between 1 and 8 and n is an integral number between 0 and 7 contained in amounts up to 15%.

No. of Pages : 24 No. of Claims : 6

(54) Title of the invention : LIQUID SEALED VIBRATION ISOLATING DEVICE

(51) International classification :F16F13/10,F16F13/06,F16F13/18

(31) Priority Document No :2010115660

(32) Priority Date :19/05/2010

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2011/061446

Filing Date :18/05/2011

(87) International Publication No :WO 2011/145656

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)YAMASHITA RUBBER KABUSHIKI KAISHAAddress of Applicant :1239 Kamekubo Fujimino shi Saitama
3568556 Japan

(72)Name of Inventor :

1)SATORI Kazutoshi**2)HIRANO Yukinobu**

(57) Abstract :

In order to advantageously suppress a cavitation phenomenon provided is a liquid enclosed antivibration device wherein a damping orifice passage (14) and an elastic partition portion (30) are provided in a partition member (11) for separating a main liquid chamber (12) from a subsidiary liquid chamber (13). A stopper leg portion (35) is integrally projected from the underside surface of an elastic film portion (31) provided in the center portion of the elastic partition portion (30) and is abutted against an abutment surface (47) of a support wall (44) of a frame member (40) so that a third liquid chamber (61) is defined by the support wall (44) the elastic partition portion (30) and the stopper leg portion (35) and is open in the vicinity of the main liquid chamber (12) side opening (24) of the damping orifice passage (14) via a relief passage (60). The diameter of the abutment surface (47) gradually increases upward and accordingly when the elastic film portion (31) is elastically deformed to a great extent toward the main liquid chamber (12) during a reverse action toward the negative pressure side after an excess amplitude vibration is input the stopper leg portion (35) is moved apart from the upper portion of the abutment surface (47) and the main liquid chamber (12) communicates with the subsidiary liquid chamber (13) via the relief passage (60) and the third liquid chamber (61) so that operating fluid is introduced to the main liquid chamber to reduce the negative pressure of the main liquid chamber (12) and suppress the cavitation phenomenon.

No. of Pages : 79 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10738/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD FOR THE PRODUCTION OF TETRAHYDROPYRANOLS SUBSTITUTED IN THE 2 POSITION

(51) International classification	:C07D309/10
(31) Priority Document No	:10164114.0
(32) Priority Date	:27/05/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/058646
Filing Date	:26/05/2011
(87) International Publication No	:WO 2011/147919A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BASF SE

Address of Applicant :67056 Ludwigshafen Germany

(72)Name of Inventor :

1)GRALLA Gabriele

2)PELZER Ralf

(57) Abstract :

The invention relates to a method for producing 4 hydroxy 4 methyl tetrahydropyran substituted in the 2 position by reacting 3 methylbut 3 en 1 ol (isoprenol) with the corresponding alkene aldehydes in the presence of a very acidic ion exchanger followed by hydrogenation. The invention especially relates to a corresponding method for producing 2 isobutyl hydroxy 4 methyl tetrahydropyran by reacting isoprenol with prenal followed by hydrogenation.

No. of Pages : 24 No. of Claims : 20

(54) Title of the invention : POWER SEMICONDUCTOR MODULE POWER CONVERSION APPARATUS AND RAILROAD VEHICLE

(51) International classification :H02M7/487
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/JP2010/065561
 Filing Date :09/09/2010
 (87) International Publication No :WO 2012/032642
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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 Tokyo 1008310 Japan

(72)Name of Inventor :

1)NAKASHIMA Yukio

(57) Abstract :

Provided is a power semiconductor module to be applied to a three level power conversion apparatus for a railroad vehicle wherein: switching elements (1 4) and clamp diodes (5 6) are formed of a wide band gap semiconductor; a switching element (1) a clamp diode (5) and a switching element (2) are disposed in tandem in this order on one side of an element substrate (82) in the direction in which cooling air flows; a switching element (4) a clamp diode (6) and a switching element (3) are disposed in tandem in this order on the other side of the element substrate (82) in the direction in which the cooling air flows; a temperature sensor (86A) for an external element is disposed on the side portion of the element substrate (82) in a region in the vicinity of the peripheries of the switching elements (1 4); a temperature sensor (86B) for an internal element is disposed on the side portion of the element substrate (82) in a region in the vicinity of the peripheries of the switching elements (2 3); and the switching elements (1 4) the clamp diodes (5 6) the temperature sensor (86A) for the external element and the temperature sensor (86B) for the internal element are housed in one module.

No. of Pages : 39 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10878/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : QUATERNARY DIALKANOLAMINE ESTERS

(51) International classification	:C07C213/06,C07C219/08	(71)Name of Applicant :
(31) Priority Document No	:10 2010 029 610.4	1)EVONIK GOLDSCHMIDT GMBH
(32) Priority Date	:02/06/2010	Address of Applicant :Goldschmidtstrasse 100 45127 Essen
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/056928	(72)Name of Inventor :
Filing Date	:02/05/2011	1)HERRWERTH Sascha
(87) International Publication No	:WO 2011/151120 A1	2)GRUENING Burghard
(61) Patent of Addition to Application	:NA	3)K-HLE Hans J¹/rgen
Number	:NA	4)ULRICH BREHM Isabella
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to novel quaternary ammonium compounds of the esterquat type to a method for the production thereof and to the use thereof in formulations.

No. of Pages : 46 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10879/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : LIGHTNING PROTECTION STRUCTURE OF BLADE FOR WIND POWER GENERATION

(51) International classification :F03D11/00
(31) Priority Document No :2010-150103
(32) Priority Date :30/06/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/064307
Filing Date :22/06/2011
(87) International Publication No :WO 2012/002230
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MUTO Atsutoshi

(57) Abstract :

On a wind generator blade that has a lightning receptor lightning strikes to the boundary between the blade and the lightning receptor are prevented as much as possible. A lightning receptor (31) which is provided in such a manner as to form a part of the surface of the wind generator blade (3) and a lightning receiving protrusion (4) which protrudes outward from the surface of the lightning receptor are present. The lightning receiving protrusion (4) is provided to the surface boundary (32) between the blade (30) and the lightning receptor (31). A surface boundary (32a) that protects against lightning is positioned within the radius of a circle (5) that is centred on the tip of the lightning receiving protrusion (4) and has a radius of twice the length of the lightning receiving protrusion (4) the point where the electric field concentration on the surface of the lightning receptor is greatest is moved from the boundary to the tip of the protrusion and when lightning strikes the blade the possibility of blade damage associated with lightning striking the border region is significantly reduced.

No. of Pages : 24 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1888/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND DEVICE FOR HIGH QUALITY PROCESSING OF STILL IMAGES WHILE IN BURST MODE

(51) International classification	:H04N7/00
(31) Priority Document No	:12166219.1
(32) Priority Date	:30/04/2012
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)Joshua Lucien DAIGLE

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4)Antoine Gilles Joseph BOUCHER

(57) Abstract :

The present disclosure provides for processing of data captured by an image sensor in bust mode at two different quality levels. The data processed at the higher quality level is stored in a buffer memory until the higher quality processing is performed.

No. of Pages : 32 No. of Claims : 20

(54) Title of the invention : GYPSUM BOARD FOR GENERATING NEGATIVE IONS AND FAR INFRARED RADIATION AND METHOD OF PRODUCING THEREOF

(51) International classification :E04B 1/92
 (31) Priority Document No :PI 20093209
 (32) Priority Date :03/08/2009
 (33) Name of priority country :Malaysia
 (86) International Application No :PCT/MY2010/000136
 Filing Date :03/08/2010
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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(72)Name of Inventor :

1)TEE, BEE HAA

(57) Abstract :

The present invention provides a gypsum board for generating negative ions and far-infrared radiation and method of producing the board whereby the invention aims to provide a healthy living environment. The gypsum board for generating negative ions and far-infrared radiation comprises of three layers wherein the surface panel (50) containing pulverized mineral powder, gypsum powder and water that have the ability of generating negative ions and far-infrared radiation naturally, the layer of fiber glass (51) sandwiched between the surface panel (50) and the base (52) containing fiber glass means to reinforce the gypsum board and the base (52) containing gypsum powder and water means for covering the layer of fiber glass (51). The method of producing the gypsum board involves forming the three layers one after another, followed by settling and curing in a mold. The negative ions and far-infrared radiation emitted continuously from the gypsum board is capable to remove airborne contaminants from the air, eliminate unpleasant odors and thus providing a healthy living environment.

No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2533/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : POWER CONVERSION DEVICE MOTOR CONTAINING SAME AIR CONDITIONER CONTAINING MOTOR AND VENTILATION FAN CONTAINING MOTOR

(51) International classification	:H02K11/00
(31) Priority Document No	:2010207067
(32) Priority Date	:15/09/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/053022
Filing Date	:14/02/2011
(87) International Publication No	:WO 2012/035791
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YAMADA Michio
2)YAMAMOTO Mineo
3)ISHII Hiroyuki
4)HASEGAWA Tomoyuki

(57) Abstract :

Provided are a power conversion device that enables a substrate that is to be mounted to be miniaturized by means of the miniaturization of elements and the configuration a motor containing the power conversion device an air conditioner containing the motor and a ventilation fan containing the motor. The power conversion device is provided with: a printed wiring board (1) the mounting surface of which faces the annular surfaces constituted by annular stators (3) constituting a motor (61) is positioned separately from the annular surfaces at a prescribed distance and has hole elements (6) which detect the rotational position of a rotor (16) of the motor (61) mounted on the mounting surface on the stator (3) side; an inverter IC (2) that is mounted to the mounting surface of the printed wiring board (1) on the stator (3) side and that supplies a high frequency current to the stator (3); and an overheat detector (14) that is mounted to the mounting surface of the printed wiring board (1) on the stator (3) side. The inverter IC (2) restricts or stops the current supplied to the stator (3) when overheating is detected by the overheat detector (14).

No. of Pages : 58 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10541/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : HETEROGENEOUSLY CATALYSED CARBAMATE DISSOCIATION FOR SYNTHESIS OF ISOCYANATES OVER SOLID LEWIS ACIDS

(51) International classification :C07C263/04,C07C265/14
(31) Priority Document No :10166781.4
(32) Priority Date :22/06/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/060176
Filing Date :20/06/2011
(87) International Publication No :WO 2011/161029 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BASF SE
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(72)Name of Inventor :
1)ROSENDAHL Tobias
2)M.,URER Torsten
3)STROEFER Eckhard
4)FRANZKE Axel

(57) Abstract :

Proposed is a process for preparing isocyanates by dissociating the corresponding carbamates which is characterized in that the carbamates are dissociated in the presence of a heterogeneous Lewis acidic catalyst.

No. of Pages : 10 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1575/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : MOBILE TERMINAL AND CONTROL METHOD THEREOF

(51) International classification	:G06F3/00
(31) Priority Document No	:10-2012-0111493
(32) Priority Date	:08/10/2012
(33) Name of priority country	:Republic of Korea
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)JIWON JUNG
2)SUMIT GAUTAM

(57) Abstract :

A mobile terminal for performing wireless communication and a control method thereof are provided. The mobile terminal includes: a terminal body; a detection unit configured to detect communication type information corresponding to at least one application installed in the terminal body and match the communication type information to the application to generate matching information; a display unit configured to display an icon corresponding to the application; and a controller configured to control the icon displayed on the display unit by using the matching information.

No. of Pages : 42 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/01/2013

(21) Application No.234/CHENP/2013 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : ANTI ANGIOGENIC COMPOSITION CONTAINING MACROLACTIN A AND A DERIVATIVE THEREOF AS ACTIVE INGREDIENTS

(51) International classification :A61K31/365,A61K31/335,A61P19/02
(31) Priority Document No.:1020100068886
(32) Priority Date :16/07/2010
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2011/001228
Filing Date :23/02/2011
(87) International Publication No :WO 2012/008674
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KIM Dong Hee
3)KIM Jung Ae
4)KANG Jae Seon
5)CHUNG Sung Uk
6)HWANG Sung Woo
7)KANG Kyung Ran
8)KANG You Ra

(57) Abstract :

The present invention relates to an anti angiogenic composition containing macrolactin compounds such as macrolactin A 7 O malonyl macrolactin A and 7 O succinyl macrolactin A as active ingredients. The macrolactin compounds according to the present invention strongly suppress angiogenesis in experiments and can be used as a pharmaceutical composition for preventing or treating diseases caused by angiogenesis.

No. of Pages : 28 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2544/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : AUTO INJECTOR

(51) International classification	:A61M5/20
(31) Priority Document No	:10186995.6
(32) Priority Date	:08/10/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/067493
Filing Date	:06/10/2011
(87) International Publication No	:WO 2012/045831
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KEMP Thomas Mark

2)EKMAN Matthew

(57) Abstract :

The invention refers to an auto injector (1) and to a method for operating it the auto injector comprising: a tubular chassis (2) a carrier subassembly comprising a tubular carrier (7) slidably arranged in the chassis (2) the carrier (7) containing a syringe (3) with a hollow injection needle (4) a drive spring (8) and a plunger (9) for forwarding load of the drive spring (8) to a stopper (6) of the syringe (3) a wrap over trigger sleeve (12) arranged over the distal end (D) of the auto injector (1) the trigger sleeve (12) extending at least almost over the whole length of the auto injector (1) a control spring (19) arranged around the carrier (7) first interlock means (20 22 23 24) for coupling a proximal end of the control spring (19) to either the carrier (7) for advancing it for needle insertion or to the chassis (2) for needle retraction second interlock means (11 13 15) arranged for releasing the drive spring (8) for injection third interlock means (16 17 18) arranged for coupling the chassis (2) to the carrier (7) for joint axial translation relative to the trigger sleeve (12) fourth interlock means (21 25 26 28) arranged for coupling a distal end of the control spring (19) to either the carrier (7) for needle retraction or to the trigger sleeve (12) otherwise.

No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2545/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : USE OF COPOLYMERS BASED ON POLYMERS CONTAINING AMINO GROUPS AS A MATRIX BINDER FOR THE PRODUCTION OF ACTIVE INGREDIENT CONTAINING GRANULES AND ADMINISTRATION FORMS

(51) International classification	:A61K9/16
(31) Priority Document No	:10175600.5
(32) Priority Date	:07/09/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/064853
Filing Date	:30/08/2011
(87) International Publication No	:WO 2012/031934
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BASF SE

Address of Applicant :67056 Ludwigshafen Germany

(72)Name of Inventor :

1)KOLTER Karl

2)ANGEL Maximilian

(57) Abstract :

The use of copolymers based on polymers containing amino groups as a matrix binder for the production of active ingredient containing granules and administration forms use of copolymers (component A) with basic amino groups obtained by free radical polymerization of a) diethylaminoethyl methacrylate and b) at least one free radically polymerizable compound selected from esters of a ethylenically unsaturated mono and dicarboxylic acids with C_i C_e alkanols as a matrix binder for production of active ingredient containing granules.

No. of Pages : 34 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.151/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : APPARATUS AND METHOD FOR HANDLING ACCESS OPERATIONS ISSUED TO LOCAL CACHE STRUCTURES WITHIN A DATA PROCESSING APPARATUS

(51) International classification :G06F12/08,G06F9/48,G06F9/50
(31) Priority Document No :1010114.5
(32) Priority Date :16/06/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/050902
Filing Date :11/05/2011
(87) International Publication No:WO 2011/158012
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

An apparatus and method are provided for handling access operations issued to local cache structures within a data processing apparatus. The data processing apparatus comprises a plurality of processing units each having a local cache structure associated therewith. Shared access coordination circuitry is also provided for coordinating the handling of shared access operations issued to any of the local cache structures. For a shared access operation the access control circuitry associated with the local cache structure to which that shared access operation is issued will perform a local access operation to that local cache structure and in addition will issue a shared access signal to the shared access coordination circuitry. For a local access operation the access control circuitry would normally perform a local access operation on the associated local cache structure and not notify the shared access coordination circuitry. However if an access operation extension value is set then the access control circuitry treats such a local access operation as a shared access operation. Such an approach ensures correction operation even after an operating system and/or an application program are migrated from one processing unit to another.

No. of Pages : 38 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :10/05/2013

(21) Application No.2094/CHE/2013 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : APPARATUS

(51) International classification	:F16J15/00
(31) Priority Document No	:20125510
(32) Priority Date	:14/05/2012
(33) Name of priority country	:Finland
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)NUMMELA, JUKKA

2)WIDERHOLM, RISTO

3)KUTVONEN, TATU

(57) Abstract :

The invention relates to an apparatus. In order to achieve efficient sealing, the apparatus comprises a sealing with a plurality of sealing elements (2) arranged generally in a ring configuration around a center opening. Each sealing element comprises a sealing surface facing the center opening. At least one chamber (13) is included for receiving sections of the sealing elements (2). An inlet to a fluid source provides the at least one chamber (13) with fluid in order to generate an overpressure acting on the sections of the sealing elements received in the at least one chamber (13), and for pressing and moving the sealing surfaces of the sealing elements towards the center opening.

No. of Pages : 13 No. of Claims : 10

(54) Title of the invention : CONTINUOUS FEEDING SYSTEM TO A SMELTING FURNACE OF PRE HEATED METAL MATERIAL IN CONTINUOUS POTENTIATED AND COMBINED FORM

(51) International classification :C21C5/52,F27B3/18,F27D13/00
 (31) Priority Document No :MI2010A001292
 (32) Priority Date :14/07/2010
 (33) Name of priority country :Italy
 (86) International Application No :PCT/EP2011/003183
 Filing Date :23/06/2011
 (87) International Publication No:WO 2012/007105
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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2)MONTI Nicola Ambrogio Maria

(57) Abstract :

A process for heating a metal feedstock (31) fed in continuous to a smelting furnace (30) through a second horizontal heating section (34) through which hot discharge fumes collected from said furnace (30) pass said fumes exerting a heating phase of said feedstock (31) characterized in that immediately before entering said second heating section (34) the feedstock (31) is subjected to a preheating phase by heating means other than the discharge fumes collected from the smelting furnace (30). In a plant for the embodiment of said process said different heating means are envisaged inside a first preheating section (33) which is operatively connected with said second heating section (34) by means of an intermediate fume evacuation section (35) the fumes coming from said sections (33) and (34) being conveyed to said section. Said sections (33 34) preferably have a tunnel configuration.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2550/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : AZO COMPOUND AND PIGMENT DISPERSANT PIGMENT COMPOSITION PIGMENT DISPERSION AND TONER COMPRISING AZO COMPOUND

(51) International classification :C09B55/00
(31) Priority Document No :2010199927
(32) Priority Date :07/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/004592
Filing Date :16/08/2011
(87) International Publication No :WO 2012/032717
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)MURAI Yasuaki

5)TANAKA Masatake

6)KAWAMURA Masashi

7)INOUE Kei

8)HASEGAWA Yuki

(57) Abstract :

A dye compound which improves the dispersibility of an azo pigment in a non aqueous solvent is provided. The dye compound is represented by general formula (1). R represents a C alkyl group or a phenyl group. R to R represent a hydrogen atom or a substituent represented by formula (2). R to R represent a hydrogen atom a COOR group or a CONRR group. R to R represent a hydrogen atom or a C alkyl group. P represents a polymer component L represents a C alkylene group or a C arylene group and represents a binding site.

No. of Pages : 66 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10300/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : CLOSED CIRCUIT GRINDING PLANT HAVING AN INTEGRATED BUFFER

(51) International classification :B02C4/02,B02C23/22,B02C23/12

(31) Priority Document No :20 2010 009 150.0

(32) Priority Date :16/06/2010

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2011/057303

Filing Date :06/05/2011

(87) International Publication No :WO 2011/157482 A1

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)STRASSER Siegfried

(57) Abstract :

The invention relates to a closed circuit grinding plant for comminuting material to be ground in which at least one comminution apparatus (RP) and at least one apparatus for separating comminuted material (8 10) are connected to each other and keep the brittle material to be ground in the grinding circuit until it is removed from the grinding circuit by the separating device (10) on account of the level of comminution wherein a control loop controls the feed of fresh material to be ground into the circuit and also relates to a corresponding method for operating such a closed circuit grinding plant. According to the invention a buffer (2) for the material to be ground is present in the grinding circuit. The integration of the buffer (2) enables a reduced overall height of the closed circuit grinding plant which saves energy costs. The filling level of the integrated buffer (2) is suitable for controlling the closed circuit grinding plant.

No. of Pages : 16 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10303/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND APPARATUS FOR THE CONTINUOUS CASTING OF A METAL BAR

(51) International classification :B22D11/08
(31) Priority Document No :10 2010 020 687.3
(32) Priority Date :15/05/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/057401
Filing Date :09/05/2011
(87) International Publication No :WO 2011/144478
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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2)PRLING Reiner
3)MLLER J4rgen
4)FISCHER Lothar

(57) Abstract :

The invention relates to a method and an apparatus for the continuous casting of a metal bar. The method uses a flexible dummy bar which can be introduced into a mould and has a stopping and withdrawing head at its end remote from the leading dummy bar end and a dummy bar car which is arranged on a casting floor and onto which the dummy bar is drawn after being detached from the hot bar wherein the dummy bar car receives the leading dummy bar end on a loading side and moves it by means of an endless chain running around on sprockets in the direction of the mould to an unloading side for the next initial casting. With such a method and apparatus it is intended in particular for it to be possible for a long dummy bar to be handled unproblematically in a bow type continuous casting machine. For this purpose the dummy bar received on the loading side is deflected by means of the endless chain on the unloading side from an upper running path of the dummy bar car to a lower running path on which the dummy bar is returned with its leading dummy bar end so far in the direction of the loading side that the entire dummy bar is accommodated in a wound up form by the dummy bar car and the leading dummy bar end assumes an outward transporting position facing the loading side.

No. of Pages : 12 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2483/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : ANTIBODIES AGAINST HUMAN TWEAK AND USES THEREOF

(51) International classification	:C07K16/24
(31) Priority Document No	:10186536.8
(32) Priority Date	:05/10/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/067070
Filing Date	:30/09/2011
(87) International Publication No	:WO 2012/045671
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
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2)KNOETGEN Hendrik
3)NIEWOEHNER Jens

(57) Abstract :

An antibody binding to TWEAK characterized by binding to TWEAK characterized by comprising as heavy chain variable domain a CDR3H selected from the group consisting of SEQ ID NO: 8 16 or 24 is useful for the treatment of cancer or autoimmune diseases rheumatoid arthritis psoratic arthritis muscle diseases e.g. muscular dystrophy multiple sclerosis chronic kidney diseases bone diseases e.g. bone degeneration in multiple myeloma systemic lupus erythematosus lupus nephritis and vascular injury.

No. of Pages : 71 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2558/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : REPORTING OF CHANNEL PROPERTIES IN HETEROGENEOUS NETWORKS

(51) International classification :H04L
(31) Priority Document No :61/386,875
(32) Priority Date :27/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/053424
Filing Date :27/09/2011
(87) International Publication No :WO 2012/047634 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BARBIERI Alan
2)JI Tingfang

(57) Abstract :

Rank indicator and channel quality indicator (CQI) estimation and reporting functionalities are discussed with regard to heterogeneous networks to reduce the number of inconsistent CQI estimates transmitted to an evolved node B (eNB) where the CQI is defined as inconsistent when the rank indicator on which the CQI is conditioned is from a different subframe type than the subframe on which the CQI is to be estimated.

No. of Pages : 66 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2102/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :10/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : GUM BASE, CHEWING GUM PREPARATION PRODUCED THEREFROM AND METHODS FOR PRODUCTION THEREOF

(51) International classification	:A23G4/00	(71)Name of Applicant :
(31) Priority Document No	:10 2012	1)WACKER CHEMIE AG
(32) Priority Date	208 131.3	Address of Applicant :HANNS-SEIDEL-PLATZ 4, D-81737
(33) Name of priority country	:15/05/2012	MUNCHEN Germany
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	1)WIMMER, THOMAS
(87) International Publication No	:NA	2)DAUTH, JOCHEN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a gum base which, in comparison with known gum bases, has an improved aroma, taste and improved oxidation stability, has only low stickiness, and in addition is simple to process. It is a homogeneous composition consisting of 15-45% by weight of polyvinyl acetate, 10-30% by weight of vinyl laurate-vinyl acetate copolymers, 15-45% by weight of fillers, 5-30% by weight of waxes or fats, 1-10% by weight of plasticizers and 1-10% by weight of emulsifiers.

No. of Pages : 12 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2103/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :10/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : WIRELESS CHARGING STRUCTURE FOR MOBILE INFORMATION TERMINAL IN VEHICLE

(51) International classification	:H02J7/00	(71)Name of Applicant :
(31) Priority Document No	:2012-112574	1)HONDA MOTOR CO., LTD.
(32) Priority Date	:16/05/2012	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(33) Name of priority country	:Japan	MINATO-KU, TOKYO, 107-8556 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)WATANABE, TSUGUO
(87) International Publication No	: NA	2)MATSUI, YASUMASA
(61) Patent of Addition to Application Number	:NA	3)KURIKI, DAISUKE
Filing Date	:NA	4)MAEDA, TETSUAKI
(62) Divisional to Application Number	:NA	5)YUZA, YOSHIHIDE
Filing Date	:NA	

(57) Abstract :

Provided is a structure capable of forming a simplest-possible charging structure for a mobile information terminal in a vehicle.
[Solving Means] A receiving coil 160 and a reception control unit 161 electrically connected to the receiving coil 160 are provided inside an outer wall of the mobile information terminal case C, a transmitting coil 56 and a transmission control unit 70 electrically connected to the transmitting coil 56 are provided on a vehicle side. The transmitting coil 56 is configured such that magnetic flux is generated by a flow of current to flow, and is provided on an inner side of a portion of a mobile terminal holder 55 which faces the receiving coil 160 in the state where the mobile information terminal case C is supported by the mobile terminal holder 55. The transmission control unit 70 is provided with an inverter part configured to convert direct current supplied from a battery provided on the vehicle side to alternating current and supply the alternating current to the transmitting coil 56. The reception control unit 161 is provided with a converter part configured to convert alternating current flowing through the receiving coil 160 due to the magnetic flux generated by the transmitting coil 56 to direct current is provided

No. of Pages : 94 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2492/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :01/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : FACILITATING DISTRIBUTED CHANNEL ACCESS FOR A PLURALITY OF ACCESS TERMINALS TRANSMITTING IN A WIRELESS COMMUNICATION ENVIRONMENT

(51) International classification	:H04W74/00
(31) Priority Document No	:12/899668
(32) Priority Date	:07/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/055424
Filing Date	:07/10/2011
(87) International Publication No	:WO 2012/048255
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)QUALCOMM Incorporated
Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121 U.S.A.
(72)**Name of Inventor :**
1)WENTINK Maarten Menzo

(57) Abstract :

Methods and apparatuses are provided for facilitating distributed transmissions among a plurality of access terminals. An access point may send an initial indicator count for each access terminal to follow a respective number of indicators when transmitting during a transmission opportunity. An access terminal may receive its respective initial indicator count and may send a transmission after detecting a number of indicators equal to the assigned initial indicator count. A continuation indicator count may also be sent to each access terminals where the continuation indicator count specifies a number of indicators each access terminal is to wait after sending a preceding transmission and before sending a subsequent transmission.

No. of Pages : 40 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2561/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHODS APPARATUSES AND SYSTEM FOR IDENTIFYING A TARGET FEMTOCELL FOR HAND IN OF A USER EQUIPMENT

(51) International classification :H04W36/04
(31) Priority Document No :61/393533
(32) Priority Date :15/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/058782
Filing Date :01/11/2011
(87) International Publication No :WO 2012/U51632
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
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1)AWONIYI Olufunmilola O.
2)SOLIMAN Samir S.
3)LEE Jangwon
4)RADULESCU Andrei D.
5)SINGH Damanjit
6)CHEN Jen M.
7)YAVUZ Mehmet

(57) Abstract :

Systems methods and devices are described for supporting macrocell to femtocell hand ins of active macro communications for mobile devices. An out of band (OOB) link is used to detect that a mobile device is in proximity of a femtocell. Having detected the mobile device in proximity to the femtocell an OOB proximity detection is communicated to a femtocell gateway disposed in a core network in communication with the macro network to effectively pre register the mobile device with the femto convergence system. When the femtocell gateway receives a handover request from the macro network implicating the pre registered mobile device it is able to reliably determine the appropriate target femtocell to use for the hand in according to the pre registration even where identification of the appropriate target femtocell would otherwise be unreliable. Some embodiments may also handling registering the mobile device after a handover request has occurred including tiered approaches.

No. of Pages : 102 No. of Claims : 66

(54) Title of the invention : HANDLING TOOL FOR SECURE HANDLING OF CONNECTORS OF ELECTROLYSIS CELLS INTENDED FOR ALUMINIUM PRODUCTION

(51) International classification	:B66C	(71)Name of Applicant :
(31) Priority Document No	:1003568	1)E.C.L.
(32) Priority Date	:08/09/2010	Address of Applicant :100 rue Chaland F 59790 Ronchin
(33) Name of priority country	:France	France
(86) International Application No	:PCT/FR2011/000492	(72)Name of Inventor :
Filing Date	:06/09/2011	1)DAVID Stphane
(87) International Publication No	:WO 2012/032234	
	A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Handling tool (300) for handling a connector (200) in order to connect an anode rod onto the anode frame (5) of a cell (1) for producing aluminium by melt electrolysis said connector being provided with two lateral journals (212 212) capable of cooperating with bearing hooks (10 10) fastened to said anode frame and placed on either side of the anode rod (9) so as to press said anode rod against said anode frame said handling tool comprising at least one guiding member (30) having a groove (40) associated with each of said journals and intended to accommodate said journal said handling tool being characterized in that it also comprises: at least one gripping member (31) having an open position and a closed position said guiding member and said gripping member cooperating in such a way that when said gripping member is in the open position each journal may be inserted into said groove or extracted therefrom and when said gripping member is in the closed position each journal may undergo only a limited displacement in said groove between what is called the low position corresponding to the contact between said gripping member and what is called a high position; an actuation system (311) associated with said gripping member capable of moving said gripping member between said open and closed positions; and at least one locking system (32) having a locked position and an unlocked position capable of blocking said gripping member when it is in the locked position and capable of switching from the locked position to the unlocked position when said journals are in the high position.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2611/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : AIR CONDITIONER

(51) International classification :F24F11/02,F25B47/02
(31) Priority Document No :2010-202483
(32) Priority Date :09/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/001292
Filing Date :04/03/2011
(87) International Publication No :WO 2012/032681 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)SUGIO Takashi
2)TAKAHASHI Masatoshi
3)KAWAZOE Daisuke
4)OKA Kouji
5)YAMAMOTO Noriaki

(57) Abstract :

Provided is an air conditioner comprising an outdoor heat exchanger (14) an indoor heat exchanger (16) a four way valve (8) and a compressor (6) and the outdoor heat exchanger (14) is defrosted using a refrigerant heated by the compressor (6). The air conditioner comprises: an indoor wall temperature detection means (46) for detecting the temperature of an indoor wall; and a defrosting means for defrosting when it is determined that defrosting is necessary by selecting either a heating cycle or a cooling cycle on the basis of the indoor wall temperature detected by the indoor wall temperature detection means (46) and controlling the four way valve (8) so that the selected cycle can be executed.

No. of Pages : 34 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2612/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : IMPROVED CENTRIFUGAL SEPARATOR

(51) International classification :B04B11/08

(31) Priority Document No :13/168995

(32) Priority Date :26/06/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/062268

Filing Date :28/11/2011

(87) International Publication No :WO 2013/002827

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)FORD Steven D.

(57) Abstract :

A centrifugal separator of the present invention comprises an upper inlet chamber and separation barrel connected thereto. The upper inlet chamber comprises an inlet through which a solids laden fluid is introduced. An upper portion of the separation barrel extends into the upper inlet chamber below the inlet such that the interior wall of the upper inlet chamber and the upper portion of the separation volume define a space called the vestibular chamber. The vestibular chamber is defined at its upper end by a horizontally disposed plate larger in diameter than the separation barrel but smaller in diameter than the internal diameter of the upper inlet chamber. The upper portion of the separation barrel comprises a plurality of generally axially oriented slots which may penetrate through the wall of the separation barrel tangentially so as to generally induce a tangential flow pattern to fluid entering the separation barrel from the vestibular chamber.

No. of Pages : 29 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1569/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : MOBILE TERMINAL AND CONTROL METHOD THEREOF

(51) International classification	:H04N5/00
(31) Priority Document No	:10-2012-0073495
(32) Priority Date	:05/07/2012
(33) Name of priority country	:Republic of Korea
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LG ELECTRONICS INC.

Address of Applicant :128, Yeoui-daero, Yeongdeungpo-gu, Seoul, Republic of Korea.

(72)Name of Inventor :

1)VENKAT RAJU C.P

2)ROSHY MANAYIL JOHN

(57) Abstract :

The present disclosure relates to mobile terminal, and particularly to mobile terminal and control method thereof capable of acquiring images from outside. A mobile terminal includes a body; camera unit configured to acquire video images; sensing unit configured to sense at least one of the motion of body and users motion; a user input unit configured to receive control command for video image acquisition of camera unit; a controller configured to control camera unit to acquire first video image when sensed motion is preset motion, and control the camera unit to acquire second video image when control command received after acquiring the first video image is control command for the video image acquisition of the camera unit; and a merging unit configured to merge at least some of first video frames contained in first video image into second video frames contained in second video image to generate third video image.

No. of Pages : 47 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2547/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : ADJUSTMENT OF A TEXTILE MEASURING DEVICE

(51) International classification :G01N33/36

(31) Priority Document No :1448/10

(32) Priority Date :07/09/2010

(33) Name of priority country :Switzerland

(86) International Application No :PCT/CH2011/000146

Filing Date :14/06/2011

(87) International Publication No :WO 2012/031367

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)USTER TECHNOLOGIES AG

Address of Applicant :Sonnenbergstrasse 10 CH 8610 Uster
Switzerland

(72)Name of Inventor :

1)SCHERLER Philipp

(57) Abstract :

The adjustment method is used to automatically adjust a device (1) for examining an elongated textile test material (9) such as yarn. The device (1) contains a measuring circuit having a sensor (21) for a property of the test material (9). The measuring circuit has at least one component (31 32) that can be detuned by at least one electrical control signal (71 72). In order to adjust the device the measuring circuit is detuned and a change in an output signal (69) of the measuring circuit caused by said detuning is determined. The device (1) is adjusted on the basis of the detuning control signal and the determined change in the output signal (69). The adjustment compensates individual differences and enables measurements of a plurality of devices (1) to be compared with each other.

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2615/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : ACCESSORIES FOR MODULAR WALL CONSTRUCTION AND METHOD FOR CONSTRUCTING A MODULAR WALL

(51) International classification :E04B2/00,E04B2/44,E04G17/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/SG2010/000336
Filing Date :09/09/2010
(87) International Publication No :WO 2012/033463 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BUILDGREEN (ASIA) PTE LTD
Address of Applicant :60 Alexandra Terrace #10 08 The Comtech Singapore Singapore 118502 Singapore
(72)**Name of Inventor :**
1)CHEW Song Kim

(57) Abstract :

A modular wall fastener (100) and a bracket (200) for modular wall construction are disclosed herein. In a described embodiment the fastener (100) includes a pin portion (100) insertable into aligned apertures (408 409 418 419 428 429) of the modular wall panels (400 410 420) and a clip portion (108) configured to fasten the modular wall panels (400 410 420) together to form a primary face (302) of the wall (300). The bracket (200) is then mounted to inner surfaces of the modular wall panels (400 410 420) for supporting an opposing modular wall panel for forming a secondary face (304) of the wall (300).

No. of Pages : 42 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2616/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD FOR PRODUCING PROCESSING STABLE POLYAMIDE

(51) International classification :C08G69/46

(31) Priority Document No :10176093.2

(32) Priority Date :10/09/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/064932

Filing Date :31/08/2011

(87) International Publication No :WO 2012/031950

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)GRTZNER Rolf Egbert

2)KEELAPANDAL RAMAMOORTHY Shankara

Narayanan

3)EL TOUFALI Faissal Ali

4)GERSTLAUER Achim

5)STAMMER Achim

(57) Abstract :

The invention relates to a method for producing processing stable polyamides wherein the polyamide is treated with a gas that contains carrier gas (inert gas) water and acid or anhydride or lactone or mixtures thereof or ammonia or amine or mixtures thereof at a temperature of 130 to 200 °C and at a pressure of 0.01 to 10 bar during the solid phase post condensation.

No. of Pages : 16 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2618/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : SETTING UPLINK ANTENNA TRANSMISSION WEIGHTS IN SOFT HANDOVER

(51) International classification	:H04B7/02,H04B7/06	(71)Name of Applicant :
(31) Priority Document No	:10360036.7	1)ALCATEL LUCENT
(32) Priority Date	:08/10/2010	Address of Applicant :3 avenue Octave Grard F 75007 Paris
(33) Name of priority country	:EPO	France
(86) International Application No	:PCT/EP2011/004513	(72)Name of Inventor :
Filing Date	:08/09/2011	1)WONG Shin Horng
(87) International Publication No	:WO 2012/045382	
(61) Patent of Addition to Application		
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

User equipment a computer program product and method of setting antenna transmission weightings of user equipment in a wireless telecommunication network. The user equipment (vE1) is operable to transmit on at least two antenna and communicate with at least two base stations (NB1 NB2)in its active set. The method employed by the user equipment and computer program product comprises the steps of: receiving an indication of preferred antenna transmission weightings (W1 W2) from at least two base stations in said active set associated with said user equipment calculating from said received indications of preferred antenna transmission weightings an indication of compromise antenna transmission weightings which minimise the difference between said indication of compromise antenna transmission weightings and said indication of preferred antenna transmission weightings received from the base stations in said active set and setting said antenna transmission weightings in accordance with said calculated indication of compromise antenna transmission weightings.

No. of Pages : 39 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1649/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : ROTATING ELECTRICAL MACHINE

(51) International classification	:H01R39/00	(71)Name of Applicant :
(31) Priority Document No	:2012-101454	1)MITSUBISHI ELECTRIC CORPORATION
(32) Priority Date	:26/04/2012	Address of Applicant :7-3, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8310 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)ITAMI, RYOSUKE
Filing Date	:NA	2)HIROSUE, WATARU
(87) International Publication No	: NA	3)YAMAMOTO, KYOHEI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To obtain a high-performance rotating electrical machine which is capable of securing heating in the vicinity of a hook at the time of fusing, establishing stable electrical connection between a coil and a commutator segment, and preventing coil disconnection, provided is a rotating electrical machine, including: a commutator (22) ; and a coil (23) , the commutator including a commutator segment (40) integrally including, on one axial end side thereof, a hook (42) connected to the coil (23) , and, on another end side thereof, a sliding-contact portion (43) which is brought into sliding contact with a brush (33) , a plurality of the commutator segments (40) being arranged in a circumferential direction, the coil (23) being electrically connected to the hook (42) by fusing, in which the commutator segment (40) includes a thinned portion (46) between a leading end portion (42a) of the hook (42) and the sliding-contact portion (43) in an axial direction and in vicinity of the leading end portion (42a).

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2581/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : A METHOD OF MANUFACTURING A SCREEN CYLINDER AND A SCREEN CYLINDER

(51) International classification :D21D5/16

(31) Priority Document No :20106029

(32) Priority Date :06/10/2010

(33) Name of priority country :Finland

(86) International Application No :PCT/FI2011/050859

Filing Date :05/10/2011

(87) International Publication No :WO 2012/045911

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)AIKAWA FIBER TECHNOLOGIES TRUST

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(72)Name of Inventor :

1)ASIKAINEN Aku

2)HAYART Christophe

(57) Abstract :

The present invention relates to a method of manufacturing a screen cylinder and a screen cylinder that is particularly suitable for screening filtering fractionating or sorting cellulose pulp or fiber suspensions of the pulp and paper making industry or other similar suspensions. The present invention relates more particularly to screening or filtering devices of the type comprising a plurality of screen wires (10) positioned at a small spacing parallel to each other the screen wires (10) being fastened into notches in the support elements (20) by means of shrink fitting the screen wires (10) into the notches by heating the second rim area (26) of the support ring (20) evenly and uniformly after the screen wires (10) have been inserted into the notches.

No. of Pages : 22 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/04/2013

(21) Application No.2582/CHENP/2013 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : RECTIFIER CIRCUIT

(51) International classification	:H02M5/458
(31) Priority Document No	:10186492.4
(32) Priority Date	:05/10/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/066630
Filing Date	:26/09/2011
(87) International Publication No	:WO 2012/045602
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)DAMAZIO COELHO Kefas

2)LUESCHER Matthias

3)APELDOORN Oscar

4)BERNER Thomas

(57) Abstract :

The invention relates to a rectifier circuit having a rectifier unit (1) said rectifier unit (1) comprising a plurality of actuatable power semiconductor switches the DC side thereof being connected to a capacitive energy storage circuit (2) wherein the capacitive energy storage circuit (2) comprises at least one capacitive energy store and at least one load shedding network (3) for limiting the rate of increase of the current or voltage at the actuatable power semiconductor switches of the rectifier unit (1). In order to reduce undesired oscillations of an overcurrent in the capacitive energy storage circuit the capacitive energy storage circuit (2) comprises at least one passive non actuatable damping unit (4) having a unidirectional current passage direction wherein the passive non actuatable damping unit (4) comprises a diode and a damping resistor.

No. of Pages : 20 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2652/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : POWER CONTROL FOR A NETWORK OF ACCESS POINTS

(51) International classification :H04B17/00,H04W52/24
(31) Priority Document No :61/386278
(32) Priority Date :24/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/053108
Filing Date :23/09/2011
(87) International Publication No :WO 2012/040638
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)YAVUZ Mehmet

4)MITRA Suhas

5)KHAITAN Varun

6)MAKH Vansh Pal Singh

7)PATEL Chirag Sureshbhai

8)TOKGOZ Yeliz

9)SHEN Cong

(57) Abstract :

A power calibration scheme adjusts power levels of network of femtocells based on macro signals seen at different points in and around a coverage area and based on the mutual positions of the femtocells (e.g. based on femtocell signals seen at these points). The power calibration scheme thus facilitates a good balance between providing a desired level of coverage and mitigation of interference to nearby macrocells and femtocells.

No. of Pages : 114 No. of Claims : 57

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2534/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : MICROSTEP DRIVE CONTROL DEVICE FOR STEPPING MOTOR

(51) International classification	:H02P8/38,H02P8/22	(71)Name of Applicant :
(31) Priority Document No	:2010-225679	1)Mitsubishi Electric Corporation
(32) Priority Date	:05/10/2010	Address of Applicant :7 3 Marunouchi 2 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1008310 Japan
(86) International Application No	:PCT/JP2011/072779	(72)Name of Inventor :
Filing Date	:03/10/2011	1)KASHIWA Munetaka
(87) International Publication No	:WO 2012/046693	
	A1	
(61) Patent of Addition to Application		
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

MEL MEH MEMELMEHMEMEThe purpose of the present invention is to obtain a microstep drive control device for a stepping motor capable of reducing variations in torque due to the effects of detent torque without preparatory driving even when a frictional torque or the like changes. The microstep drive control device comprises: a phase difference estimator for estimating the estimated phase difference of current for a command value on the basis of the detected current of the motor and the command value; a low speed motor rotational angle estimator for estimating the estimated motor rotational angle duringlow speed rotation on the basis of the detected current and a microstep drive signal; a high speed motor rotational angle estimator for estimating the estimated motor rotational angle duringhigh speed rotation on the basis of the estimated phase difference and the command value; an adder for estimating an estimated motor rotational angle by adding the estimated motor rotational angles and at appropriate proportions in accordance with the command value; a detent torque estimator for estimating the estimated detent torque on the basis of the estimated motor rotational angle ; and a compensation signal generator for generating a compensation signal on the basis of the estimated detent torque and the estimated motor rotational angle .

No. of Pages : 33 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2674/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : FACILITATING DISTRIBUTED CHANNEL ACCESS FOR TRANSMISSIONS IN A WIRELESS COMMUNICATION ENVIRONMENT

(51) International classification :H04W72/12,H04W84/12
(31) Priority Document No :12/908744
(32) Priority Date :20/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/056112
Filing Date :13/10/2011
(87) International Publication No :WO 2012/054292
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121 U.S.A.
(72)**Name of Inventor :**
1)WENTINK Maarten Menzo

(57) Abstract :

Methods and apparatuses are provided for facilitating distributed channel access for uplink transmissions in a wireless communication environment. An Access point may assign a predecessor transmitter device for each of a plurality of access terminals and may transmit to each access terminal an instruction to follow a respective preceding transmission by the predecessor transmitter. An access terminal may receive the transmission including the instruction and may monitor for and detect the preceding transmission. The access terminal may then transmit a transmission after the completion of an interframe space that may follow the detected preceding transmission.

No. of Pages : 41 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2676/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHODS AND APPARATUS FOR RESOURCE ALLOCATION FOR PEER TO PEER DATA IN NON PEER TO PEER RESOURCES

(51) International classification	:H04W72/08
(31) Priority Document No	:12/898906
(32) Priority Date	:06/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/054813
Filing Date	:04/10/2011
(87) International Publication No	:WO 2012/047927
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PATIL Shailesh
2)WANG Hua
3)WU Xinzhou
4)LI Junyi

(57) Abstract :

A method of operating a wireless device includes communicating in one of peer to peer data resources or non peer to peer resources. The peer to peer data resources include a first set of peer to peer resources with a first bandwidth and a second set of peer to peer resources with a second bandwidth greater than the first bandwidth. The first set of peer to peer resources is parallel in time with the non peer to peer resources. In addition the method includes estimating a signal quality for a data transmission on the peer to peer data resources. Furthermore the method includes determining whether to send the data transmission in one of the first set of peer to peer resources or the second set of peer to peer resources based on the estimated signal quality.

No. of Pages : 42 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2677/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : CONDITIONAL SELECTION OF DATA ELEMENTS

(51) International classification :G06F9/30,G06F9/38
(31) Priority Document No :1017176.7
(32) Priority Date :12/10/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/051847
Filing Date :29/09/2011
(87) International Publication No :WO 2012/049474
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)ARM LIMITED

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Cambridge CB1 9NJ U.K.

(72)Name of Inventor :

1)CRASKE Simon John

2)GRISENTHWAITE Richard Roy

3)STEPHENS Nigel John

(57) Abstract :

A data processing apparatus method and computer program that perform an operation on one data element such as a register and then conditionally select either that register or a further register on which no operation has been performed. The apparatus comprises an instruction decoder configured to decode at least one conditional select instruction said at least one conditional select instruction specifying a primary source register a secondary source register a destination register a condition and an operation to be performed on a data element from the secondary source register; a data processor configured to perform data processing operations controlled by the instruction decoder wherein: the data processor is responsive to the decoded at least one conditional select instruction and the condition having a predetermined outcome to perform the operation on the data element from the secondary source register to form a resultant data element and to store the resultant data element in the destination register; and the data processor is responsive to the decoded at least one conditional select instruction and the condition not having the predetermined outcome to form the resultant data element from the data element from the primary register and to store the resultant data element in the destination register.

No. of Pages : 35 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2336/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : CLOTHING CARRIER

(51) International classification	:D01G15/00	(71)Name of Applicant :
(31) Priority Document No	:00764/12	1)GRAF + CIE AG
(32) Priority Date	:04/06/2012	Address of Applicant :BILDAUSTRASSE 6, CH-8640
(33) Name of priority country	:Switzerland	RAPPERWIL Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)STEINBACH, GUNTER
(87) International Publication No	: NA	2)ARTZT, PETER
(61) Patent of Addition to Application Number	:NA	3)JEHLE, VOLKER
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a clothing carrier (3) for flexible or semi-rigid clothings (2) for processing fiber material, wherein the clothing carrier (3) has a longitudinal direction (6) and a transverse direction (7). The transverse direction (6) corresponds to a working direction (A) of the clothing (2). The clothing carrier (3) exhibits a maximum tensile force (FL) in the longitudinal direction (6) which is greater than a maximum tensile force (FQ) in the transverse direction (7).

No. of Pages : 13 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2337/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND DEVICE FOR YARN SPINNING-IN ON A SPINNING MACHINE

(51) International classification	:D01H4/00	(71)Name of Applicant :
(31) Priority Document No	:PV 2012-370	1)RIETER CZ S.R.O
(32) Priority Date	:01/06/2012	Address of Applicant :MORAVSKA 159, 562 01, USTI NAD
(33) Name of priority country	:Czech Republic	ORLICI Czech Republic
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)POZNIK, PETR
(87) International Publication No	: NA	2)POZNIK, PETR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method of yarn spinning-in on an open-end spinning machine, comprising a plurality of workstations situated next to each other, wherein along the workstations is a movably arranged attending device capable of automatic yarn spinning-in on individual workstations. After starting the machine the attending device carries out in turn only one attempt to spin-in each attended workstation and only after carrying out one attempt to spin-in each attended workstationthe attending device returns to the workstations where the first attempt has failed, or where, in the meantime, spinning was interrupted, and on each of such workstation it carries out from one to three attempts to spin-in (spinning resumption). The invention also relates to a device for carrying out the above described method of spinning-in yarn on an open-end spinning machine.

No. of Pages : 12 No. of Claims : 2

(54) Title of the invention : PULLULAN CONTAINING POWDER METHOD FOR PRODUCING SAME AND USE THEREOF

(51) International classification :C08B37/00,C12P19/10,C12R1/645
 (31) Priority Document No :2010-138793
 (32) Priority Date :17/06/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/063922
 Filing Date :17/06/2011
 (87) International Publication No :WO 2011/158936 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)Hayashibara Co. Ltd.
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 Okayama 7028006 Japan
 (72)Name of Inventor :
1)SHIBUYA Takashi
2)IZAWA Seisuke
3)MIYAKE Toshio

(57) Abstract :

Aureobasidium pullulans The purpose is to provide a pullulan containing powder which can be produced without resorting to a troublesome purification step using for example solvent precipitation and when shaped into a film shows a higher breaking strength than the existing products a method for producing the pullulan containing powder and use thereof. For this a pullulan containing powder which is produced by culturing a variant of a microorganism belonging to in a medium containing glucose and maltose as a carbon source without resorting to a step for removing contaminating saccharides from the culture product thus obtained said pullulan containing powder being characterized by comprising a pullulan fraction that is insoluble in 75 vol.% aqueous methanol and a contaminating saccharide fraction that is soluble therein the ratio (determined by the anthron sulfuric acid method) of contaminating saccharides contained in the contaminating saccharide fraction being 3 mass% or less relative to the total saccharides contained in the whole powder and containing mannitol a method for producing the pullulan containing powder and use thereof are provided.

No. of Pages : 89 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2681/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : INFORMATION TERMINAL DEVICE AND TOUCH PANEL DISPLAY METHOD

(51) International classification :G06F3/048,G06F3/041
(31) Priority Document No :2010211802
(32) Priority Date :22/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/070468
Filing Date :08/09/2011
(87) International Publication No :WO 2012/039288
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KAJIYAMA Kunihiro

(57) Abstract :

When a user touches an icon a control unit displays pointers in directions that extend radially from the icon allowing anchors to be selected. The pointers are displayed either while the icon is touched or for a brief time after the user removes a finger from the icon. A touchable region is displayed at each position near the icon in each of the four directions that the pointers denote. When a finger other than the finger that touches the display position of the icon is used i.e. to touch a touch region the link corresponding to said touch region is selected.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :02/04/2013

(21) Application No.2543/CHENP/2013 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : AUTO INJECTOR

(51) International classification :A61M5/20

(31) Priority Document No :10186999.8

(32) Priority Date :08/10/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/067496

Filing Date :06/10/2011

(87) International Publication No :WO 2012/045833

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SANOFI AVENTIS DEUTSCHLAND GMBH

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(72)Name of Inventor :

1)KEMP Thomas Mark

2)EKMAN Matthew

(57) Abstract :

The invention refers to an auto injector (1) for administering a medicament (M) and to a method for operating it the auto injector (1) comprising: a tubular chassis (2) and a carrier subassembly comprising a tubular carrier (7) slidably arranged in the chassis (2). The carrier (7) contains a syringe (3) a drive spring (8) and a plunger (9) for forwarding load of the drive spring (8) to a stopper (6) arranged in the syringe (3). The syringe (3) is locked for joint axial translation with the carrier (7). A control spring (19) is connectable to the carrier (7) by first interlock means (20 23 24) for needle insertion wherein the whole carrier subassembly is advanced. Second interlock means (11 13 15) are arranged for releasing the drive spring (8) when the carrier (7) has at least almost reached an injection depth thus delivering the medicament (M). The first interlock means (20 23 24) are arranged for decoupling the control spring (8) from the carrier (7) and coupling it to the chassis (2) for advancing it over the needle (4) into a needle safe position.

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2609/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND SYSTEM FOR MONITORING AN INDUSTRIAL PROCESS

(51) International classification :G05B19/042

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2010/065122

Filing Date :08/10/2010

(87) International Publication No :WO 2012/045371

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)OLAUSSON Martin

2)TIMSJ- Susanne

3)HANBERG Anders

(57) Abstract :

It is presented a method for monitoring an industrial process with a graphical user interface (7) of an operator panel (5). The graphical user interface (7) is adapted to change between a default mode (M I) in which it presents a plurality of objects (0 1 0 2 0 3 0 4) related to the industrial process and a user adapted mode (M 2) in which a subset (0 1 0 4) of the plurality of objects (0 1 0 2 0 3 0 4) is presented. The subset of objects (0 1 0 4) is selected based on a parameter value which is associated with each object of the plurality of objects (0 1 0 2 0 3 0 4). The graphical user interface (7) enters the user adapted mode (M 2) by the method determining (S1) whether a time of inactivity of the operator panel (5) exceeds a threshold value and provided that the threshold value has been exceeded removing (S2) those objects (0 2 0 3) of the plurality of objects (0 1 0 2 0 3 0 4) on the graphical user interface (7) which are not included in the subset of objects (0 1 0 4) wherein the subset of objects (0 1 0 4) remain displayed on the graphical user interface (7) thereby providing the user adapted mode (M 2) of the graphical user interface (7). It is also presented a system (1) for monitoring an industrial process.

No. of Pages : 21 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2610/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : INTELLIGENT BELT DRIVE SYSTEM AND METHOD

(51) International classification :B60K25/00,F02B67/06,F16H7/12

(31) Priority Document No :61/381929

(32) Priority Date :10/09/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/CA2011/001032
Filing Date :12/09/2011

(87) International Publication No :WO 2012/031361

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

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2)SPICER Gary J.

3)WILLIAMS Warren

4)ZBYSLAW Staniewicz

5)BOYES Malcolm Andrew

6)HAMERS Gerald John

7)FAREWELL Ron

(57) Abstract :

In one aspect the invention relates to a tensioner that is capable of precognitively anticipating when it is desirable to increase the tension in a belt or other endless drive element so as to prevent belt slip prior to events that would raise the risk of it.

No. of Pages : 99 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2685/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : NON STARCH BASED SOFT CHEWABLES

(51) International classification :A61K9/00,A61K9/20
(31) Priority Document No :61/392150
(32) Priority Date :12/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/067699
Filing Date :11/10/2011
(87) International Publication No :WO 2012/049156
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)VENKATA RANGARAO Kanikanti
2)HAMANN Hans J¹/₄rgen

(57) Abstract :

The present invention generally relates to soft chewables especially suitable for delivering active ingredients to animals and processes for the preparation thereof. In various embodiments the soft chewable comprises a pharmaceutically effective amount of at least one active ingredient a flavoring agent a disintegrant a humectant an antioxidant a preservative and water. In accordance with preferred embodiments the soft chewable is essentially free of starch oil glycols waxes and soy products.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10561/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : TIMEPIECE DIAL FEET

(51) International classification	:G04B19/12,G04B19/14
(31) Priority Document No	:10166916.6
(32) Priority Date	:22/06/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/060285
Filing Date	:21/06/2011
(87) International Publication No	:WO 2011/161080 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)JEANRENAUD Frdric

2)WINKLER Yves

(57) Abstract :

The invention relates to a timepiece dial (7). This dial has at least one foot (9). The food is fixed to said dial and used to fix said dial to said timepiece. The foot is produced from an at least partially amorphous metal alloy.

No. of Pages : 19 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.147/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : BIOABSORBABLE SUPERFICIAL FEMORAL STENT PATTERNS WITH DESIGNED TO BREAK LINKS

(51) International classification	:A61F2/82
(31) Priority Document No	:12/882978
(32) Priority Date	:15/09/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/047574
Filing Date	:12/08/2011
(87) International Publication No	:WO 2012/036812
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PACETTI Stephen D.

(57) Abstract :

Bioabsorbable polymeric stent patterns with linking struts between rings that are designed to fail upon deployment of the stent are disclosed.

No. of Pages : 52 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2235/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :22/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : PROCESS FOR THE PREPARATION OF A CATALYST USING A RAPID DRYING STAGE AND USE THEREOF FOR FISCHER-TROPSCH SYNTHESIS

(51) International classification	:B01J23/00	(71)Name of Applicant :
(31) Priority Document No	:12/01.543	1)ENI S.P.A.
(32) Priority Date	:30/05/2012	Address of Applicant :PIAZZALE ENRICO MATTEI, 1,
(33) Name of priority country	:France	00144 ROMA Italy
(86) International Application No	:NA	2)IFP ENERGIES NOUVELLES
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MAURY, SYLVIE
(61) Patent of Addition to Application Number	:NA	2)DIEHL, FABRICE
Filing Date	:NA	3)BERLIET, ADRIEN
(62) Divisional to Application Number	:NA	4)LOPEZ, JOSEPH
Filing Date	:NA	

(57) Abstract :

The present invention concerns a process for the preparation of a catalyst comprising an active phase comprising at least one metal from group VIII selected from cobalt, nickel, ruthenium and iron, alone or as a mixture, and an oxide support which can be used in a Fischer-Tropsch synthesis process comprises at least once the linked sequence of a stage for impregnation of said oxide support, a drying stage in which said impregnated oxide support is entrained by means of a gas, said impregnated oxide support being subjected in said stage to a temperature rise ramp of between 250 and 600°C/min, the residence time of said impregnated oxide support in said drying stage being between 1 second and 1 minute, and a stage for calcination of said dried impregnated oxide support. The invention also concerns a Fischer-Tropsch synthesis process using the catalyst prepared according to the preparation process.

No. of Pages : 29 No. of Claims : 15

(54) Title of the invention : PROCESS FOR THE PREPARATION OF A CATALYST USING AT LEAST ONE RAPID DRYING STAGE AND AT LEAST ONE FLUIDISED BED DRYING STAGE AND USE THEREOF FOR FISCHER-TROPSCH SYNTHESIS

(51) International classification	:B01J23/00	(71)Name of Applicant :
(31) Priority Document No	:12/01.542	1)IFP ENERGIES NOUVELLES
(32) Priority Date	:30/05/2012	Address of Applicant :1 & 4 AVENUE DE BOIS-PREAU,
(33) Name of priority country	:France	92852 RUEIL-MALMAISON CEDEX France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MAURY, SYLVIE
(87) International Publication No	: NA	2)DIEHL, FABRICE
(61) Patent of Addition to Application Number	:NA	3)BERLIET, ADRIEN
Filing Date	:NA	4)LOPEZ, JOSEPH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention concerns a process for the preparation of a catalyst comprising an active phase comprising at least one metal from group VIII selected from cobalt, nickel, ruthenium and iron, alone or as a mixture, and an oxide support, said process comprising at least one stage for stabilisation of said oxide support, consisting of a stage for impregnation of said oxide support, a rapid drying stage, a stage for calcination of said impregnated and dried oxide support, said calcination operation being carried out in one or two stages, said stabilisation stage being followed by at least once the linked sequence of the following stages, a stage for impregnation of said stabilised oxide support, a stage for drying of said stabilised and impregnated oxide support operating in a fluidised bed in the presence of a gas, said support being subjected to a temperature rise ramp of between 0.5 and 5°C/min to attain a temperature of between 50 and 170°C, the residence time of said support once the drying temperature is reached in said drying stage being between 20 and 180 min, and a stage for calcination of said dried impregnated stabilised oxide support.

No. of Pages : 26 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2710/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : MULTIFUNCTIONAL ANTI THEFT DEVICE

(51) International classification :G08B13/14,G06F3/033
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/AT2010/000335
Filing Date :14/09/2010
(87) International Publication No :WO 2012/034142 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)ZWISLER Georg

(57) Abstract :

The invention relates to a multifunctional compiled and programmed anti theft device which contains a novel operator control controller and supplementary functions for moving articles combinable with two or more articles or parts having a 3D all purpose/smart sensor (2) for alarm triggering and menu operator control by means of individually determined housing movement. The alarm sound consists of individually spoken words sentences or is combined with alarm sounds. Movements on the 3D terrain are sensed by the 3D sensor are recorded and can be presented on a display (7) or by means of computer applications. A programmable microchip (1) with a data capacity undertakes the control monitoring data storage (data) management and (data) interchange by means of USB Bluetooth radio etc. (11). The alarm is triggered in the event of movement or in the case of two parts (16) in the event of a sensor or signal interval being exceeded (integration in articles and/or combination with a mobile phone (10) GPS (9) or the like (10) and the functions thereof is likewise possible). The anti theft device may be designed to be fixed removable or integrated on the article to be protected.

No. of Pages : 14 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.133/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : INTERVENTIONAL DRAPE COMPRISING A PATIENT INTERVENTIONAL DRAPE AND A BARRIER DRAPE

(51) International classification	:A61B19/08
(31) Priority Document No	:61/397535
(32) Priority Date	:11/06/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/DK2011/050205
Filing Date	:10/06/2011
(87) International Publication No	:WO 2011/154010
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)SLOTH Erik

2)BENDTSEN Thomas Fichtner

3)KNUDSEN Lars

(57) Abstract :

This invention describes an interventional drape (1) and a kit for interventional procedures comprising the interventional drape. The interventional drape provided with at least one steril pocket (35 37) for procedural means and comprising a patient interventional drape (3) with at least one fenestration (5) where a barrier drape (31) is attached to said patient interventional drape and that said at least one pocket (35 37) is provided in said barrier drape.

No. of Pages : 30 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2054/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :08/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : ELEMENT-FORMING DEVICE FOR SLIDE FASTENER AND ELEMENT FOR SLIDE FASTENER

(51) International classification	:B29C
(31) Priority Document No	:201210152308.9
(32) Priority Date	:10/05/2012
(33) Name of priority country	:China
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)AOKI, TOSHIO
2)TSUCHIDA, SHIGERU

(57) Abstract :

The present invention provides an element-forming device for a slide fastener and an element for a slide fastener. The element-forming device comprises a cutting die; a forming die; a cutting punch disposed in a manner of sliding contact on an upper surface of the cutting die; a forming punch being liftable cooperating with the forming die. The cutting punch comprises a main body at which tip end is provided with a first knife portion cooperating with a knife portion of the cutting die to sever the wire material. A slideable portion slideable relative to the cutting die is provided on a surface of the main body opposite to the cutting die to extend from the main body. The slideable portion is provided with a second knife portion protruding forward in a sliding direction of the cutting die and configured to form a recess on a part of the wire material, the first knife portion has a first knife surface which has a shape consistent with a part of the wire material forming a head portion of an element, and the second knife portion has a second knife surface which has a fiat inclined surface in a manner of enabling a length of the protruding knife to be shortened from up to down.

No. of Pages : 20 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2643/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : STRIP CASTING MACHINE

(51) International classification :B22D11/06
(31) Priority Document No :10 2010 048 004.5
(32) Priority Date :07/10/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2011/001845
Filing Date :05/10/2011
(87) International Publication No :WO 2012/051995 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)BAUSCH Jrg
2)HECKEN Hans J4rgen
3)PRLING Reiner
4)HARTUNG Matthias

(57) Abstract :

The invention relates to a strip casting machine wherein a molten metal is fed from a molten metal feeding system with a defined thickness onto a horizontally arranged revolving casting strip and is cooled thereon until it is largely solidified all the way through lateral supporting surfaces forming boundaries being provided on both sides of the casting strip. The supporting surfaces consist of respective vertically arranged revolving metal strips that travel with the casting strip and are supported with the rear side thereof that faces away from the molten metal and the solidifying strip on the front side of cooling chambers that are fixed in place. Means are used to pull the material sliding along the front side of the cooling chambers against same.

No. of Pages : 11 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2644/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : DISPENSING LIQUIDS FROM A CONTAINER COUPLED TO AN INTEGRATED PUMP CAP

(51) International classification :B29C45/18,B29B7/94,B67D7/62
(31) Priority Document No :61/391549
(32) Priority Date :08/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/055184
Filing Date :07/10/2011
(87) International Publication No :WO 2012/048172
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)CENTOFANTE Charles A.
2)BOOTHMAN Brian S.

(57) Abstract :

This specification describes technologies relating to dispensing liquid materials. In general one innovative aspect of the subject matter described in this specification can be embodied in apparatuses that include a container (203) coupled to an integrated pump cap (202) the integrated pump cap (202) including a pump coupled to an intake port to the container (203) and an output port configured to dispense liquids from the container (203) when the pump is activated.

No. of Pages : 32 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2718/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :08/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : REFERENCE SIGNAL CONFIGURATION AND RELAY DOWNLINK CONTROL CHANNEL

(51) International classification :H04W72/04,H04L5/00,H04B7/02

(31) Priority Document No :61/391419

(32) Priority Date :08/10/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/055230

Filing Date :07/10/2011

(87) International Publication No :WO 2012/048203

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)BHATTAD Kapil

2)CHEN Wanshi

3)GAAL Peter

(57) Abstract :

Aspects of the present disclosure relate to methods for allowing a relay base station to more efficiently decode relay control information transmitted from a donor base station. A relay base station may determine a configuration of resource elements used for transmission of reference signals and decode sets of resource elements based on the configuration of reference signals. According to aspects a donor base station may transmit relay control information in a data portion of a subframe based on the configuration of reference signals transmitted by the donor base station.

No. of Pages : 46 No. of Claims : 76

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10770/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : TRANSFORMER AND ARC DISCHARGE PROCESSING DEVICE

(51) International classification	:H01F30/00,H01F27/42	(71)Name of Applicant :	
(31) Priority Document No	:2011115503	1)PANASONIC CORPORATION	
(32) Priority Date	:24/05/2011	Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka	
(33) Name of priority country	:Japan	5718501 Japan	
(86) International Application No	:PCT/JP2012/002667	(72)Name of Inventor :	
Filing Date	:18/04/2012	1)SHIMABAYASHI Shinsuke	
(87) International Publication No	:WO 2012/160752	2)TANAKA Yoshiaki	
(61) Patent of Addition to Application	:NA	3)NAGANO Motoyasu	
Number	:NA	4)UMEDA Wataru	
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

The transformer has a primary winding wound around the first core, a secondary winding wound around the first core, and a tertiary winding wound around the first core. A portion of the tertiary winding that is not wound around the first core is wound around the second core so as to form the tertiary winding into a closed loop structure. The structure allows the transformer to change its characteristics with no need to change the material and thickness of a gap disposed in the core.

No. of Pages : 35 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.10784/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : LIQUID PERMEABLE PANEL

(51) International classification	:A01K1/015,A01K23/00	(71)Name of Applicant :
(31) Priority Document No	:2010145700	1)Uni Charm Corporation
(32) Priority Date	:25/06/2010	Address of Applicant :182 Shimobun Kinsei cho Shikokuchuo
(33) Name of priority country	:Japan	shi Ehime 7990111 Japan
(86) International Application No	:PCT/JP2011/064546	(72)Name of Inventor :
Filing Date	:24/06/2011	1)MATSUO Takayuki
(87) International Publication No	:WO 2011/162377	2)HIRAO Tomoko
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a liquid permeable panel that is of a system toilet for animals and that can prevent urine wetting resulting from torsion or folding over of a pee pad. The liquid permeable panel (3) covers the excrement containment section (6) of the system toilet (1) for animals. Of the aforementioned panel the side surface 1 cm compression deformation load which is the load necessary for at least 1cm of torsion to arise with respect to load from the side surface direction (X) that is perpendicular to the direction of thickness of said panel is at least 5 N and no greater than 20 N. Preferably the liquid permeable panel (3) has a plurality of holes (31) that penetrate said liquid permeable panel (3) in the direction of thickness and has as a material corrugated cardboard wherein liquid goes through the aforementioned plurality of holes (31) passing through in the direction of thickness of the aforementioned liquid permeable panel.

No. of Pages : 36 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2594/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : BRACKET LESS CLAMPING ASSEMBLY

(51) International classification	:F16B7/18
(31) Priority Document No	:102010040419.5
(32) Priority Date	:08/09/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/062729
Filing Date	:25/07/2011
(87) International Publication No	:WO 2012/031822
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)BRUNNEKE Hans Gerd

(57) Abstract :

The invention relates to a clamping assembly (1 2 6) on a strut element for example for the coupling connection of chassis parts by means of a steering rod or track rod. The clamping assembly connects one end (5) of the substantially tubular strut (1) of the strut element to a threaded bolt (2) in particular for the introduction of force into the strut element. According to the invention the clamping assembly (1 2 6) is distinguished by a threaded sleeve (6) which is arranged in a conical internal thread (11) of the strut (1) in the end region (5) of the tubular strut (1) in a radial annular gap between the threaded bolt (2) and the inner cross section of the strut (1) wherein the threaded sleeve (6) has a conical external thread (8) and an internal thread (12) which receives the threaded bolt (2). Here the threaded sleeve (6) is of radially elastic configuration at least in the region of its strut side end (14).

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2740/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :09/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : A MULTIPLE LOOP SYMMETRICAL INDUCTOR

(51) International classification	:H01F17/00
(31) Priority Document No	:12/906006
(32) Priority Date	:15/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/051247
Filing Date	:12/09/2011
(87) International Publication No	:WO 2012/050703
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)KIREEV Vassili
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3)MARLETT Mark J.

(57) Abstract :

A symmetrical inductor includes pairs of half loops (e.g. 312 314 316 318) first and second terminal electrodes (e.g. 302 304) and a center tap electrode (e.g. 310). The half loop pairs are in respective conductive layers (e.g. 101 201) of an integrated circuit. Each half loop pair includes a first (e.g. 312 316) and second half loop (e.g. 314 318) in the respective conductive layer. The first and second terminal electrodes are in a first conductive layer and the center tap electrode is in a second conductive layer. The first terminal electrode and the center tap electrode are coupled through a first series combination that includes the first half loop of each half loop pair. The second terminal electrode and the center tap electrode are coupled through a second series combination that includes the second half loop of each half loop pair.

No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1705/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :26/03/2009

(43) Publication Date : 11/07/2014

(54) Title of the invention : POLYMER COMPOSITIONS

(51) International classification	:C08F230/08
(31) Priority Document No	:60/840,440
(32) Priority Date	:28/08/2006
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP07/58770
Filing Date	:23/08/2007
(87) International Publication No	:WO
	2008/025718
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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1)ZHAO, MING

2)FANG, JOHN

(57) Abstract :

Polymers are described that are prepared from di- and mono-functional silicone and silane monomers of Formula 1 in which Y represents a direct bond or a oxy group; R1 represents an optionally substituted organo group with at least one double bond which optionally may be an activated unsaturated moiety such as a (meth) acrylate group;for example l-n-propoxy(acrylate) or ethenyl; and R1 and R1 each separately, and independently within each optional repeat unit, represent an optionally substituted hydrocarbo, hydrocarbo(oxy) , hydrosilico and/or hydrosilico(oxy) groups; or example, methyl; or trimethylsiloxy; R independently represents an optionally substituted organo group with at least one double bond (such as R1 above) an optionally substituted hydrocarbo, and/or hydrosilico group for example trimethylsilyl or ethenyl; and n is from about 0 to about 2000; preferably from about 1 to about 100, for example n is 1. Such polymer precursors can be used to prepare flow modifying agents, defoamers and/or pressure sensitive adhesives.

No. of Pages : 33 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2736/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :09/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : PHASE DETECTOR

(51) International classification:H04L27/00,H04B1/26,H04L27/18

(31) Priority Document No :61/409544

(32) Priority Date :03/11/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/CA2011/001217

Filing Date :01/11/2011

(87) International Publication No :WO 2012/058757

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

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(57) Abstract :

Described are a method for generating a metric that is a function of a phase difference between a modulated carrier and a local carrier and a phase detector for performing such a method. A baseband symbol is obtained from the modulated carrier and the phase of the symbol is determined. Assuming that the modulation used to modulate the modulated carrier has a constellation diagram with M fold rotational symmetry the metric can be generated from the phase by evaluating a base function that includes a triangle wave having positively and negatively sloped linear segments whose slopes have identical absolute values and that is periodic with a period of 2π radians. Alternatively or additionally if the ideal symbol phases are uniformly distributed the metric can be generated by evaluating a version of the base function in which the ideal symbol phases correspond to identically valued metrics located on the triangle wave.

No. of Pages : 77 No. of Claims : 53

(54) Title of the invention : FAULT DIRECTION PARAMETER INDICATOR DEVICE USING ONLY CURRENT AND RELATED METHODS

(51) International classification :G01R31/08,H02H3/26,H02H3/08
 (31) Priority Document No :10187546.6
 (32) Priority Date :14/10/2010
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2011/067995
 Filing Date :14/10/2011
 (87) International Publication No :WO 2012/049294
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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 (72)**Name of Inventor :**
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2)DECK Bernhard
3)SHAH Vishal H.

(57) Abstract :

A method of determining a fault direction parameter of a fault on an AC transmission line 10 of a power distribution system 1 relative to a measurement location 12 of the transmission line 10 is described. The method comprises: measuring by a measurement unit 20 a time dependent AC current of the transmission line 10 at the measurement location 12 thereby obtaining time domain current data 80 indicative of the measured current; the measurement unit 20 comprising a current sensor for measuring the current at the measurement location 12 of the transmission line 10 but no voltage sensor; transmitting the current data to a decision logic section 36; obtaining a fault time 81 of the fault on the AC transmission line 10; identifying a first time t1 and a second time t2 by identifying a periodically re occurring feature of the current data 80 such that the fault time 81 is between the first time t1 and the second time t2 wherein the periodically re occurring feature is selected from the group consisting of a zero crossing a maximum a minimum a highest gradient of the current data; extracting from the current data 80 an offset indicative parameter 82; 86 87 indicative of a time offset 8G of the current at the fault time 81 wherein the offset indicative parameter 82 is a time interval between the first time t1 and the second time t2; calculating an offset direction parameter by comparing the offset indicative parameter 82; 86 87 to a non offset indicative parameter 84; and establishing the fault direction parameter based on the calculated offset direction parameter.

No. of Pages : 40 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.239/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/01/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD FOR ERECTING A BUILDING STRUCTURE WITH CONSTRUCTION ELEMENTS AND A SYSTEM OF CONSTRUCTION ELEMENTS THEREFOR

(51) International classification	:E04B2/02
(31) Priority Document No	:2004901
(32) Priority Date	:16/06/2010
(33) Name of priority country	:Netherlands
(86) International Application No	:PCT/NL2011/050434
Filing Date	:15/06/2011
(87) International Publication No	:WO 2011/159158
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :

The present invention relates to a method for erecting a building structure with construction elements wherein the construction elements comprise block shaped bags filled with filling material and having an upper side a lower side a front side a rear side a right end surface and a left end surface and wherein the block shaped bag like construction elements of a first type are basic wall elements provided with connecting flaps at least close to the two end surfaces; the method comprising at least the steps of: arranging at least two basic wall elements adjacently of each other on a ground surface wherein the right end surface of the first basic wall element and the left end surface of the second basic wall element are placed close to each other; placing against each other the connecting flaps of respectively the first and second basic wall elements situated close to the end surfaces placed closely together; and mutually connecting the connecting flaps. The invention further relates to a system of construction elements for applying such a method.

No. of Pages : 54 No. of Claims : 31

(54) Title of the invention : ABSORBENT ARTICLE

(51) International classification :A61F13/15,A61F13/49,A61F13/511
 (31) Priority Document No :2010223096
 (32) Priority Date :30/09/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/072705
 Filing Date :26/09/2011
 (87) International Publication No :WO 2012/043844
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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(72)Name of Inventor :

1)YOSHIOKA Toshiyasu**2)MASAKI Shunsuke**

(57) Abstract :

An interior body (1) of a disposable diaper includes a liquid permeable front sheet (2) a liquid impermeable back sheet (3) and a liquid retaining absorbent core (4). The front sheet consists of a single sheet including spunbond layers on the front side and back side and a melt blown layer between the spunbond layers. The absorbent core consists of fiber aggregates and super absorbent polymer particles. The front sheet covers the skin side surface of the absorbent core while being directly bonded to the skin side surface. The length of the front sheet in the lengthwise direction is longer than the length of the absorbent core in the lengthwise direction so that the front sheet is provided with extended sections which extend outward in the lengthwise direction from both ends of the absorbent core in the lengthwise direction while the extended sections are each continuously connected in the transverse direction with the front sheet or back sheet which overlaps with the extended section. The extended sections can directly contact the skin of the wearer.

No. of Pages : 41 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2806/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : ARRANGEMENT FOR TRANSMITTING POWER BETWEEN A DC POWER LINE AND AN AC POWER LINE

(51) International classification :H02M7/537,H02J3/36,H02M7/48

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2010/065545

Filing Date :15/10/2010

(87) International Publication No :WO 2012/048754

(61) Patent of Addition to

Application Number :NA

Filing Date :NA

(62) Divisional to Application

Number :NA

Filing Date :NA

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(72)Name of Inventor :

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2)JONSSON Tomas

3)SUBRAMANIAN Sasitharan

(57) Abstract :

The invention concerns an arrangement (23) for transmitting power between a DC power line (12) and an AC power line (22A 22B 22C) carrying a voltage having a number of phases. The arrangement comprises a number of transformers (20A 20B 20C) one for each phase and a number of power transfer modules one for each phase connected in series between the DC power line and ground where each module comprises a first branch including series connected converter cells (CA1 CA2 CB1 CB2 CC1 CC2) and a second branch comprising series connected switching elements (SW1A SW2A SW1B SW2B SW3A SW3B). The primary winding of a transformer (20A 20B 20C) is connected to a corresponding AC phase conductor (22A 22B 22C) of the AC power line and the secondary winding is connected between a midpoint of the first branch and a midpoint of the second branch of a corresponding power transfer module.

No. of Pages : 27 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2586/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :03/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : MOBILITY LOAD BALANCING AND RESOURCE STATUS REPORT FOR SCENARIOS WITH RELAY NODES

(51) International classification	:H04L
(31) Priority Document No	:61/388932
(32) Priority Date	:01/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/054492
Filing Date	:01/10/2011
(87) International Publication No	:WO 2012/045059
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)PRAKASH Rajat
3)CATOVIC Amer

(57) Abstract :

Certain aspects of the present disclosure techniques and apparatuses for mobility load balancing and resource status report for scenarios with relay nodes. The techniques generally include intercepting (402) a report message from a relay node destined for a target base station modifying (404) the report message based on information not available at the relay node and sending (406) the modified report message to the target base station.

No. of Pages : 33 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2657/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : PLASTIC CLOSURE HAVING A CAPSULE FOR DISPENSING ACTIVE INGREDIENTS

(51) International classification :B65D51/28

(31) Priority Document No :01670/10

(32) Priority Date :13/10/2010

(33) Name of priority country :Switzerland

(86) International Application No :PCT/EP2011/062826

Filing Date :26/07/2011

(87) International Publication No :WO 2012/048922

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)RM BETEILIGUNGS AG

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am Rhein Switzerland

(72)Name of Inventor :

1)MHLEMANN Rolf

(57) Abstract :

In a plastic closure (1) preferably configured as a screw cap a capsule having a chamber (3) is formed with a capsule wall (2) wherein said capsule is closed both by means of a flexible membrane (6) and by means of a film (4) which seals the chamber (3). An active ingredient B to be dispensed is accommodated in the chamber (3). The sealing film (4) can be destroyed or pushed away by means of a piercing member (7). The piercing member (7) is configured to be replaceable. As a result the plastic closure (1) itself can be produced as standard and the piercing member (7) can be produced customer specifically for the respective application. The connection between the piercing member (7) and the convex membrane (6) preferably takes place by means of a coupling part (8) which is formed on the lower face of the convex membrane and on which the piercing member (7) having a cup shaped coupling attachment receptacle (74) can be fitted.

No. of Pages : 20 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2658/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : POLYURETHANE ELASTOMER COATINGS

(51) International classification :C08G18/12,C08G18/38,C08G18/66
(31) Priority Document No :61/391808
(32) Priority Date :11/10/2010
(33) Name of priority country:U.S.A.
(86) International Application No :PCT/US2011/055674
Filing Date :11/10/2011
(87) International Publication No :WO 2012/051135
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)DOW GLOBAL TECHNOLOGIES LLC
Address of Applicant :2040 Dow Center Midland MI 48674
U.S.A.
(72)Name of Inventor :
1)ANATER Mark T.

(57) Abstract :

Embodiments of the invention provide for coatings which include the reaction product of a reaction system where the reaction system encompasses at least one prepolymer having isocyanate functional groups where the prepolymer includes the reaction product of at least one isocyanate and at least one polyol having an hydroxyl functionality of between about 2 and about 6, a sodium silicate solution at least one isocyanate reactive component having at least one of a hydroxyl and an amine functionality of between about 2 and about 4 at least one intumescent filler at least one filler and optionally a suspension agent.

No. of Pages : 18 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2793/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : A PHARMACEUTICAL COMPOSITION

(51) International classification	:A61K 31/47
(31) Priority Document No	:2004-272625
(32) Priority Date	:17/09/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/16941
Filing Date	:14/09/2005
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:1571/CHENP/2007
Filed on	:14/09/2005

(71)**Name of Applicant :**
1)EISAI R&D MANAGEMENT CO., LTD.
Address of Applicant :6-10, KOISHIKAWA 4-CHOME,
BUNKYO-KU, TOKYO 112-8088 Japan
(72)**Name of Inventor :**
1)FURITSU, HISAO
2)SUZUKI, YASUYUKI

(57) Abstract :

A PHARMACEUTICAL COMPOSITION The present invention relates to a pharmaceutical composition comprising: an active ingredient consisting of 4-(3-chloro-4-(cyclopropyl aminocarbonyl) aminophenoxy)-7-methoxy-6-quinolinecarboxamide represented by Formula (1) described below, salt thereof, or solvate of the foregoing; and silicic acid, salt thereof, or solvate of the foregoing.

No. of Pages : 63 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2866/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHODS SYSTEMS AND COMPUTER READABLE MEDIA FOR CONDUCTING COMMUNICATIONS

(51) International classification :H04L29/06

(31) Priority Document No :61/392299

(32) Priority Date :12/10/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/001752

Filing Date :12/10/2011

(87) International Publication No :WO 2012/050613

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)UNITED SERVICES AUTOMOBILE ASSOCIATION (USAA)

Address of Applicant :9800 Fredericksburg Road San Antonio TX U.S.A.

(72)Name of Inventor :

1)JAYAPALAN Vijay

2)REEDY Matthew C.

3)TROST Christopher S.

4)WOEHRLE Judd

(57) Abstract :

The present disclosure relates to methods systems and computer readable media for conducting communications. One method includes determining a context associated with a communication between a first participant and a second participant while the communication is occurring determining a failure of the communication and resuming the communication based at least in part on the context.

No. of Pages : 23 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2646/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : SUBSTITUTED BENZIMIDAZOLE AND IMIDAZOPYRIDINE COMPOUNDS USEFUL AS CYP17 MODULATORS

(51) International classification :C07D401/04,C07D401/14,C07D403/04
(31) Priority Document No :61/388,837
(32) Priority Date :01/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/052984
Filing Date :23/09/2011
(87) International Publication No :WO 2012/044537
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BRISTOL MYERS SQUIBB COMPANY
Address of Applicant :Route 206 and Province Line Road
Princeton New Jersey 08543 4000 U.S.A.
(72)Name of Inventor :
1)HUANG Audris

(57) Abstract :

3123Disclosed are heteroaryl compounds of Formula (I) (I) or pharmaceutically acceptable salts thereof wherein Z is CH or N; W is CR or N; and R R and R are defined herein. Also disclosed are methods of using such compounds in the treatment of at least one CYP17 associated condition such as for example cancer and pharmaceutical compositions comprising such compounds.

No. of Pages : 79 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2648/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : LOYALTY OFFER

(51) International classification	:G06Q30/00
(31) Priority Document No	:12/899861
(32) Priority Date	:07/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/052782
Filing Date	:22/09/2011
(87) International Publication No	:WO 2012/047535
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MICROSOFT CORPORATION
Address of Applicant :One Microsoft Way Redmond
Washington 98052 6399 U.S.A.
(72)**Name of Inventor :**
1)ANANTHA Anoop
2)KRISHNAN Murali R.

(57) Abstract :

Loyalty offer techniques are described. In one or more implementations data is received from a plurality of merchants via a network the data describing transactions for goods or services initiated at physical locations of respective said merchants and including identifiers that uniquely identify mobile communication devices that were used to initiate the transactions. Information is updated that describes participation in one or more loyalty offers associated with the plurality of merchants using the identifiers that uniquely identify the mobile communication devices and the data that describes the transactions.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2812/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : SEALING AGENT WITH LOW SOFTENING TEMPERATURE USEFUL IN THE PREPARATION OF ELECTRONIC DEVICES

(51) International classification:C03C3/066,C03C3/068,C03C8/04

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/IT2010/000394

Filing Date :16/09/2010

(87) International Publication No :WO 2012/035565

(61) Patent of Addition to

Application Number :NA

Filing Date :NA

(62) Divisional to Application

Number :NA

Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :S.S. 16 Zona Industriali Incoronata
71100 Foggia Italy

(72)Name of Inventor :

1)ANTONINI Alessio

(57) Abstract :

The invention describes a composition for sealing agent generally in the form of glass frit lead free comprising by weight over the total weight of the composition: 30 80% Bi₂O₃; 2 10% ZnO; 2 10% B₂O₃; 0 5% Na₂O; 1 10% SiO₂; 1 8% Al₂O₃; 0 7% BaO; and 0 8% MgO. The composition for sealing agent as defined above can be added with a filler in a quantity up to 20% by weight over the total weight of the resulting mixture. It also describes a sealing paste containing the composition for sealing agent the possible filler an organic binder and optionally an organic solvent. It also describes methods for producing the composition for sealing agent and the sealing paste.

No. of Pages : 20 No. of Claims : 2

(54) Title of the invention : METHOD AND APPARATUS FOR DISTRIBUTING ARTICLES IN A STORAGE COMPARTMENT

(51) International classification	:B65B3/06,B65G69/04,F25C5/00	(71)Name of Applicant :
(31) Priority Document No	:12/885240	1)SCHUR TECHNOLOGY A/S
(32) Priority Date	:17/09/2010	Address of Applicant :Fuglevangsvej 41 DK 8700 Horsens
(33) Name of priority country	:U.S.A.	Denmark
(86) International Application No	:PCT/EP2011/064913	(72)Name of Inventor :
Filing Date	:30/08/2011	1)PAPE Henrik
(87) International Publication No	:WO 2012/034850	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus and method for distributing articles made by series production is configured to deliver articles (16) to selected storage positions in side by side rows (A B) of adjacent storage positions for stacked articles (16) in a storage compartment (15). After selection of a storage position a transport platform (25) movably mounted on a horizontally movable carriage (24) above the rows is driven to a location above the selected storage position with the platform moved between two possible positions for dispensing articles into the respective rows an article conveyor (38) on the platform is actuated to transport the article off the platform into the underlying storage position where it is stacked on top of any previously stacked articles and the platform is driven back to a start position to receive the next article. The procedure is repeated to distribute subsequent articles to selected storage positions in the storage area.

No. of Pages : 48 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2887/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :15/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : ACETIC ACID PRODUCTION PROCESS

(51) International classification :C07C51/12,C07C13/08
(31) Priority Document No :12/906575
(32) Priority Date :18/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/056733
Filing Date :18/10/2011
(87) International Publication No :WO 2012/054499
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)LYONDELL CHEMICAL TECHNOLOGY L.P.
Address of Applicant :1221 McKinney Street Suite 700 One
Houston Center Houston TX 77010 U.S.A.
(72)Name of Inventor :
1)SALISBURY Brian A.
2)HALLINAN Noel C.

(57) Abstract :

Disclosed is a method for controlling an acetic acid production process. The method comprises: (i) reacting methanol and carbon monoxide in the presence of a carbonylation catalyst a catalyst stabilizer methyl iodide water and methyl acetate to produce a reactor mixture which comprises the catalyst the catalyst stabilizer methanol carbon monoxide carbon dioxide methyl iodide methyl acetate water and acetic acid; (ii) measuring the concentration of a component of the reactor mixture by Raman spectroscopic analysis; and (iii) adjusting the component concentration in the reactor mixture in response to the measured concentration. The method of the invention is particularly useful for measuring and controlling the concentration of carbon monoxide in the reactor liquid mixture.

No. of Pages : 15 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2614/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : IMPLANTS WITH ABSORBABLE AND NON ABSORBABLE FEATURES FOR THE TREATMENT OF FEMALE PELVIC CONDITIONS

(51) International classification	:A61F2/02
(31) Priority Document No	:61/390370
(32) Priority Date	:06/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/055092
Filing Date	:06/10/2011
(87) International Publication No	:WO 2012/048105
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AMS RESEARCH CORPORATION
Address of Applicant :10700 Bren Road West Minnetonka
Minnesota 55343 U.S.A.
(72)**Name of Inventor :**
1)KOULLICK Edouard A.
2)DINH Thomas Q.
3)GRANT Robert C.

(57) Abstract :

Described are methods devices and systems related to implants for the treatment of a female pelvic condition. The implants include absorbable and non absorbable materials and can be introduced into the pelvic area transvaginally. Meshes of the invention provide benefits relating to improved tissue integration into the mesh reduced infection likelihood improved patient comfort following implantation or combinations of thereof.

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2900/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :15/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : WIDE BAND SEMI SPECULAR MIRROR FILM INCORPORATING NANOVOIDED POLYMERIC LAYER

(51) International classification	:G02B5/08,G02B5/02	(71)Name of Applicant :
(31) Priority Document No	:61/405141	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:20/10/2010	Address of Applicant :3M Center Post Office Box 33427 Saint
(33) Name of priority country	:U.S.A.	Paul Minnesota 55133 3427 U.S.A.
(86) International Application No	:PCT/US2011/056250	(72)Name of Inventor :
Filing Date	:14/10/2011	1)COGGIO William D.
(87) International Publication No	:WO 2012/054318	2)BLACK William B.
(61) Patent of Addition to Application	:NA	3)WEBER Michael F.
Number	:NA	4)TAI Huiwen
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Low loss high reflectivity wide band mirror films provide a desired mix of specular reflection and diffuse reflection or scattering to provide semi specular reflectivity. The mirror films generally include both a specularly reflective multilayer optical film (MOF) having a wide reflection band and a scattering layer. In some cases a low refractive index TIR layer is sandwiched between the MOF and the scattering layer. In other cases the scattering layer contacts the MOF directly. In embodiments that include the TIR layer the TIR layer preferably has a nanovoided morphology and includes a plurality of particles and a polymer binder. In embodiments wherein the scattering layer contacts the MOF directly the scattering layer preferably also has a nanovoided morphology and includes a plurality of particles and a polymer binder.

No. of Pages : 63 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2901/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :15/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : ARCHITECTURE GUIDED OPTIMAL SYSTEM PRECISION DEFINITION ALGORITHM FOR CUSTOM INTEGRATED CIRCUIT

(51) International classification	:G06F17/50
(31) Priority Document No	:12/906804
(32) Priority Date	:18/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/051744
Filing Date	:15/09/2011
(87) International Publication No	:WO 2012/054154
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Sunnyvale CA 94085 4064 U.S.A.
(72)**Name of Inventor :**
1)PANDURANGAN Anand
2)NG Pius
3)SELVARAJ Siva
4)PADMANABHAN Satish

(57) Abstract :

Systems and methods are disclosed to automatically determine an optimal number format representation for a model or code to be implemented in a custom integrated circuit (IC) by determining a ratio of dynamic range to static range in the model or code and selecting a floating point or a fixed point number representation based on the ratio; determining the optimal number representation format based on a cost function that includes hardware area and power cost associated with a predetermined bit precision arithmetic; automatically generating a processor architecture customized to the optimal number representation format; and synthesizing the generated processor architecture into a computer readable description of the custom integrated circuit for semiconductor fabrication.

No. of Pages : 28 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2902/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :15/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : NON TEMPORARY COMPUTER READABLE MEDIUM IN WHICH DATA PROCESSING
TERMINAL DATA SEARCH METHOD AND CONTROL PROGRAM ARE STORED

(51) International classification	:G06F17/30
(31) Priority Document No	:2010235284
(32) Priority Date	:20/10/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/005876
Filing Date	:20/10/2011
(87) International Publication No	:WO 2012/053213
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NEC CASIO Mobile Communications Ltd.

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(72)Name of Inventor :

1)IWAKI Yoshihiro

(57) Abstract :

The operation when displaying desired data from a same type data group using a touch panel is made easier. This data processing terminal: associates first group information which is a portion of information for multiple groups with first data related to the first group information and displays each as a selectable region using an input/output means; when selection of the first group information by a user is received displays using the input/output means a group selection region for selecting from information for multiple groups containing second group information not displayed in the input/output means; and when selection of the second group information via the group selection region by the user is received obtains second data related to the selected second group information from a recording means associates the second group information with the second data and displays each as a selectable region using the input/output means.

No. of Pages : 60 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2100/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :10/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : TIMING DRIVE FOR A VALVE-CONTROLLED INTERNAL COMBUSTION ENGINE

(51) International classification	:F01L1/00
(31) Priority Document No	:10 2012
	009 604.6
(32) Priority Date	:15/05/2012
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MAN TRUCK & BUS AG
Address of Applicant :DACHAUER STR. 667, 80995
MUNCHEN Germany
(72)**Name of Inventor :**
1)VOGEL, WERNER

(57) Abstract :

The invention relates to a timing drive for a valve-controlled internal combustion engine, the at least one camshaft of which is mounted in the cylinder head of the internal combustion engine and is driven via spur gearwheels, wherein a driving spur gearwheel is provided on the crankshaft mounted in the engine block of the internal combustion engine, a driven spur gearwheel is provided on the camshaft, and at least one variable-location intermediate gearwheel mounted on a bearing journal is provided. In order to obtain a robust timing drive which is advantageous in terms of manufacturing technology and assembly, it is proposed that the bearing journal (13) for the intermediate gearwheel (6) can be fixed in at least two positions on the end (9a) of the internal combustion engine, said positions corresponding to a new condition of the internal combustion engine and to a defined repair condition of the internal combustion engine with deliberately modified centre distances between the crankshaft (10) and the camshaft (3).

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2553/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD APPARATUS AND PROGRAM FOR THE AUTOMATIC PROCESSING OF BLOOD PRESSURE SIGNALS

(51) International classification	:A61B5/0215
(31) Priority Document No	:RM2010A000468
(32) Priority Date	:06/09/2010
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2011/002025
Filing Date	:02/09/2011
(87) International Publication No	:WO 2012/032386
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ROMANO Salvatore

Address of Applicant :Via Arrigo Boito 33 I 50144 Firenze

Italy

(72)Name of Inventor :

1)ROMANO Salvatore

(57) Abstract :

The invention concerns an automated method a system and means for processing the blood pressure from a detected pressure signal the method operating in the time domain to determine a value (RES) connected to the energy efficiency of the monitored biological system.

No. of Pages : 36 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2626/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :02/07/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND SYSTEM FOR EXTRACTION OF SELECTED TEXT IN A DOCUMENT

(51) International classification	:G06F3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Samsung India Software Operations Pvt Ltd
(32) Priority Date	:NA	Address of Applicant :Bagmane Lakeview Block B No. 66/1
(33) Name of priority country	:NA	Bagmane Tech Park CV Raman Nagar Byrasandra Bangalore-
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Poornima Mruthyunjaya
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for extracting user selected text in a document displayed in a touch screen device is disclosed. User selects the text in the document using a stylus of the touch screen device. The method extracts only the selected portion of the text in the document and creates a new document. The method allows user to select multiple portion of text in the document.

No. of Pages : 20 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2699/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : BUFFERED OPHTHALMIC COMPOSITIONS AND METHODS OF USE THEREOF

(51) International classification :A61K38/55
(31) Priority Document No :61/411464
(32) Priority Date :08/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2011/000866
Filing Date :08/11/2011
(87) International Publication No :WO 2012/063237
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)TENNEBAUM Tamar
2)BRAIMAN WIKSMAN Liora
3)SAGIV Yuval
4)LEVY HACHAM Ofra

(57) Abstract :

The present disclosure provides a buffered ophthalmic composition for formulation of topically administrable suspensions useful for treating eye disorders by promoting wound healing delivery of pharmaceutically active agents and lubricating the eye. In particular the ophthalmic composition includes a buffer solution compatible with application to a mammalian eye wherein the buffer provides increased mechanism of action of pharmaceutically active agents as well as therapeutic qualities. The ophthalmic composition exhibits dual therapeutic action to alleviate various eye disorders as it concomitantly treats corneal ulcerations and excessive inflammation which results from various eye injuries.

No. of Pages : 86 No. of Claims : 134

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2910/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND APPARATUS FOR AVOIDING IN DEVICE COEXISTENCE INTERFERENCE

(51) International classification :H04W72/12

(31) Priority Document No :.

(32) Priority Date :16/04/2013

(33) Name of priority country :

(86) International Application No :PCT/US2010/051183

Filing Date :01/10/2010

(87) International Publication No :WO 2012/044327 A1

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)KOO Changhoi

2)LI Jun

3)CAI Zhijun

(57) Abstract :

A method system and device are provided for avoiding in device coexistence interference between different radio technologies deployed in adjacent bands on the same device by controlling and separating the LTE signaling and the non LTE signaling using dedicated time intervals to separate LTE signaling from non LTE signaling. In addition coexistence mode handover procedures are provided which use threshold based triggering events to avoid coexistence interference and to prevent ping pong effects by establishing a keeping time parameter so that a non interfering network node does not switch back to an interfering network node after handoff. Coexistence interference is also avoided by providing a hybrid automatic repeat request (HARQ) mechanism which accounts for coexistence interference by providing a fixed or variable on interval parameter and an activity parameter indicating whether non LTE activity is present to maximize a time interval for non LTE devices without interference from LTE activity on the same device.

No. of Pages : 64 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2234/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :22/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : POLYMERIZATION OF DIENE

(51) International classification :C08F6/00
(31) Priority Document No :12169794
(32) Priority Date :29/05/2012
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)RICHTER, NORBERT

6)OLDENKOTT, MICHAEL

7)POSPIECH, JURGEN

8)HANEKE, MARTIN

9)BERLINEANU, ANDREAS

10)DENKINGER, PETER

11)HELLWIG, JURGEN

(57) Abstract :

The invention relates to a process for the polymerization of a diene, which comprises the steps: reaction of the diene with hydrogen peroxide in a hydrophilic organic solvent in the presence of water to form a reaction mixture at temperatures of from 50 to 150°C and pressures of 0-50 bar, contacting of the reaction mixture with water, where the temperature of the water is from 20 to 80°C, preferably from 50 to 65°C, separation of unreacted gaseous diene from the reaction mixture which has been contacted with water in step b), followed by condensation, distillation and reuse of the unreacted gaseous diene, separation of the aqueous phase comprising the hydrophilic solvent from the reaction mixture, followed by reuse of the hydrophilic solvent in step a), and purification of the polymerization product by distillation and also an apparatus suitable for this purpose and the use of this apparatus for the polymerization of a diene, where the diene is preferably 1,3-butadiene or isoprene.

No. of Pages : 24 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2559/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHODS AND APPARATUS FOR A FILE SYSTEM ON A PROGRAMMABLE LOGIC CONTROLLER

(51) International classification	:G06F15/16
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2011/030907
Filing Date	:01/04/2011
(87) International Publication No	:WO 2012/134491
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)BRYANT William Keith
2)TRAPP Lothar

(57) Abstract :

Methods apparatus and systems are provided for a web browser accessible data file system on a programmable logic controller (PLC). The invention includes a PLC which includes a controller module; a file system module coupled to the controller module and adapted to persistently store archive data files; a memory module that stores binary data coupled to the controller module; and a user program module that stores instructions adapted to be executed by the controller module. The instructions may include creating an archive file in a user application format in the file system module; storing binary data in the memory module; converting the binary data to the user application format of the archive file; and storing the converted binary data as an entry in the archive file in the file system module. Numerous additional aspects are disclosed.

No. of Pages : 20 No. of Claims : 20

(54) Title of the invention : ULTRASOUND IMAGING APPARATUS WITH ADAPTIVE BEAMFORMER AND ULTRASOUND IMAGING METHOD WITH ADAPTIVE BEAMFORMING

(51) International classification:G01S7/52,G01S15/89,G10K11/34

(31) Priority Document No :2010207894

(32) Priority Date :16/09/2010

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2011/005039

Filing Date :08/09/2011

(87) International Publication No :WO 2012/035723

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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1)NAGAE Kenichi

(57) Abstract :

An ultrasound imaging apparatus of the present invention includes a probe (302) which has a plurality of elements (301) arranged in an array which receive elastic waves propagating within a subject and converts the received elastic waves to received signals a first signal processing unit (10 410 810) which uses the received signals output by the elements to calculate first output signals corresponding to the elastic waves from a target position a second signal processing unit (20 420 820) which uses the first output signals of the target position to calculate second output signals corresponding to elastic waves from the target position and an image processing unit (412) which uses the second output signals to generate image data for display on an image display device (413). At least one of the first signal processing unit (10 410 810) and the second signal processing unit (20 420 820) uses adaptive signal processing to calculate the first output signals or the second output signals. An ultrasound imaging method corresponding to the ultrasound imaging apparatus is also disclosed.

No. of Pages : 32 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2915/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND ARRANGEMENT FOR REGISTERING COLORS FOR A PRINTING MACHINE

(51) International classification :B41F27/00

(31) Priority Document No :10010002.3

(32) Priority Date :21/09/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/004711

Filing Date :20/09/2011

(87) International Publication No :WO 2012/038069

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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1)CHIARI Mauro

2)GRETSCHE Pierre

3)ROSSET Benoît

4)TATTI Daniel

(57) Abstract :

The invention relates to a method for registering at least two colors for a machine for printing on plate elements (1) provided with at least two printer groups (4 6 7 8 9) wherein said method comprises the steps of: printing on a first plate element (13) a first mark (29) with a first color using the first printer group (4) printing a second mark (32) spaced apart from the first mark (29) with the first color and using the first printer group (4) printing a third mark (35) with a second color using a second printer group (6) wherein a theoretical position between the first and third marks (29 35) is known and printing a fourth mark (36) spaced apart from the third mark (35) with the second color and using the second printer group (6) wherein a theoretical position between the second and fourth marks (32 36) is known; detecting the first and third marks (29 35) and the second and fourth marks (32 36) determining the deviations in the positions between the first and third marks (29 35) and comparing the deviations with the theoretical position between the first and third marks (29 35) as well as determining the deviations in the positions between the second and fourth marks (32 36) and comparing the deviations with the theoretical position between the second and fourth marks (32 36) and generating an adjustment signal for the second printer group (6) in accordance with the determined deviations in order to register the second color relative to the first color.

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2797/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : HYDROKINETIC ELECTRICAL GENERATING DEVICE

(51) International classification :F03B13/00,F03B13/12,F03D5/02
(31) Priority Document No :61/382605
(32) Priority Date :14/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/049861
Filing Date :31/08/2011
(87) International Publication No :WO 2012/036900
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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1)SCHULTZ Garth J.
2)LESLIE Scott M.
3)SPECK James A.

(57) Abstract :

A hydrokinetic electrical generating device includes first and second wing assemblies each having axis vertical wings. First and second beam assemblies support the first or second wing assemblies. A first sliding member is slidably connected to the first beam assembly and a second sliding member is slidably connected to the second beam assembly. The axis vertical wings are rotatably connected to one of the first or second sliding members. A first sliding connector is connected to the first sliding member and a second sliding connector connected to the second sliding member. A mechanical electrical section has first and second flywheels connected by a first or second drive belt to a generator. First and second flywheel connecting rods connect the first or second sliding connector to the first or second flywheel. A water force rotating the wings displaces the connecting rods causing flywheel and drive belt rotation thereby operating the generator.

No. of Pages : 62 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2799/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD FOR PRODUCING 2 METHYL 3 (4 TERT BUTYLPHENYL) PROPANAL HAVING HIGH PARA ISOMER PURITY

(51) International classification :C07C41/48,C07C45/42,C07C45/62
(31) Priority Document No :10177074.1
(32) Priority Date :16/09/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/065596
Filing Date :09/09/2011
(87) International Publication No :WO 2012/034930
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)GRIESBACH Ulrich
2)BOTZEM Jrg
3)STECKER Florian

(57) Abstract :

The invention relates to a method for producing 2 methyl 3 (4 tert butylphenyl) propanal having high para isomer purity and to a method for producing 4 tert butylbenzaldehyde having high para isomer purity.

No. of Pages : 36 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2940/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : IMPROVED ACKNOWLEDGEMENT / NEGATIVE ACKNOWLEDGEMENT FEEDBACK FOR TDD

(51) International classification :H04L1/16,H04L5/00,H04L1/18
(31) Priority Document No :61/413341
(32) Priority Date :12/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/060143
Filing Date :10/11/2011
(87) International Publication No :WO 2012/064935
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)CHEN Wanshi
2)MONTJOJO Juan
3)LUO Xiliang

(57) Abstract :

Bits for acknowledgement (ACK) and/or negative acknowledgement (NAK) may be allocated based on whether a special subframe configuration in a TDD configuration permits downlink transmission. For carrier aggregation ACK/NAK bits may be allocated only to special subframes in component carriers (CCs) which permit downlink transmission. Also for example ACK/NAK bits may be allocated to all CC special subframes if a single CC is configured to allow downlink transmission on one of its special subframes. ACK/NAK bits may also be allocated to all special subframes.

No. of Pages : 51 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2941/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : DYNAMIC TAPPING FORCE FEEDBACK FOR MOBILE DEVICES

(51) International classification :H04M1/725

(31) Priority Document No :12/940409

(32) Priority Date :05/11/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/058788

Filing Date :01/11/2011

(87) International Publication No :WO 2012/061387

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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1)TARTZ Robert S.

2)KING Bennett M.

(57) Abstract :

Dynamic force feedback is provided in a device to alert a user about a message received on the device from a remote user and to convey content context or a type of the message. Producing dynamic force feedback may include activating a motion induction device which accelerates and decelerates a mass to create tapping within the device. The amplitude and frequency of the tapping may be configured to produce sequences of taps to alert the user about different types contexts or content of received messages. Additionally multiple motion induction devices may be included in a device to produce dynamic force feedback along multiple dimensions. Multiple dimension dynamic force feedback may be used in providing geographical directions to a user.

No. of Pages : 44 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2942/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : TRANSPARENT DISPLAY CONFIGURATION MODES

(51) International classification :G06F3/14
(31) Priority Document No :12/914761
(32) Priority Date :28/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/057479
Filing Date :24/10/2011
(87) International Publication No :WO 2012/058150
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

Embodiments of transparent display configuration modes are described. A portable device includes a handheld base movably coupled to a display device that is configurable to open and close over the handheld base. The display device displays an image and the display device includes a first display surface through which the image is viewable and a second display surface through which the image is viewable. The second display surface and the first display surface are viewable from opposite sides of the display device. The display device also includes a display panel controller that controls display modes of the display device for transparent and non transparent display.

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2745/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :09/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : ELEVATOR SAFETY CIRCUIT

(51) International classification :B66B1/32,B66B5/02,B66B13/22
(31) Priority Document No :10190927.3
(32) Priority Date :11/11/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/068370
Filing Date :20/10/2011
(87) International Publication No :WO 2012/062553
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

An alternative elevator safety circuit which can be used in a method to decelerate an elevator car during an emergency stop in a more controlled manner. The safety circuit comprises a series chain of safety contacts (S1 Sn) having an input (T1) connected to a power source (PS) and a first safety relay (7) deriving electrical power from an output (T2) of the series chain of safety contacts (S1 Sn). A delay circuit (13) is arranged between the output (T2) of the series chain of safety contacts (S1 Sn) and the first safety relay (7). Hence if any of the safety contacts open to initiate an emergency stop any process controlled by the operation of the first safety relay is delayed.

No. of Pages : 11 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2747/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :09/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : TUNABLE RESONANT CIRCUIT IN AN INTEGRATED CIRCUIT

(51) International classification	:H03B5/12
(31) Priority Document No	:12/906017
(32) Priority Date	:15/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/050048
Filing Date	:31/08/2011
(87) International Publication No	:WO 2012/050676
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :

A tunable resonant circuit (102) includes first capacitors (104 108 216 228 232) and second capacitors (106 1 10 218 230 234) that provide a matched capacitance between first and second electrodes of the first and second capacitors. A deep well arrangement includes a first well (320 326) disposed within a second well (322 328) in a substrate (324). The first and second capacitors are each disposed on the first well. Two channel electrodes of a first transistor (120 130) are respectively coupled to the second electrode (1 14 304) of the first capacitor and the second electrode (1 18 308) of the second capacitor. Two channel electrodes of a second transistor (122 132) are respectively coupled to the second electrode of the first capacitor and to ground. Two channel electrodes of the third transistor (124 134) are respectively coupled to the second electrode of the second capacitor and to ground. The gate electrodes (226 314) of the first second and third transistors are responsive to a tuning signal (126 136) and an inductor (144 202) is coupled between the first electrodes (1 12 1 16 302 306) of the first and second capacitors.

No. of Pages : 30 No. of Claims : 12

(54) Title of the invention : LIGHT EXTRACTION FILMS FOR INCREASING PIXELATED OLED OUTPUT WITH REDUCED BLUR

(51) International classification :H01L51/50
 (31) Priority Document No :12/908804
 (32) Priority Date :20/10/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/054704
 Filing Date :04/10/2011
 (87) International Publication No :WO 2012/054229
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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(57) Abstract :

Optical films for enhancing light extraction from self emissive pixelated OLEDs without introducing significant pixel blur are disclosed. The extraction films include a flexible carrier film and a first and second layer carried by the carrier film. The first layer has a nanovoided morphology includes a polymer binder and may have a refractive index less than 1.35 or 1.3. An embedded structured surface of light extraction elements is formed between the first and second layers. The extraction film includes a major coupling surface for attachment to an outer surface of the light source. The film is configured such that a land portion between the structured surface and the major coupling surface is thinner than a specified amount for example less than 50 25 or 10 microns or less than a thickness of the carrier film.

No. of Pages : 55 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2953/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :17/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : DATA REPROCESSING IN RADIO PROTOCOL LAYERS

(51) International classification :H04W36/22

(31) Priority Document No :61/407305

(32) Priority Date :27/10/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/057920

Filing Date :26/10/2011

(87) International Publication No :WO 2012/058331

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)MAHESHWARI Shailesh

(57) Abstract :

A method for reprocessing data in a radio protocol layer is described. The method includes communicating using a first radio access technology. Data in a processed data buffer of a first radio access technology protocol layer is reprocessed. The reprocessed data is forwarded to an unprocessed data buffer. A trigger for a handover from the first radio access technology to a second radio access technology may be detected. A trigger for a radio connection release may also be detected.

No. of Pages : 34 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2536/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : INTERFERENCE MITIGATION ON A PHYSICAL DOWNLINK CONTROL CHANNEL

(51) International classification :H04L
(31) Priority Document No :10290531.2
(32) Priority Date :05/10/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/066484
Filing Date :22/09/2011
(87) International Publication No :WO 2012/045584
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)STANZE Oliver
3)BRAUN Volker
4)WEBER Andreas

(57) Abstract :

The invention relates to a method for mitigating interference on a physical downlink control channel (PDCCH) used by at least two cells (C1 C2) the method comprising: distributing a number of control channel elements of the Physical Downlink Control Channel (PDCCH) among the cells (C1 C2) and determining a set of cell identifiers (cell ID1 cell ID2) for the cells (C1 C2) based on a number of collisions of the control channel elements in a downlink sub frame (SF) of the Physical Downlink Control Channel (PDCCH) a location of the control channel elements in the downlink sub frame (SF) being dependent on the cell identifiers (cell ID1 cell ID2). The invention also relates to a computer program product and to an arrangement (BS1) for implementing the method as well as to a heterogeneous network (1) comprising at least one such arrangement (BS1).

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2748/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :09/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : ADAPTOR FOR MICROSCOPES

(51) International classification	:G02B21/16,G02B21/24
(31) Priority Document No	:61/382909
(32) Priority Date	:14/09/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/051324
Filing Date	:13/09/2011
(87) International Publication No	:WO 2012/037074
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)HNATKOVICH Brian J.

2)LITTEN Christopher R.

3)STOUT Craig

(57) Abstract :

A fluorescent microscope attachment is disclosed that includes a removable filter arm to provide an adaptor for use in transforming a light microscope into a fluorescent microscope. The adaptor may further include an LED light source and/or a magnetic microscope objective attachment.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2749/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :09/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHODS AND SYSTEMS FOR CONTEXT INITIALIZATION IN VIDEO CODING AND DECODING

(51) International classification	:H04N7/26
(31) Priority Document No	:12/895676
(32) Priority Date	:30/09/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/JP2011/073150
Filing Date	:30/09/2011
(87) International Publication No	:WO 2012/043883
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)SEGALL Christopher A.

(57) Abstract :

Systems and methods for context model initialization in entropy encoders and decoders are disclosed. In some exemplary embodiments the context model may be reset when a current macroblock is the first one in a row the number of bins or bits are processed within the entropy slice.

No. of Pages : 152 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2817/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : DISPLAYING BATTERY LIFE RESULTING FROM SETTING CHANGES

(51) International classification :G06F3/14,G06F9/06
(31) Priority Document No :12/911588
(32) Priority Date :25/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/054513
Filing Date :02/10/2011
(87) International Publication No :WO 2012/060954
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)BENARIO Steven P.
2)HAVESON Ryan A.
3)WAGH Saurabh
4)ANAND Gaurav S.
5)HURST Ryan M.

(57) Abstract :

An indication of a remaining battery life currently available based on a current resource setting for a resource of a computing device is displayed. A user input to change the resource to a new resource setting is received and in response to the user input an indication of the remaining battery life currently available based on the new resource setting is identified and an indication of the remaining battery life currently available based on the new resource setting is displayed. In situations where the resource is a screen of the computing device the new resource setting can be a new screen brightness setting and the screen brightness can be changed concurrently with displaying the remaining battery life currently available based on the new screen brightness setting.

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2965/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :17/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF CARBON GRAPHENES AND OTHER NANOMATERIALS

(51) International classification :C01B31/04

(31) Priority Document No :61/385087

(32) Priority Date :21/09/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/052514

Filing Date :21/09/2011

(87) International Publication No :WO 2012/040303

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)HIGH TEMPERATURE PHYSICS LLC

Address of Applicant :40 Maplewood Drive San Rafael CA
94901 U.S.A.

(72)Name of Inventor :

1)DICKINSON Robert Wayne

2)DICKINSON Ben Wade Oakes III

3)MYERS Jon K.

4)OUSTERHOUT Oliver Douglas

5)MUSETTI Lawrence Joseph

(57) Abstract :

Process for producing nanomaterials by high heat vaporization and rapid cooling. In some of the preferred embodiments the high heat is produced by an oxidation reduction reaction of carbon dioxide and magnesium although additional materials can be included in the reaction if desired. The carbon dioxide and magnesium are combusted together in a reactor to produce products which are then separated or excluded by suitable processes or reactions to provide the individual reaction products. The reaction is highly energetic producing very high temperatures and also produces large amounts of heat and light including infrared and ultraviolet radiation all of which can be captured and reused. By varying the reaction temperature and pressure the type and morphology of the carbon nanoproducs and other nanoproducs can be controlled. The reaction also produces nanomaterials from a variety of input materials.

No. of Pages : 78 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1931/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :30/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHODS AND APPARATUS FOR USE IN FACILITATING COMMUNICATION FOR DIFFERENT TYPES OF WIRELESS NETWORKS

(51) International classification	:H04W48/00	(71)Name of Applicant :
(31) Priority Document No	:12171063.6	1)Research In Motion Limited
(32) Priority Date	:06/06/2012	Address of Applicant :295 Phillip Street, Waterloo, Ontario,
(33) Name of priority country	:EPO	N2L 3W8, Canada Canada
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MONTEMURRO Michael Peter
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Techniques in a wireless device for facilitating communication for different types of wireless networks are described. The device displays a list of identifiers of wireless networks, and receives an input request for selecting one of the wireless networks for communication. When the selected wireless network is of a first type, the device attempts to establish a connection with the selected wireless network. When the selected wireless network is of a second type, the device launches or displays an input prompt to launch an application having a stored association with a device type of the selected wireless network.

No. of Pages : 59 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2641/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : WIDEBAND TEMPERATURE COMPENSATED RESONATOR AND WIDEBAND VCO

(51) International classification :H03B5/12,H03L1/02
(31) Priority Document No :12/897,918
(32) Priority Date :05/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/054971
Filing Date :05/10/2011
(87) International Publication No :WO 2012/048034 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121 U.S.A.
(72)Name of Inventor :
1)LIU Li
2)NARATHONG Chiewcharn

(57) Abstract :

A resonator of a VCO includes a fine tuning main varactor circuit an auxiliary varactor circuit and a coarse tuning capacitor bank circuit coupled in parallel with an inductance. The main varactor circuit includes a plurality of circuit portions that can be separately disabled. Within each circuit portion is a multiplexing circuit that supplies a selectable one of either a fine tuning control signal (FTAVCS) or a temperature compensation control signal (TCAVCS) onto a varactor control node within the circuit portion. If the circuit portion is enabled then the FTAVCS is supplied onto the control node so that the circuit portion is used for fine tuning. If the circuit portion is disabled then the TCAVCS is supplied onto the control node so that the circuit portion is used to combat VCO frequency drift as a function of temperature. How the voltage of the TCAVCS varies with temperature is digitally programmable.

No. of Pages : 43 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2782/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : PEG INTERFERON LAMBDA 1 CONJUGATES

(51) International classification	:C12P21/04,C07K11/00	(71) Name of Applicant :
(31) Priority Document No	:VN1201102222	1)NANOGEN PHARMACEUTICAL BIOTECHNOLOGY
(32) Priority Date	:25/08/2011	Address of Applicant :Lot I 5C Saigon Hitech Park Tang Nhon
(33) Name of priority country	:Vietnam	Phu A Ward District 9 Ho Chi Minh City Vietnam
(86) International Application No	:PCT/US2012/027317	(72) Name of Inventor :
Filing Date	:01/03/2012	1)HO Nhan
(87) International Publication No	:WO 2013/028233 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present application discloses new PEG interferon lambda 1 conjugates (PEG 1) processes for their preparation pharmaceutical compositions containing these conjugates and processes for making the same. These conjugates have increased blood half lives and persistence time compared to 1 and are effective in the treatment of hepatitis B and hepatitis C.

No. of Pages : 40 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2784/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 3 (6 AMINO PYRIDIN 3YL) 2 ACRYLIC ACID DERIVATIVES

(51) International classification	:C07D233/64,C07D233/84	(71)Name of Applicant :
(31) Priority Document No	:10306246.9	1)SANOFI
(32) Priority Date	:11/11/2010	Address of Applicant :54 rue de la Botie F 75008 Paris France
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/069603	1)BOEHM Claudius
Filing Date	:08/11/2011	2)KLEIN Susanne
(87) International Publication No	:WO 2012/062730	3)NAPIERSKI Bernd
(61) Patent of Addition to Application Number	:NA	4)SOMMER Christian
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Process for the preparation of 3 (6 amino pyridin 3yl) 2 acrylic acid derivatives The present invention relates to a process for the preparation of a compound of the formula (I) which comprises reacting a compound of the formula IV (IV) with the compound of formula VII R15 A2 CHO and to novel intermediate compounds used therein.

No. of Pages : 37 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2853/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : CATHODE FOR ELECTROLYSIS CELLS

(51) International classification :C25C3/08
(31) Priority Document No :10 2010 041 081.0
(32) Priority Date :20/09/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/066322
Filing Date :20/09/2011
(87) International Publication No :WO 2012/038427
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BRUCH Christian
2)HILTMANN Frank
3)DAIMER Johann
4)BANEK Manfred

(57) Abstract :

The invention relates to a cathode (1) for an electrolysis cell for extracting aluminium from its oxide in an electrolysis bath said cathode comprising an upper part (1a) facing the electrolysis bath and a lower part (1b) provided with connections (1b1) for the supply line. According to the invention the upper part (1a) and the lower part (1b) can be detachably connected at least in sections by means of an intermediate layer.

No. of Pages : 21 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2995/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : FLANGED BEARING RING AND METHOD FOR PRODUCING SUCH A FLANGED BEARING RING

(51) International classification :F16C33/64,B21D53/10,B23K11/04
(31) Priority Document No :10009629
(32) Priority Date :28/09/2010
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2011/000164
Filing Date :22/09/2011
(87) International Publication No :WO 2012/044224
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)AKTIEBOLAGET SKF
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(72)Name of Inventor :
1)DAHLMAN Patrik

(57) Abstract :

The invention relates to a flanged bearing ring produced from a high carbon steel profile bar comprising at least one flash butt welded joint where the bearing ring is provided with an inner peripheral surface and an outer peripheral surface and where one peripheral surface comprises a raceway for rolling elements where the bearing ring further comprises a flange adapted for fixing the bearing ring to a mechanical member where the flange protrudes from the bearing ring in a substantially radial direction. The invention further relates to a method for producing such a homogenous flanged bearing ring from a straight profile bar. The advantage of the invention is that a homogenous flanged bearing ring is obtained in a simple and cost effective way.

No. of Pages : 24 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2781/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : AQUEOUS FIRE FIGHTING FOAMS WITH REDUCED FLUORINE CONTENT

(51) International classification :A62D1/00
(31) Priority Document No :61/389027
(32) Priority Date :01/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/054628
Filing Date :03/10/2011
(87) International Publication No :WO 2012/045080
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)BOWEN Martina E.
2)XIE Yuan
3)HAVELKA RIVARD Pamela A.

(57) Abstract :

6 Aqueous film forming firefighting composition concentrates are provided that contain an effective amount of a monomelic zwitterionic or anionic Cperfluoroalkyl surfactant having a molecule weight less than 800 daitons. The compositions also contain an effective amount of a foam stabilizing agent and an effective amount of at least one non fluorinated surfactant. The composition has less than 0.8 % F and is substantially free of any surfactant containing a perfluoroalkyl group containing more than 6 carbon atoms. The composition meets Military Specification MIL F 24385F.

No. of Pages : 29 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2923/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD FOR THE CONTROLLED OPERATION OF AN INDUSTRIAL OVEN WHICH IS HEATED IN A REGENERATIVE MANNER CONTROL DEVICE AND INDUSTRIAL OVEN

(51) International classification	:F23N3/00	(71)Name of Applicant :
(31) Priority Document No	:10 2010 041 157.4	1)SOFTWARE & TECHNOLOGIE GLAS GMBH (STG)
(32) Priority Date	:21/09/2010	Address of Applicant :Bahnhofstrasse 76 03051 Cottbus
(33) Name of priority country	:Germany	Kiekebusch Germany
(86) International Application No	:PCT/EP2011/066457	(72)Name of Inventor :
Filing Date	:21/09/2011	1)HEMMANN Peter
(87) International Publication No	:WO 2012/038482	2)BIRLE Andreas
	A1	3)SCHULZ Thomas
(61) Patent of Addition to Application	:NA	4)HEELEMANN Helmut
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for the controlled operation of an industrial oven (100) which is heated in a regenerative manner and which comprises an oven chamber (10) in particular a melting tank in particular for glass having the following steps: injecting fuel into the oven chamber (10) via at least one fuel injector (20 20) which is designed to inject fuel practically without combustion air in particular conducting combustion air to the oven chamber (10) in a first period duration and conducting exhaust gas (AG) out of the oven chamber (10) in a second period duration separately from the fuel in a periodically alternating manner by means of a left regenerator (50) and right regenerator (50) which are associated with the at least one fuel injector (20 20) and which are designed to regeneratively store heat from the exhaust gas and transmit heat to the combustion air. A supply of the combustion air is automatically controlled by means of a control loop. The control loop takes into account an excess air coefficient that is specified in the method as well as the location of the entrance of the excess air upstream in or downstream of the air side regenerator. A corresponding control device and an industrial oven which comprises such a control device and which is heated in a regenerative manner are likewise claimed.

No. of Pages : 45 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2991/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : COMPOSITIONS AND METHODS FOR TREATING ENDOCRINE GASTROINTESTINAL OR AUTOIMMUNE DISORDERS

(51) International classification :C12N15/74,C12N15/70,C12N1/21
(31) Priority Document No :61/393618
(32) Priority Date :15/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/056174
Filing Date :13/10/2011
(87) International Publication No :WO 2012/051431
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)MARCH John C.
2)DUAN Faping

(57) Abstract :

Recombinant cells and methods are provided that relate to the use of isolated engineered recombinant cells to directly or indirectly treat diseases or disorders in a mammalian host such as endocrine gastrointestinal or autoimmune disorders. A recombinant cell is provided that comprises a signal sequence and a promoter wherein: the signal sequence is capable of regulating signal dependent expression of a target nucleic acid in a host or is capable of regulating signal dependent expression of a target nucleic acid in response to an environmental stimulus the cell is derived from an enteric or a commensal bacterium and the target nucleic acid encodes a mammalian factor that promotes normal functioning of a physiological process in the host or is effective in preventing onset establishment or spread of a non infectious disease in the host. The recombinant cell is administered to the host to treat the disease or disorder.

No. of Pages : 104 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3061/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : INJECTOR

(51) International classification	:A61M5/30
(31) Priority Document No	:2010214541
(32) Priority Date	:24/09/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/071624
Filing Date	:22/09/2011
(87) International Publication No	:WO 2012/039458
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Osaka 5300001 Japan

(72)Name of Inventor :

1)ODA Shingo

(57) Abstract :

The invention allows delivery of a substance to be injected to the depth of the intended skin structure in a live body without use of an injection needle. The injector is needle free and is provided with an ignition device with ignition chemical comprising a fuel component and an oxidant component a combustion chamber into which flows the combustion product produced by the reaction of the fuel component with the oxidant component in the combustion of the ignition chemical and in which is accommodated a gas generating agent which is burned by said combustion product to generate a prescribed gas and an enclosing part in which the substance to be injected is enclosed. The injector is configured so that pressure inside the combustion chamber pressurizes the substance to be injected which is enclosed in the enclosing part. The fuel component and oxidant component contained in the ignition chemical are determined so that when mixed in a stoichiometric ratio and burned and the combustion product reaches room temperature gaseous components have been eliminated from said combustion product. A cooling part which is able to contact the combustion product generated by the combustion of the ignition chemical and which cools said combustion product is disposed in the combustion chamber.

No. of Pages : 85 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2804/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :11/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : DEVICE FOR PRINTING BY STAMPING

(51) International classification	:B41F16/00,B41F19/06	(71)Name of Applicant :
(31) Priority Document No	:10009662.7	1)BOBST MEX SA
(32) Priority Date	:16/09/2010	Address of Applicant :Route de Faraz 3 CH 1031 Mex
(33) Name of priority country	:EPO	Switzerland
(86) International Application No	:PCT/EP2011/004344	(72)Name of Inventor :
Filing Date	:30/08/2011	1)DE GAILLANDE Christophe
(87) International Publication No	:WO 2012/034645	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Device (300) for printing elements in sheet form (10) comprising a platen press (310) for applying to each sheet (10) by stamping some coloured or metallized film that comes from at least one stamping strip (410) conveyor means using a succession of gripper bars (610) to move each sheet (10) individually through the platen press (310) and a blower member (320) to separate each stamping strip (410) from each sheet (10) leaving the platen press (310). The blower member (320) is mounted so that it can be moved between a work position in which it is able to operate from the transit zone in which the gripper bars (610) travel at the exit of the platen press (310) and a withdrawn position in which it lies away from said transit zone.

No. of Pages : 35 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2876/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :15/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : NEAR FIELD COMMUNICATION (NFC) SYSTEM PROVIDING NFC TAG GEOGRAPHIC POSITION AUTHENTICATION AND RELATED METHODS

(51) International classification :H04W84/18,H04B5/00,H04W12/10
(31) Priority Document No :10187600.1
(32) Priority Date :14/10/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/CA2011/050643
Filing Date :13/10/2011
(87) International Publication No :WO 2012/048426
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)TYSOWSKI Piotr Konrad

(57) Abstract :

A near field communication (NFC) system may include an NFC tag comprising a memory configured to store geo position data corresponding to a geographic position of the NFC tag and a first NFC sensor coupled to the memory and configured to initiate a transaction based upon NFC communications. The NFC system may further include a mobile wireless communications device comprising a second NFC sensor and a controller coupled thereto. The controller may be configured to establish NFC communications with the first NFC sensor when in proximity thereto and retrieve the geo position data therefrom authenticate a geographic position of the NFC tag based upon the retrieved geo position data and perform the transaction with the NFC tag if the geographic position of the NFC tag is authenticated.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2878/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :15/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : NOVEL PHENOLSULFONIC ACID ARYL ESTER DERIVATIVE AND HEAT SENSITIVE RECORDING MATERIAL USING SAME

(51) International classification :C07C309/75,B41M5/333
(31) Priority Document No :2010208341
(32) Priority Date :16/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/071219
Filing Date :16/09/2011
(87) International Publication No :WO 2012/036267
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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2)AOSAKI Yoshimune

3)INADA Keiichiro

4)SUGA Mamoru

5)OHSE Katsuto

6)MIDORIKAWA Yoshimi

7)SATO Yukiko

(57) Abstract :

Provided is a novel developer capable of achieving a heat sensitive recording material having extremely high color development sensitivity providing good image density even when printing at a low applied energy (in other words high build up sensitivity) and having excellent heat resistance and plasticizer resistance. Also provided is a heat sensitive recording material that uses said developer. A phenolsulfonic acid aryl ester is represented by the general formula (1) below. [The symbols in the formula are synonymous with those in the text.]

No. of Pages : 70 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3064/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : APPARATUS AND METHOD FOR PLACING ROWS AND/OR PILES OF PACKAGED UNITS ONTO TRANSPORT PALLETS

(51) International classification	:B65G47/08
(31) Priority Document No	:20 2010 013 608.3
(32) Priority Date	:27/09/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/004821
Filing Date	:27/09/2011
(87) International Publication No	:WO 2012/048799
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)POLMAN Eckhard
Address of Applicant :Kolkstege 15 46569 H¹/₄nxe Germany
(72)**Name of Inventor :**
1)POLMAN Eckhard

(57) Abstract :

Disclosed is a palletizing apparatus for placing rows and/or stacks of packaged units (2) onto transport pallets (1) in at least one layer (A1) of packaged units (2) comprising a conveying device (3) for bringing the packaged units into the vicinity of the transport pallet (1) and a delivery device (5) for delivering a transport pallet (1) comprising the conveyed packaged units (2). In order to be able to palletize continually using a palletizing apparatus of said kind the delivery device (5) comprises a continuous conveying means (5A) that includes at least two conveying strands (T1 T2 T3) used as conveying legs (T) in a horizontal arrangement and the horizontal continuous conveying means (5A) can be moved as a whole relative to the transport pallet (1) by at least one width of a packaged unit or a partial width and/or partial height of a packaged unit in a transverse direction component relative to the direction of extension of one of the conveying legs of the continuous conveying means.

No. of Pages : 20 No. of Claims : 7

(54) Title of the invention : TTLL4 PEPTIDES AND VACCINES CONTAINING THE SAME

(51) International classification :C12N15/09,A61K38/00,A61K39/00
(31) Priority Document No :61/380611
(32) Priority Date :07/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2011/004987
Filing Date :06/09/2011
(87) International Publication No :WO 2012/032764
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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2)TSUNODA Takuya
3)OSAWA Ryuji

(57) Abstract :

Peptide vaccines against cancer are described herein. In particular epitope peptides derived from the TTLL4 gene that elicit CTLs are provided. Antigen presenting cells and isolated CTLs that target such peptides as well as methods for inducing the antigen presenting cell or CTL are also provided. The present invention further provides pharmaceutical compositions containing peptides derived from TTLL4 or polynucleotides encoding the polypeptides as active ingredients. Furthermore the present invention provides methods for the treatment and/or prophylaxis of (i.e. preventing) cancers (tumors) and/or the prevention of a postoperative recurrence thereof as well as methods for inducing CTLs methods for inducing anti tumor immunity using the peptides derived from TTLL4 polynucleotides encoding the peptides or antigen presenting cells presenting the peptides or the pharmaceutical compositions of the present invention.

No. of Pages : 118 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2649/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : SECURE DEPLOYMENT OF PROVABLE IDENTITY FOR DYNAMIC APPLICATION ENVIRONMENTS

(51) International classification :G06F21/20,H04L9/00
(31) Priority Document No :12/901,445
(32) Priority Date :08/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/053010
Filing Date :23/09/2011
(87) International Publication No :WO 2012/047555 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)JIRKA Ian
2)TEVOSYAN Kahren
3)SANDERS Corey
4)MOORE George M.
5)SRIVASTAVA Mohit
6)RUSSINOVICH Mark Eugene

(57) Abstract :

An invention is described for securely deploying a provable identity for virtual machines (VMs) in a dynamic environment. In an embodiment a fabric controller instructs a VM host to create a VM and sends that VM a secret. The fabric controller sends that same secret (or a second secret such as the private key of a public/private key pair) to the security token service along with an instruction to make an account for the VM. The VM presents proof that it possesses the secret to the security token service and in return receives a full token. When a client connects to the deployment it receives the public key from the security token service which it trusts and the full token from the VM. It validates the full token with the public key to determine that the VM has the identity that it purports to have.

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2931/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : DEVICE FOR TRANSPORTING BUNDLES FOR A STRAPPING MACHINE

(51) International classification :B65H31/30

(31) Priority Document No :10010184.9

(32) Priority Date :22/09/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/004184

Filing Date :19/08/2011

(87) International Publication No :WO 2012/038013

A1

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)BOBST MEX SA

Address of Applicant :Route de Faraz 3 CH 1031 Mex
Switzerland

(72)Name of Inventor :

1)VIATTE Olivier

(57) Abstract :

The present invention relates to a transporting device (1) for moving within a strapping machine (100) a succession of bundles (2) comprising first transporting means (10) which are able to move each bundle (2) from an assembly zone to a transfer zone and second transporting means (40) which are able to move each bundle (2) from the transfer zone to a strapping zone. The invention is notable in that the first transporting means (10) are also able to guide the stack of flat objects longitudinally during the formation of each bundle (2) in the assembly zone and to hold said bundle (2) longitudinally during its movement from the assembly zone to the transfer zone.

No. of Pages : 27 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2932/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : PREPREGS BASED ON A STORAGE STABLE REACTIVE OR HIGHLY REACTIVE POLYURETHANE COMPOSITION

(51) International classification :C08J5/24
(31) Priority Document No :10 2010 041 243.0
(32) Priority Date :23/09/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/064942
Filing Date :31/08/2011
(87) International Publication No :WO 2012/038203
A1
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)EVONIK DEGUSSA GMBH
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Germany
(72)Name of Inventor :
1)SCHMIDT Friedrich Georg
2)REEMERS Sandra

(57) Abstract :

The invention relates to prepregs based on a storage stable reactive or highly reactive polyurethane composition for producing composite components with visible carbon fiber woven fabrics or scrims.

No. of Pages : 31 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3070/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD FOR DYNAMICALLY ALLOCATING AN EXTERNAL PERIPHERAL TO DEVICE APPLICATION

(51) International classification	:G06F13/14
(31) Priority Document No	:10192963.6
(32) Priority Date	:29/11/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/JP2011/073468
Filing Date	:05/10/2011
(87) International Publication No	:WO 2012/073597
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NEC CASIO MOBILE COMMUNICATIONS LTD.

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(72)Name of Inventor :

1)FOK Frederic

2)RENARD Cyril

3)BEAUGRAND Fabrice

(57) Abstract :

The invention concerns a method for dynamically managing allocation of HIDs (Human Interface Devices) to a Graphical Environment said method consisting of changing dynamically the association of HIDs to the graphical environment.

No. of Pages : 14 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2750/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :09/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : A LOW OR MEDIUM VOLTAGE ELECTRIC POWER DISTRIBUTION NETWORK

(51) International classification	:G06F9/445
(31) Priority Document No	:10176965.1
(32) Priority Date	:15/09/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/064175
Filing Date	:17/08/2011
(87) International Publication No	:WO 2012/034814
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)CRESPI Andrea

2)SCARPELLINI Massimo

(57) Abstract :

A low or medium voltage electric power distribution network comprising: a plurality of P&C devices (IED1 IEDN) and a computerized station (11) which can communicate with said P&C devices through a communication network (12). Said computer station comprises first computerised means (111) for executing according to a batch processing mode downloading/uploading sessions of configuration/software upgrading data packages (F1 FN) to/from said P&C devices said computerised means executing a plurality of processing threads during a downloading/uploading session of said configuration/software upgrading data packages each of said processing threads being executed for performing the task of downloading/loading one or more configuration/software upgrading data packages to a selected P&C device in parallel and independent manner with respect to the other P&C devices.

No. of Pages : 11 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2820/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : STATEFUL APPLICATIONS OPERATING IN A STATELESS CLOUD COMPUTING ENVIRONMENT

(51) International classification	:G06F9/44
(31) Priority Document No	:12/912798
(32) Priority Date	:27/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/053531
Filing Date	:27/09/2011
(87) International Publication No	:WO 2012/057955
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Washington 98052 6399 U.S.A.
(72)**Name of Inventor :**
1)JACOBSON Neil A.
2)REIERSON Kristofer H.
3)MONTGOMERY Andrew

(57) Abstract :

A cloud computing environment may use a virtualization layer within a stateless cloud computing process to capture store and retrieve state information generated by a stateful application executing within the process. The virtualization layer may monitor various state storage systems to identify changes to stateful items and store the stateful items in a state storage mechanism. The virtualization layer may intercept and redirect calls to the stateful items stored in the state storage mechanism. A cloud computing manager may start and stop the stateless cloud computing process and may recover the state and resume executing the application.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2894/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :15/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD FOR GENERATION OF THREE DIMENSIONAL IMAGES ENCRUSTING A GRAPHIC OBJECT IN THE IMAGE AND AN ASSOCIATED DISPLAY DEVICE

(51) International classification	:H04N13/00
(31) Priority Document No	:1058966
(32) Priority Date	:29/10/2010
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2011/068698
Filing Date	:26/10/2011
(87) International Publication No	:WO 2012/055892
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Moulineaux France

(72)Name of Inventor :

1)THIEBAUD Sylvain

2)VERDIER Alain

3)DOYEN Didier

(57) Abstract :

The invention consists in a method for generation of 3D image signals. A graphic object is inserted in said image at a determined depth. A frame of a determined thickness surrounds the object to be inserted. A transition zone is defined by the frame around the inserted graphic object. The depths of image elements of the transition zone vary progressively from the external edge to the internal edge of the frame of the graphic object to be inserted. The present invention also relates to a device for generation of said display signals.

No. of Pages : 21 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3039/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : TOOLS FOR PREPARING RAVIOLI OR FILLED PASTA IN GENERAL

(51) International classification	:A21C9/06
(31) Priority Document No	:PD2010A000283
(32) Priority Date	:24/09/2010
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2011/053483
Filing Date	:04/08/2011
(87) International Publication No	:WO 2012/038844
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MARAGNO Silvio

Address of Applicant :Via Roma 615 I 35141 Canda (ro) Italy

(72)Name of Inventor :

1)MARAGNO Silvio

(57) Abstract :

The invention is a new tool set for making homemade ravioli or filled pasta in general comprising at least one flat grid () provided with holes or openings (Ba) at least one flat cutting grid (C) having blades (C1) arranged around each hole at least one flat grid shaped dispensing device (D) suited to dispense portions of filling (R) and provided with holes or openings (Da) arranged exactly as each hole or opening of said grid () at least one flat ejecting device (E) suited to eject portions of filling (R) and provided with a series of projections (E1) suited to fit exactly in the holes or openings (Da) of the dispensing device (D).

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3105/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :22/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : CARRIER FOR BLOOD COMPONENT ADSORPTION AND BLOOD COMPONENT ADSORPTION COLUMN

(51) International classification	:A61K35/14
(31) Priority Document No	:2010241228
(32) Priority Date	:27/10/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/074629
Filing Date	:26/10/2011
(87) International Publication No	:WO 2012/057185
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)TOMITA Naotoshi

2)UENO Yoshiyuki

3)TANAHASHI Kazuhiro

(57) Abstract :

The purpose of the present invention is to provide a carrier for blood component adsorption which can adsorb and remove leukocytes in the form of granulocytes monocytes or lymphocytes and can also adsorb and remove inflammatory cytokines at the same time while minimizing the occurrence of pressure loss in blood circulation. The present invention provides a carrier for blood component adsorption wherein a functional group containing an acid functionality selected from the group consisting of a sulfate group a sulfite group and a sulfonate group and an amino group is introduced onto the surface of a water insoluble carrier that is composed of fiber or particles and the fiber diameter of the fiber or the particle size of the particles is 0.5 to 20 μm .

No. of Pages : 35 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2620/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : DYNAMIC CONFIGURATION OF INTERCONNECTED DEVICES FOR MEASURING PERFORMANCE CHARACTERISTICS IN A NETWORK

(51) International classification	:H04L12/24,H04L12/26	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ALCATEL LUCENT
(32) Priority Date	:NA	Address of Applicant :3 avenue Octave Grard 75007 PARIS
(33) Name of priority country	:NA	France
(86) International Application No	:PCT/IB2010/002791	(72)Name of Inventor :
Filing Date	:10/09/2010	1)PRAKASH Om
(87) International Publication No	:WO 2012/032373	2)PANDEY Prashant
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Dynamic configuration of interconnected devices for measuring performance characteristics in a network is disclosed. The present invention relates to measurement of performance characteristics and more particularly to measurement of performance characteristics of interconnected devices in a network. In existing systems there is no mechanism to dynamically determine the performance characteristics of the network and automate the test process between devices of the network. Disclosed system allows configuring the devices such as provider edge devices dynamically in the network. Further it is possible to determine the capabilities of the devices under test and accordingly configure the test parameters. Further the devices may be synchronized and the test may be carried out. The test process is thus automated and hence eliminates manual configuration that is error prone and tedious.

No. of Pages : 30 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2621/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : OPTIMIZING POWER CONSUMPTION OF A BASE STATION

(51) International classification :H04W52/52,H04W52/34,H04W52/02
(31) Priority Document No :10290540.3
(32) Priority Date :08/10/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/064355
Filing Date :22/08/2011
(87) International Publication No :WO 2012/045517 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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2)ZELLER Dietrich
3)AMBROSY Anton

(57) Abstract :

The invention relates to a method comprising the following steps: measuring (S1) a traffic load; determining (S2) if the traffic load is lower than a first threshold; decreasing (S3) a maximum used output load of an amplifier of the base station if the traffic load is lower than the first; adjusting (S4) an operation point (102; 104; 106; 108; 112; 114; 116; 118; 124) of the amplifier if the traffic load is lower than the first threshold; determining (S2) if the traffic load is higher than a second threshold; increasing (S5) the maximum used output load of the amplifier if the traffic load is higher than the second threshold; and adjusting (S4) the operation point of the amplifier if the traffic load is higher than the second threshold.

No. of Pages : 32 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2622/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : PRESS MOLDED ARTICLE AND METHOD FOR PRODUCING SAME

(51) International classification :B21D22/20,B21D22/22,C21D1/00
(31) Priority Document No :2010222943
(32) Priority Date :30/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/072672
Filing Date :30/09/2011
(87) International Publication No :WO 2012/043837
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)OKITA Keisuke
2)NAITOU Junya
3)IKEDA Shushi

(57) Abstract :

Provided is a useful method for without causing defects such as hardness unevenness producing a press molded article which has a moldability that is favorable to an extent that deep drawing processing is possible by means of heating a thin steel sheet to a temperature that is at least the Ac transformation point then while cooling at a rate that is at least the critical cooling rate starting molding from a temperature that is higher than the martensite transformation start temperature (Ms) and while maintaining a cooling rate that is at least 10°C/second during molding finishing molding in a temperature region that is no greater than the martensite transformation start temperature (Ms).

No. of Pages : 30 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2909/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :15/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD FOR CATALYTICALLY PRODUCING FORMIC ACID

(51) International classification	:C07C51/21,C07C51/215	(71)Name of Applicant :
(31) Priority Document No	:10 2010 045 863.5	1)JBACH GMBH
(32) Priority Date	:17/09/2010	Address of Applicant :Tannenstr. 8 96120 Bischberg Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/064749	1)B-SMANN Andreas
Filing Date	:26/08/2011	2)W-LFEL Ren
(87) International Publication No	:WO 2012/034839	3)WASSERSCHIED Peter
(61) Patent of Addition to Application Number	:NA	4)TACCARDI Nicola
Filing Date	:NA	5)ALBERT Jakob
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

xy405 The invention relates to a method for catalytically producing formic acid. A polyoxometallate ion which is used as a catalyst of the general formula $[PMoVO]$ is brought into contact with an alpha hydroxylaldehyde an alpha hydroxycarboxylic acid a carbohydrate or a glycoside in a liquid solution at a temperature below 120 °C wherein $6 < x < 11$ $1 < y < 6$ $x + y = 12$ and x and y are each a whole number.

No. of Pages : 20 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3115/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :22/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND APPARATUS FOR RATE MATCHING WITH MUTING

(51) International classification :H04L5/14
(31) Priority Document No :61/409486
(32) Priority Date :02/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/059003
Filing Date :02/11/2011
(87) International Publication No :WO 2012/061521
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)GAAL Peter
2)LUO Tao
3)CHEN Wanshi
4)MONTJOJO Juan

(57) Abstract :

Certain aspects of the present disclosure provide techniques that may help resolve ambiguities between a base station and a user equipment (UE) regarding the use or resource elements (REs) reserved for special purposes such as PDSCH muting and/or CSI RS.

No. of Pages : 44 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2824/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : FINE DIRECT REDUCED IRONS CONTAINING IRON CARBIDE AND PREPARATION APPARATUS THEREOF

(51) International classification	:C22B1/16
(31) Priority Document No	:1020100098237
(32) Priority Date	:08/10/2010
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2011/007412
Filing Date	:06/10/2011
(87) International Publication No	:WO 2012/047041
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)KIM Hyun Soo

2)YI Sang Ho

3)CHO Minyoung

(57) Abstract :

Disclosed are fine direct reduced irons containing iron carbide and a preparation apparatus thereof. The fine direct reduced irons containing iron carbide of the present invention contains 20 30 wt% of iron carbide by reducing poorly reducible ultrafine ore in a reduction furnace and forming iron carbide on the surface by carbonization in a carbonization furnace. The apparatus for preparing fine direct reduced irons containing iron carbide of the present invention can effectively reduce and carbonize fine iron ore by selectively using hydrogen sulfide contained in a reducing gas in a carbonization furnace and a reduction furnace. The carbon content in fine direct reduced irons is increased by applying fine direct reduced irons containing iron carbide of the present invention thereby improving melting properties and it is possible to reduce fuel costs due to the increase of reduction and melting velocities.

No. of Pages : 24 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2828/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : CATALYST PARTICLES CARBON SUPPORTED CATALYST PARTICLES AND FUEL CELL CATALYSTS AND METHODS OF MANUFACTURING SUCH CATALYST PARTICLES AND CARBON SUPPORTED CATALYST PARTICLES

(51) International classification :H01M4/90,H01M4/92,H01M4/86

(31) Priority Document No :2010228632

(32) Priority Date :08/10/2010

(33) Name of priority country :Japan

(86) International Application No :PCT/IB2011/002452

Filing Date :06/10/2011

(87) International Publication No :WO 2012/046138

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

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2)ARAI Tatsuya

3)OGAWA Tetsuya

4)SEKIZAWA Koshi

5)TAKEHIRO Naoki

(57) Abstract :

A catalyst particle is composed of an inner particle and an outermost layer that includes platinum and covers the inner particle. The inner particle includes on at least a surface thereof a first oxide having an oxygen defect.

No. of Pages : 78 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2897/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :15/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : HIGH VOLUME EXHAUST GAS TREATMENT SYSTEM

(51) International classification :F01N3/00,F01N3/021,F01N3/24
(31) Priority Document No :12/915106
(32) Priority Date :29/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/056676
Filing Date :18/10/2011
(87) International Publication No:WO 2012/058056
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
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2)POPOVICH Jeremy
3)ZHENG Guanyu
4)GARDNER Timothy
5)YETKIN Argun

(57) Abstract :

An exhaust system for an engine having a plurality of combustion chambers includes a housing containing a first array of parallel positioned emission treatment devices and a second array of parallel positioned emission treatment devices axially spaced apart from one another. A first exhaust passageway is in fluid communication with the combustion chambers and contains the first array of emission treatment devices. A second and separate exhaust passageway is in fluid communication with the combustion chambers and contains the second array of emission treatment devices. A first valve restricts the exhaust flow through the first exhaust passageway. A second valve restricts the exhaust flow through the second exhaust passageway.

No. of Pages : 18 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3030/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : FLOOR CASTING NOZZLE FOR ARRANGEMENT IN THE FLOOR OF A METALLURGICAL CONTAINER

(51) International classification	:B22D41/50,B22D41/58	(71)Name of Applicant :
(31) Priority Document No	:10 2010 050 936.1	1)RHI AG
(32) Priority Date	:11/11/2010	Address of Applicant :Wienerbergstrasse 9 A 1100 Vienna
(33) Name of priority country	:Germany	Austria
(86) International Application No	:PCT/EP2011/005373	(72)Name of Inventor :
Filing Date	:25/10/2011	1)KENDALL Martin
(87) International Publication No	:WO 2012/062414	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a floor casting nozzle for arrangement in or on the floor of a metallurgical container having an upper end preferably for connection to a metallurgical container or to a slide valve of a metallurgical container and having a lower end wherein a flow channel is arranged between the two ends having at least one lower casting opening arranged on the lower end wherein the wall of the flow channel pointing radially outward is enclosed by a gas tight housing and wherein the housing encloses the lower end having the at least one casting opening in a gas tight manner. The invention further relates to a method for operating a floor casting nozzle.

No. of Pages : 24 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3172/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : BASE STATION USER EQUIPMENT AND METHOD OF REDUCING ENERGY CONSUMPTION IN A BASE STATION

(51) International classification :H04W88/08,H04W52/02,H04W36/00
(31) Priority Document No :201010295651.X
(32) Priority Date :28/09/2010
(33) Name of priority country :China
(86) International Application No :PCT/IB2011/002461
Filing Date :07/09/2011
(87) International Publication No :WO 2012/042375
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ALCATEL LUCENT
Address of Applicant :3 avenue Octave Grard F 75007 Paris France
(72)Name of Inventor :
1)SHEN Gang
2)WANG Wei
3)ZHENG Wu

(57) Abstract :

The present invention provides a novel base station a novel user equipment and a method of reducing energy consumption in a base station. According to the present invention when detecting no user service for a time period the base station switches off its transmitter and keeps its receiver switched on thereby entering into a sleep state; when receiving a wake up signal the base station switches on the transmitter thereby entering into a wake up state. The method switches off the transmitter to reduce energy consumption when there is no user service and wakes up the base station intelligently when a user comes.

No. of Pages : 24 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3036/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : LEAD FREE STRUCTURES IN A SEMICONDUCTOR DEVICE

(51) International classification :H01L23/498

(31) Priority Document No :12/912519

(32) Priority Date :26/10/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/053326

Filing Date :26/09/2011

(87) International Publication No :WO 2012/057953

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)XILINX INC.

Address of Applicant :2100 Logic Drive San Jose CA 95124

U.S.A.

(72)Name of Inventor :

1)YIP Laurene

2)ZHANG Leilei

3)NAGARAJAN Kumar

(57) Abstract :

A semiconductor device includes a semiconductor die (306) and a plurality of lead free solder bumps (308) disposed on a surface of the semiconductor die. A substrate (310) includes a plurality of metal layers (318) and a plurality of dielectric layers (317). One of the metal layers includes a plurality of contact pads (312) corresponding to the plurality of lead free solder bumps and one of the dielectric layers is an exterior dielectric layer having a plurality of respective openings for the contact pad. A plurality of respective copper posts (302) is disposed on the contact pads. The respective copper post for each contact pad extends from the contact pad through the respective opening for the contact pad. The semiconductor die is mounted on the substrate with connections between the plurality of lead free solder bumps and the plurality of copper posts.

No. of Pages : 27 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3100/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :22/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : CHARGING MEMBER PROCESS CARTRIDGE AND ELECTROPHOTOGRAPHIC APPARATUS

(51) International classification :G03G15/02,C08G79/14,F16C13/00
(31) Priority Document No :2010-215810
(32) Priority Date :27/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/005252
Filing Date :16/09/2011
(87) International Publication No :WO 2012/042778 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CANON KABUSHIKI KAISHA
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Tokyo 1468501 Japan
(72)Name of Inventor :
1)KURODA Noriaki
2)SUZUMURA Noriko

(57) Abstract :

Provided is a charging member having reduced adhesion of toner and the like to a surface thereof. A charging member having a substrate an elastic layer and a surface layer wherein the surface layer contains a polymer compound having a Si O Sr bond and having a constitutional unit represented by general formula (1) and general formula (2).

No. of Pages : 67 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3104/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :22/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : ANTIHUMAN CCR7 ANTIBODIES HYBRIDOMA NUCLEIC ACID VECTOR CELL MEDICINAL COMPOSITION AND ANTIBODY IMMOBILIZED CARRIER

(51) International classification :C12N15/09
(31) Priority Document No :2010217096
(32) Priority Date :28/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/072014
Filing Date :27/09/2011
(87) International Publication No :WO 2012/043533
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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2)HIRAYAMA Akiyoshi

3)FURUTANI Masahiro

4)SHIMIZU Tatsuo

5)TAKAYAMA Kiyoshi

6)SHIMIZU Tomoko

7)SUZUKI Kazuya

(57) Abstract :

The purpose of the present invention is to provide a novel antihuman CCR7 antibody which is useful as a therapeutic agent for tissue fibrosis or cancer a medicinal composition which comprises the antihuman CCR7 antibody and so on. Provided is an antihuman CCR7 antibody binding specifically to the extracellular domain of human CCR7 said antihuman CCR7 antibody having a heavy chain CDR3 which comprises an amino acid sequence represented by SEQ ID NO: 7 17 27 37 47 57 67 or 77. Also provided is an antihuman CCR7 antibody which has heavy chain CDRs 1 3 and light chain CDRs 1 3 said heavy chain CDRs 1 3 and light chain CDRs 1 3 respectively comprising amino acid sequences represented by SEQ ID NOS:5 10 15 20 25 30 35 40 45 50 55 60 65 70 or 75 80. Preferably such an antihuman CCR7 antibody has an activity of blocking CCR7 dependent intracellular signal transduction mechanism that is induced by stimulation with CCR7 ligands. The antihuman CCR7 antibodies according to the present invention are usable as the active ingredient of a therapeutic agent for tissue fibrosis or cancer.

No. of Pages : 143 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3176/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : PRODUCTION OF RENEWABLE BIO DISTILLATE

(51) International classification :C10L1/02,C10L5/44
(31) Priority Document No :12/915872
(32) Priority Date :29/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/055411
Filing Date :07/10/2011
(87) International Publication No :WO 2012/057988
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :

1)RAMIREZ CORREDORES Maria Magdalena

2)SORRELLS Jennifer

3)ZHANG Changan

(57) Abstract :

A process and system for separating a light fraction a bio distillate fraction (composition) and a heavy fraction from a bio oil and for producing a renewable distillate including at least in part the bio distillate composition and a stabilizing additive is provided. The process comprises separating bio oil into light bio distillate and heavy fractions based on their boiling points. At least a portion of the bio distillate composition and a stabilizing additive are blended with a petroleum derived diesel range stream without any prior hydrotreatment to thereby provide a renewable distillate composition.

No. of Pages : 20 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2776/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : DOSE SETTING MECHANISM AND DRUG DELIVERY DEVICE

(51) International classification	:A61M5/24,A61M5/315	(71)Name of Applicant :
(31) Priority Document No	:61/411,012	1)SANOFI AVENTIS DEUTSCHLAND GMBH
(32) Priority Date	:08/11/2010	Address of Applicant :Brüningstrasse 50 65929 Frankfurt
(33) Name of priority country	:U.S.A.	Germany
(86) International Application No	:PCT/EP2011/069582	(72)Name of Inventor :
Filing Date	:08/11/2011	1)AVERY Richard James Vincent
(87) International Publication No	:WO 2012/062717 A1	2)DRAPER Paul Richard
(61) Patent of Addition to Application	:NA	3)JAMES Aled Meredydd
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A dose setting mechanism (202) that prevents dispensing of a drug when an incorrect cartridge assembly (204) is attached to the dose setting mechanism (202). Dispense of a drug may be allowed by preventing rotation of a spindle nut (208) of a drug delivery device (200) and dispense of a drug may be prevented by not preventing rotation of the spindle nut (208). Preventing dispense of a drug may be accomplished by preventing rotation of the spindle (206) when an incorrect cartridge assembly (204) is inserted. Preventing dispense of a drug may be accomplished by preventing the spindle (206) from applying an axial force on the cartridge when an incorrect cartridge assembly (204) is inserted.

No. of Pages : 64 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2777/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : THICKENER/CLARIFIER FEEDWELL HAVING VOLUTE PERIPHERIES

(51) International classification	:B01D21/24,B01D21/26	(71)Name of Applicant :
(31) Priority Document No	:61/393,040	1)FLSMIDTH A/S
(32) Priority Date	:14/10/2010	Address of Applicant :77 Vigerslev Alle DK 2500 Valby
(33) Name of priority country	:U.S.A.	Denmark
(86) International Application No	:PCT/US2011/056369	(72)Name of Inventor :
Filing Date	:14/10/2011	1)ECHEVERRI Luis Fernando
(87) International Publication No	:WO 2012/051536	
(61) Patent of Addition to Application		
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A feedwell for a thickener/clarifier includes a feedwell body (40) a feedwell inlet (41) a sidewall (42) and a discharge opening (48). At least one infeed conduit (21) is connected at an upstream end of the feedwell inlet (41). The sidewall (42) has a non cylindrical curved peripheral surface defining a radially outermost fluid boundary surface for an influent stream (60). The non cylindrical curved peripheral surface may include portions of a volute surface coil surface helical surface compound curve surface spline curve surface or spiral surface. Feedwells according to the invention provide a uniform settling tank feeding flux around exiting portions of the feedwell control velocity gradients and shear rates protect flocculated aggregates normalize sedimentation conditions in the settling tank and prevent large local accelerations and flow non uniformities.

No. of Pages : 62 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2778/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : COMPOSITE FLYWHEEL

(51) International classification	:F16F15/30
(31) Priority Document No	:61/382,694
(32) Priority Date	:14/09/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/051216
Filing Date	:12/09/2011
(87) International Publication No	:WO 2012/037028 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)POWER TREE CORP

Address of Applicant :1111 Brickell Avenue Suite 1100
Miami FL 33131 U.S.A.

(72)Name of Inventor :

1)MORGAN Frederick E.

2)BARONE Christopher V.

3)STROHECKER Jeffrey

(57) Abstract :

A flywheel (12) includes a wheel having a composite rim structure (26) with multiple radial layers of steel material. Epoxy type adhesive (34) can bond the multiple layers of stainless steel together.

No. of Pages : 33 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2848/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND MEANS FOR THE PREPARATION OF SOLUTIONS FROM DRY CHEMICALS

(51) International classification	:B01F1/00
(31) Priority Document No	:12/884785
(32) Priority Date	:17/09/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/048342
Filing Date	:19/08/2011
(87) International Publication No	:WO 2012/036837
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ARCH CHEMICALS INC.
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(72)**Name of Inventor :**
1)BRENNAN James P.
2)ADAMS Zachary H.
3)CAO Paul Z.

(57) Abstract :

An apparatus (1) for preparing a chemical solution includes a lower and upper housings (2 3). The lower housing has a base (17) an upper plate (12) having a central opening and a side wall (11). A grid (10) mounted on the upper plate covers the opening. A wall (4) divides the lower housing into a central inner chamber (6) and an annular outer chamber (7); this wall extends into an upper portion of the lower housing. One portion (5) of the wall has a reduced height to permit fluid flow from the inner chamber to the outer chamber. A nozzle is mounted in the inner chamber for discharging fluid (60) into the inner chamber and elevates a portion (62) of the fluid surface (61) above the grid. The nozzle may be an eductor (15) creating a venturi effect to draw fluid into the eductor.

No. of Pages : 25 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3197/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : PREPARATION FOR IMPROVING SOLUBILITY OF POORLY SOLUBLE DRUG

(51) International classification :A61K31/426,A61K9/20,A61K9/48
(31) Priority Document No :2010221000
(32) Priority Date :30/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/072355
Filing Date :29/09/2011
(87) International Publication No :WO 2012/043709
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)SAKUMA Satoshi
2)UEDA Hiroshi
3)MASHIMO Akira
4)MURAZATO Hiroshi

(57) Abstract :

Provided is a solubility improving preparation for improving the oral absorbability of a poorly soluble drug which is characterized by comprising: (A) granules each of which contains 1) a poorly soluble drug having an acidic group in the molecule 2) an alkaline agent and 3) a surfactant and which contains substantially no disintegrating agent; and (B) a disintegrating agent which is present only in the outside of the granules.

No. of Pages : 39 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2916/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : DEGRADABLE LATEX AND METHOD

(51) International classification	:C09K 8/035
(31) Priority Document No	:61/394,850
(32) Priority Date	:20/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/056674
Filing Date	:18/10/2011
(87) International Publication No	:WO 2012/054456 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :P.O. Box 71 Craigmuir Chambers Road
Town Tortola Virgin Island British GB 1110 U.K.
(72)**Name of Inventor :**
1)CHEN Yiyan

(57) Abstract :

Disclosed herein is a degradable latex comprising a stable dispersion of macromolecules in a liquid medium wherein the macromolecules comprise a primary moiety comprising a plurality of functional groups and a plurality of secondary moiety each chemically bonded through a labile linkage to the functional groups of the primary moiety wherein at least a portion of residues of the secondary moiety are dispersible in the liquid medium. Methods of making and degrading the degradable latex treating a formation and a treatment fluid are also disclosed.

No. of Pages : 37 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2917/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : ANTENNA DEVICE

(51) International classification :H01Q9/30
(31) Priority Document No :2010236601
(32) Priority Date :21/10/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/069095
Filing Date :18/08/2011
(87) International Publication No :WO 2012/053282
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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4368501 Japan
2)NEC CASIO Mobile Communications Ltd.
(72)Name of Inventor :
1)UCHIDA Jun

(57) Abstract :

The present invention provides an antenna device comprising: a single antenna element corresponding to a first usage frequency band and a second usage frequency band that is different from the first usage frequency band; a power feed point for supplying AC power to the antenna element; and a parallel resonance circuit electrically connected between the antenna element and the power feed point. The parallel resonance circuit has impedance that is set so as to indicate induction properties in the first usage frequency band and is set so as to indicate capacitance properties in the second usage frequency band and return loss in the first and second usage frequency bands is sufficiently small so as to enable wireless communication.

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2918/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND APPARATUS FOR MAKING AEROSOL CANS FOR METERED DOSE INHALER

(51) International classification :B65D83/14
(31) Priority Document No :61/405,473
(32) Priority Date :21/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/056871
Filing Date :19/10/2011
(87) International Publication No :WO 2012/054592 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)BOLTON Mark
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4)RIBORDY James E.

(57) Abstract :

A method and apparatus for forming aerosol cans for metered dose inhalers.

No. of Pages : 53 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3118/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :22/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : ARCHITECTURE AND METHOD FOR ELIMINATING STORE BUFFERS IN A DSP/PROCESSOR WITH MULTIPLE MEMORY ACCESSES

(51) International classification :G06F9/38
(31) Priority Document No :12/916661
(32) Priority Date :01/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/058824
Filing Date :01/11/2011
(87) International Publication No :WO 2012/061417
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)INGLE Ajay Anant
3)KUO Eai hsin A.
4)BASSETT Paul Douglas

(57) Abstract :

A method and apparatus for controlling system access to a memory that includes receiving first and second instructions and evaluating whether both instructions can architecturally complete. When at least one instruction cannot architecturally complete delaying both instructions. When both instructions can architecturally complete and at least one is a write instruction adjusting a write control of the memory to account for an evaluation delay. The evaluation delay can be sufficient to evaluate whether both instructions can architecturally complete. The evaluation delay can be input to the write control and not the read control of the memory. A precharge clock of the memory can be adjusted to account for the evaluation delay. Evaluating whether both instructions can architecturally complete can include determining whether data for each instruction is located in a cache and whether the instructions are memory access instructions.

No. of Pages : 25 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3195/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : DUAL POLARIZED RADIATING DIPOLE ANTENNA

(51) International classification :H01Q21/24,H01Q21/28,H01Q15/16
(31) Priority Document No :1058828
(32) Priority Date :27/10/2010
(33) Name of priority country :France
(86) International Application No :PCT/EP2011/068681
Filing Date :25/10/2011
(87) International Publication No :WO 2012/055883
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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2)HILARY Aurlien
3)COQUILLE Gilles
4)JULIEN Thomas
5)FAUQUERT Gaetan

(57) Abstract :

The dual polarised radiating element comprises four dipoles each comprising one stand and two arms. A first arm and a second arm belonging to two adjacent dipoles form a straight radiating strand composed of a single part and the four radiating strands are arranged so as to form a disjoint square at the corners. The antenna comprises at least one first radiating element operating in a first frequency band and at least one second radiating element operating in a second frequency band and having at least one dipole that is arranged at the centre of the square formed by the radiating strands of the first radiating element the radiating elements being arranged above a common reflector such that the transverse strands of the first radiating elements are located between two adjacent second radiating elements.

No. of Pages : 15 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2792/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : SWITCH SYSTEM AND DATA FORWARDING METHOD

(51) International classification	:H04L12/56
(31) Priority Document No	:2010232597
(32) Priority Date	:15/10/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/070432
Filing Date	:08/09/2011
(87) International Publication No	:WO 2012/049925
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1088001 Japan
(72)**Name of Inventor :**
1)OOISHI Masaaki

(57) Abstract :

In the present invention the maximum number of flow entries to be searched is increased by enabling a plurality of switches to search flow entries in a single set of communication data. Specifically a control server registers flow entries in dispersed fashion in a flow table inside each of a plurality of switches belonging to a switch group. When communication data are obtained each of the switches belonging to the switch group confirms whether the communication data match any of the flow entries registered in the flow table. In the case that the communication data match any of the flow entries the communication data are forwarded in accordance with the forwarding scheme defined by the corresponding flow entry. In the case that the communication data do not match any of the flow entries the communication data are forwarded via an inter switch link to a switch having an unsearched flow table and belonging to the same switch group. In a case in which there are no switches having an unsearched flow table the control server is queried for a scheme to forward the communication data.

No. of Pages : 63 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2860/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHODS AND APPARATUS FOR PROVIDING UPLINK TRAFFIC DIFFERENTIATION SUPPORT FOR CIPHERED TUNNELS

(51) International classification :H04L29/06,H04W28/12,H04L12/56
(31) Priority Document No :61/391052
(32) Priority Date :07/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/055470
Filing Date :07/10/2011
(87) International Publication No :WO 2012/048290
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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5775 Morehouse Drive San Diego California 92121 U.S.A.
(72)Name of Inventor :
1)GIARETTA Gerardo
2)LAGANIER Julien H.

(57) Abstract :

Systems methods and devices for providing uplink traffic differentiation support in hybrid networks including 3GPP and non 3GPP are described herein. In some aspects a method that facilitates wireless communications is provided. The method includes receiving using signaling involved in establishing a cipher tunnel traffic classification information and associated quality of service (QoS) marker information. The method further includes determining based upon the traffic classification information that a data packet is associated with a traffic classification. A QoS marker is included within the data packet. The QoS marker is associated with the traffic classification.

No. of Pages : 57 No. of Claims : 80

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2933/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : USE OF MYELOID CELL BIOMARKERS FOR THE DIAGNOSIS OF CANCER

(51) International classification :G01N33/574
(31) Priority Document No :61/384,784
(32) Priority Date :21/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/066397
Filing Date :21/09/2011
(87) International Publication No :WO 2012/038463
A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)SINGH Harpreet
2)WALTER Steffen
3)MENDRZYK Regina
4)BRONTE Vincenzo
5)MANDRUZZATO Susanna

(57) Abstract :

The present invention relates to the use of myeloid cell biomarkers for the differential diagnosis prognosis and monitoring of renal cell carcinoma (RCC) or colorectal cancer (CRC). The present invention furthermore relates to monitoring the effect of a treatment against renal cell carcinoma (RCC) or colorectal cancer (CRC) and establishing a prognosis of the outcome of the treatment of renal cell carcinoma (RCC) or colorectal cancer (CRC). The present invention furthermore relates to panels of cellular biomarkers for use in the above methods in particular multicolor panels for measuring said biomarkers.

No. of Pages : 40 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2934/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : SYNTHESIS OF SUBSTITUTED SALICYLALDEHYDE DERIVATIVES

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:61/385,551	1)NOVOMER INC.
(32) Priority Date	:22/09/2010	Address of Applicant :950 Danby Road Suite 198 Ithaca NY
(33) Name of priority country	:U.S.A.	14850 U.S.A.
(86) International Application No	:PCT/US2011/052748	(72)Name of Inventor :
Filing Date	:22/09/2011	1)FARMER Jay J.
(87) International Publication No	:WO 2012/040454 A2	2)JOB Gabriel E.
(61) Patent of Addition to Application		
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Among other things the present invention encompasses methods of synthesizing salicylaldehyde derivatives comprising the steps of:
a) providing salicylaldehyde or a derivative thereof b) forming an anhydro dimer of the provided salicylaldehyde compound c)
performing one or more chemical transformations on the anhydro dimer and d) hydrolyzing the anhydro dimer to provide a
salicylaldehyde derivative different from that provided in step (a).

No. of Pages : 52 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3209/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :24/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD FOR MELTING A PSEUDO TITANIUM ALLOY COMPRISING (4.0 6.0)% L (4.5 6.0)% (4.5 6.0)% V (2.0 3.6)% R (0.2 0.5)% FE (0.1 2.0)% ZR

(51) International classification :C22C14/00,C22B9/20
(31) Priority Document No :2010139693
(32) Priority Date :27/09/2010
(33) Name of priority country :Russia
(86) International Application No :PCT/RU2011/000731
Filing Date :23/09/2011
(87) International Publication No :WO 2012/044205
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)TETYUKHIN Vladislav Valentinovich
2)LEVIN Igor Vasilievich

(57) Abstract :

The invention relates to the field of nonferrous metallurgy and specifically to the production of pseudo titanium alloys comprising titanium and also the following alloying elements: molybdenum vanadium chromium zirconium iron and aluminium. The proposed alloy comprises the following components: 25 27% by mass of molybdenum; 25 27% by mass of vanadium; 14 16% by mass of chromium; 9 11% by mass of titanium; aluminium as the base and iron and zirconium in the form of technically pure metals. The technical result of the invention is the possibility of producing a pseudo titanium alloy with a highly homogeneous chemical composition which is alloyed with high melting elements has a =6% content of aluminium and has stable high impact properties in combination with high impact strength.

No. of Pages : 9 No. of Claims : 1

(54) Title of the invention : WATER PROOF CRIMPING TERMINAL AND CRIMPING METHOD THEREOF

(51) International classification :H01R4/18,H01R13/52,H01R43/00
 (31) Priority Document No :2010231394
 (32) Priority Date :14/10/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/074234
 Filing Date :14/10/2011
 (87) International Publication No :WO 2012/050239
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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 (72)Name of Inventor :
1)OHNUMA Kentaro
2)KOBAYASHI Hiroshi
3)NAKASHIMA Takahito
4)MURAMATSU Saori

(57) Abstract :

A water proof crimping terminal (1) is used. The water proof crimping terminal (1) has a base plate part (4) and a pair of core wire crimping pieces (2 3) integrally formed with the base plate part (4) to form an annular core wire crimping part (5) during crimping process of an electric wire in which an end side of the one core wire crimping piece (2) is folded outward to form a folded part (16) having an outward repelling force an end side of the other core wire crimping piece (3) is arranged outside the folded part as the covering part (17) and an outer surface of the folded part is allowed to come into close contact with an inner surface of the covering part by the repelling force.

No. of Pages : 33 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2874/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :15/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : VEHICLE CHARGER SAFETY SYSTEM AND METHOD

(51) International classification :H02J7/02
(31) Priority Document No :12/899281
(32) Priority Date :06/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/054544
Filing Date :03/10/2011
(87) International Publication No :WO 2012/047779
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)HALL Katherine L.
2)KESLER Morris P.
3)FIORELLO Ron
4)SCHATZ David A.
5)KULIKOWSKI Konrad J.
6)SOLJACIC Marin

(57) Abstract :

Wireless vehicle charger safety systems and methods use a detection subsystem a notification subsystem and a management subsystem. The detection subsystem identifies a safety condition. The notification subsystem provides an indication of the safety condition. The management subsystem addresses the safety condition. In particular undesirable thermal conditions caused by foreign objects between a source resonator and a vehicle resonator are addressed by sensing high temperatures providing a warning and powering down a vehicle charger as appropriate for the environment in which the charger is deployed.

No. of Pages : 26 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2875/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :15/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : CARD APPLICATION TOOLKIT SUPPORT FOR IP MULTIMEDIA SYSTEM

(51) International classification :H04L29/06

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2010/053374

Filing Date :20/10/2010

(87) International Publication No :WO 2012/054030

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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1)ALI Syed Hussain

2)CORMIER Jean philippe

3)ALLEN Andrew Michael

(57) Abstract :

To consolidate session initiation protocol (SIP) messages a user equipment (UE) is made aware of all Internet Protocol (IP) multimedia subsystem (IMS) applications installed in its memory and on a universal integrated circuit card (UICC) and supported communication services. By obtaining this information before the initial IMS Registration the UE can save resources by registering all local applications and communication services in single IMS registration.

No. of Pages : 60 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2947/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :27/05/2009

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND DEVICE FOR DRIVER STATE RECOGNITION

(51) International classification	:B60K 28/06
(31) Priority Document No	:10 2006 051 930.2
(32) Priority Date	:03/11/2006
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2007/59291
Filing Date	:05/09/2007
(87) International Publication No	:WO 2008/52827
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)ROBERT BOSCH GMBH
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STUTTGART Germany
(72)Name of Inventor :
1)SCHMITZ, CARSTEN

(57) Abstract :

Proposed are a method and a device for driver state detection. Here, a signal which characterizes a driver state is derived from the frequency of the minima in the time profile of a variable which represents the lane-holding behaviour of the driver, in particular the time to line crossing; the time required until the lane marking is crossed.

No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3218/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : NETWORK SYSTEM AND METHOD FOR CONTROLLING COMMUNICATION TRAFFIC

(51) International classification	:H04L12/56,H04L12/28	(71)Name of Applicant :
(31) Priority Document No	:2010242248	1)NEC CORPORATION
(32) Priority Date	:28/10/2010	Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1088001 Japan
(86) International Application No	:PCT/JP2011/070726	(72)Name of Inventor :
Filing Date	:12/09/2011	1)SATO Shihomi
(87) International Publication No	:WO 2012/056816	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

When a traffic storm occurs in an open flow network a frame which causes the storm is destroyed on a per flow basis and an indiscriminant destruction of frames or a shut down of a port itself is not performed. Specifically a controller detects the increase of traffic in a short period of time on the basis of periodically acquired statistical information regarding respective switches controlled by the controller. When the increase is detected the controller activates a storm detection mode. In the storm detection mode packets are randomly extracted as sample packets from a relevant switch for a predetermined period of time. The controller determines whether any one of a broadcast storm a multicast storm and a unicast storm occurs on the basis of the sample packets. When any one of the storms occurs it is assessed that a traffic storm occurs. When a traffic storm occurs a rule (matching condition) indicating a packet which causes the storm and an entry in which an action to destroy the packet is defined are set in a relevant port of a relevant switch by a FlowMod message on the basis of the information of analyzed sample packets.

No. of Pages : 29 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2937/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : MULTIPLE SIGNAL TRANSFORMATION IN WIRELESS RECEIVERS

(51) International classification :H04L27/26,H04L5/00,H04W72/04
(31) Priority Document No :61/408,478
(32) Priority Date :29/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/057629
Filing Date :25/10/2011
(87) International Publication No :WO 2012/058197 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)QUALCOMM INCORPORATED
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5775 Morehouse Drive San Diego CA 92121 1714 U.S.A.
(72)Name of Inventor :
1)LUO Xiliang
2)YOO Taesang
3)LUO Tao

(57) Abstract :

A frontend receiver of a user equipment (UE) is configured with multiple transform operations assigned to separate sets of cells. One set of cells includes the serving cell of the UE and at least one additional cell within a first offset range of the serving cell. Another set or sets of cells include additional interferer cells within another offset range of the serving cell. After tracking the common frequency/timing offsets of each set of cells the assigned transform operation for that set transforms the time domain samples into frequency domain symbols. The individual frequency/timing offsets for each cell within the set are then tracked.

No. of Pages : 50 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3143/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :22/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : NUTRIENT RECOVERY METHODS AND USES THEREOF

(51) International classification :B01D37/02,B01D21/00,C02F1/56

(31) Priority Document No :61/387575

(32) Priority Date :29/09/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/CA2011/050602

Filing Date :27/09/2011

(87) International Publication No :WO 2012/040848

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)ZENG Le (Larry)

2)LI Xiaomei

(57) Abstract :

Provided herein is an efficient solid liquid separation method for bio waste material treatment. The method contemplates the addition of certain cationic polyelectrolytes (or polymers as used herein) to the bio waste materials prior to solid liquid separation such as centrifugation thus greatly facilitate the subsequent solid liquid separation step. The liquid portion once separated from solid portion using the subject methods can be subjected to further downstream nutrient recovery manipulations (such as phosphate precipitation and ammonia stripping) with potentially better efficiency or may be used directly in a number of operations such as a liquid diluent for feedstocks in an ethanol plant.

No. of Pages : 60 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3144/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :22/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : INTERACTIVE SYSTEM FOR CONTROLLING MULTIPLE INPUT MULTIPLE OUTPUT CONTROL (MIMO) STRUCTURES

(51) International classification	:G05B13/04
(31) Priority Document No	:12/893670
(32) Priority Date	:29/09/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/053974
Filing Date	:29/09/2011
(87) International Publication No	:WO 2012/050970
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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U.S.A.
(72)**Name of Inventor :**
1)APKARIAN Pierre
2)NOLL Dominikus
3)GAHINET Pascal

(57) Abstract :

Exemplary embodiments allow users to interactively formulate and solve multivariable feedback control problems. For example users can solve problems where a plurality of control elements are distributed over one or more feedback loops and need to be jointly tuned to optimize overall performance and robustness of a control system. Embodiments allow users to specify design requirements and objectives in formats familiar to the user. Embodiments can operate on tunable parameters to solve the control problem in a manner that satisfies the design requirements and/or objectives provided by the user.

No. of Pages : 95 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3221/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD FOR PRODUCING HIGHER HYDRIDOSILANE COMPOUNDS

(51) International classification :C01B33/04,C23C18/12,C08G77/60
(31) Priority Document No :102010041842.0
(32) Priority Date :01/10/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/066742
Filing Date :27/09/2011
(87) International Publication No :WO 2012/041837
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Germany
(72)Name of Inventor :
1)WIEBER Stephan
2)PATZ Matthias
3)HESSING Jutta
4)KLATT Janette

(57) Abstract :

The invention relates to fast and metal free methods for producing higher hydridosilane compounds from lower hydridosilane compounds in which at least one lower hydridosilane compound is thermally reacted (I) in the presence of at least one hydridosilane compound (II) having an average molecular weight of at least 500 g/mol. The invention further relates to hydridosilane compounds that can be obtained by the method and to the use thereof.

No. of Pages : 13 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3222/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : PORTABLE ELECTRONIC DEVICE

(51) International classification	:H04M1/18,H05K5/06	(71)Name of Applicant :
(31) Priority Document No	:2010241493	1)NEC CORPORATION
(32) Priority Date	:27/10/2010	Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1088001 Japan
(86) International Application No	:PCT/JP2011/074208	(72)Name of Inventor :
Filing Date	:20/10/2011	1)KOMIYAMA Takehiko
(87) International Publication No	:WO 2012/056999	2)GOTOU Seiichirou
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A portable electronic device (10) comprises a first housing (20) an electronic module (32) a first cover (30) a circuit board module (33) and a second cover (35). The electronic module (32) is secured on one surface side of the first housing (20). The first cover (30) is attached to be watertight to the first housing (20) with a waterproof adhesive member (31) therebetween to cover the electronic module (32). The circuit board module (33) is secured on another surface side of the first housing (20). The second cover (35) is attached to be watertight to the first housing (20) with a waterproof adhesive member (34) therebetween to cover the circuit board module (33).

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1372/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :04/04/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS COMPRISING LACIDIPINE

(51) International classification	:A61K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Dr ReddyTMs Laboratories Limited
(32) Priority Date	:NA	Address of Applicant :8-2-337 Road No. 3 Banjara Hills
(33) Name of priority country	:NA	Hyderabad Andhra Pradesh India Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Devendra Narayanrao Ridhurkar
(87) International Publication No	: NA	2)Sanju Dhawan
(61) Patent of Addition to Application Number	:NA	3)Raviraj Sukumar Pillai
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Stable pharmaceutical formulations for the oral administration of lacidipine compositions which provide improved dissolution rate and stability on storage are disclosed. Process for preparing lacidipine compositions by hot melt extrusion of the drug along with a polymer, a solubilizer and optionally one or pharmaceutically acceptable excipients and their use in pharmaceutical formulations for the treatment of hypertension in a patient.

No. of Pages : 33 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2870/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : A METHOD AND A DEVICE FOR REPORTING THE NUMBER OF CORRECTLY DECODED TRANSPORT BLOCKS IN A WIRELESS SYSTEM

(51) International classification :H04L1/00,H04L1/16,H04L29/08
(31) Priority Document No :20031671
(32) Priority Date :17/11/2003
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2004/000685
Filing Date :16/11/2004
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1712/CHENP/2006
Filed on :16/11/2004

(71)Name of Applicant :

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Address of Applicant :16, avenue Pasteur L-2310 Luxembourg
Luxembourg

(72)Name of Inventor :

1)S%BIRE Benoist

2)JOKINEN Harri

(57) Abstract :

A method and a device for reporting the number of correctly decoded transport blocks in a wireless system. The maximum number of correctly decoded transport blocks within a reporting period is determined. Then the actual number of correctly decoded transport blocks is determined and cultivated into an indication thereof on the basis of the maximum number. The indication is sent to a network element capable of decoding it for analysis.

No. of Pages : 30 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2943/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : INHERITED PRODUCT ACTIVATION FOR VIRTUAL MACHINES

(51) International classification :G06F9/44,G06F9/22,G06F21/22
(31) Priority Document No :12/916093
(32) Priority Date :29/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/057601
Filing Date :25/10/2011
(87) International Publication No:WO 2012/058190
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)BHAVE Ajay
4)KAO Chih Pin
5)BACHHUBER Emeron
6)HORAL Mikael P.

(57) Abstract :

Methods and systems are disclosed in which inherited activation opens a secure communication path from the host operating system (OS) to the guest (virtual machine) OS. The license state of the software on the host is passed through this channel and software installed in the guest uses this information to inform its own product activation process. The virtualized (guest) software may then activate without any outside communication when the license requirements for the host are met.

No. of Pages : 41 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3147/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :22/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : VARIABLE FOCUS LENS HAVING TWO LIQUID CHAMBERS

(51) International classification :G02B3/14

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/CH2010/000270

Filing Date :26/10/2010

(87) International Publication No :WO 2012/055049

(61) Patent of Addition to Application :NA

Number :NA

Filing Date

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KERN Thomas

(57) Abstract :

A variable focus lens has a housing (1) and an actuator (8) which are mutually displaceable along an optical axis (A) of the lens. A primary membrane (15) is arranged between a first chamber (24 26) and a second chamber (30 32) with the first and second chambers being filled with liquids of similar density but different indices of refraction. First and second auxiliary membranes (19 17) are provided for volume compensation. The first auxiliary membrane (19) forms a wall section of the first chamber (24 26) and the second auxiliary membrane (17) forms a wall section of the second chamber (30 32) at least one or both of the auxiliary membranes facing environmental air at its outer side.

No. of Pages : 20 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3148/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :22/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : OPTICAL FILM AND ITS PRODUCTION METHOD POLARIZER AND LIQUID CRYSTAL DISPLAY DEVICE

(51) International classification	:G02B5/30
(31) Priority Document No	:2010219612
(32) Priority Date	:29/09/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/073025
Filing Date	:29/09/2011
(87) International Publication No	:WO 2012/043872
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)SASATA Katsumi
2)NAKAYAMA Hajime

(57) Abstract :

An optical film having an acrylic resin layer and a cellulose acylate layer wherein the weight average molecular weight of the acrylic resin used as the main ingredient in the acrylic resin layer is from 600 000 to 4 000 000 hardly causes display unevenness when it is incorporated in a liquid crystal display device.

No. of Pages : 60 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/04/2013

(21) Application No.3227/CHENP/2013 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : MICRONEEDLE

(51) International classification :A61M37/00
(31) Priority Document No :2010-238663
(32) Priority Date :25/10/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/075013
Filing Date :24/10/2011
(87) International Publication No :WO 2012/057345
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

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3)ODA Takashi

4)KOBAYASHI Katsunori

5)HAMAMOTO Hidetoshi

6)ISHIBASHI Masaki

7)TOYOHARA Kiyotsuna

(57) Abstract :

The present invention provides a microneedle said microneedle smoothly stabbing into the skin of a patient and therefore being highly safe and convenient and enabling painless administration of a definite drug and a microneedle array. A microneedle and a microneedle array said microneedle comprising a pyramidal base part and a tip part located thereon wherein the vertical angle of the tip is in the range of 15 60 the bottom face diameter of the tip part is in the range of 1 20 μm and the following requirement is satisfied: $H/D=5$ (1) wherein H represents the overall height; and D represents the bottom face diameter of the pyramidal base part.

No. of Pages : 43 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2808/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : A METHOD FOR SECURING CREDENTIALS IN A REMOTE REPOSITORY

(51) International classification :G06F21/62
(31) Priority Document No :10187215.8
(32) Priority Date :12/10/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/US2011/055445
Filing Date :07/10/2011
(87) International Publication No :WO 2012/051076
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)CHIDAMBARAM Avinash
2)CAMPAGNA Matthew John

(57) Abstract :

A method of securing user credentials in a remote repository is provided. In accordance with one embodiment there is provided a method comprising generating a first private key and a first public key pair from a registered password; generating a second private key and a second public key pair; generating a storage key from the second private key and the first public key; encrypting a set of credentials using the storage key; creating an encrypted credential signature from the encrypted set of credentials and the first private key; and storing the encrypted set of credentials the encrypted credential signature and the second public key in the remote repository.

No. of Pages : 33 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2882/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :15/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : INTEGRATED DATA MODEL BASED FRAMEWORK FOR DRIVING DESIGN CONVERGENCE FROM ARCHITECTURE OPTIMIZATION TO PHYSICAL DESIGN CLOSURE

(51) International classification	:G06F17/50
(31) Priority Document No	:12/906785
(32) Priority Date	:18/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/051646
Filing Date	:14/09/2011
(87) International Publication No	:WO 2012/054153
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DURBHA Ananth
2)NG Pius
3)PADMANABHAN Satish

(57) Abstract :

Systems and methods are disclosed to automatically synthesize a custom integrated circuit by receiving a specification of the custom integrated circuit including computer readable code and one or more constraints on the custom integrated circuit encoding architecture level knowledge in a data model to generate and pass new constraints for physical synthesis of a chip specification uniquely customized to the computer readable code receiving a look ahead cost function during architecture optimization consistent with cost observed later in the flow after detailed physical synthesis is performed wherein the look ahead cost function is generated from a prior iteration and supplied to a subsequent iteration through the data model and automatically translating information available at one optimization point into a constraint for another optimization point invoked at a different place in the design flow using the data model.

No. of Pages : 32 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2884/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :15/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD SYSTEM AND DEVICE FOR DISPLAYING PAGE

(51) International classification	:H04L29/08
(31) Priority Document No	:201010586285.3
(32) Priority Date	:03/12/2010
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2011/083376
Filing Date	:02/12/2011
(87) International Publication No	:WO 2012/072041
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)RUAN Shudong

2)ZHANG Kaixiang

3)CHEN Dexian

(57) Abstract :

Provided is a method a system and a device for displaying a page. In the present method a page parsing server is pre installed on a server. According to the method: A said page parsing server captures an original page that corresponds to a URL request transmitted by a mobile terminal executes the JS on the original page and generates a resulting page; B said page parsing server adds JS node attributes to the resulting page and then transmits said page to the mobile terminal and the mobile terminal fills in a JS request protocol packet according to a JS event triggered by a user and to said JS node attributes; C said page parsing server executes the JS event according to the JS request protocol packet transmitted by the mobile terminal and transmits to the mobile terminal the page after JS event execution.

No. of Pages : 20 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3248/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : OPTICAL DISK RETRIEVAL DEVICE AND METHOD

(51) International classification :G11B17/12
(31) Priority Document No :2010241633
(32) Priority Date :28/10/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/003567
Filing Date :22/06/2011
(87) International Publication No :WO 2012/056613
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)NAKANO Shoji

(57) Abstract :

The optical disk retrieval device according to the present invention retrieves a stacked plurality of optical disks by separating them sequentially one by one from the top the device comprising a base for stacking the plurality of optical disks a raising means for raising the top optical disk from among the stacked plurality of optical disks a separating member that is capable of applying a force to an inside wall of a hole of a plate like member with the hole and a separating member elevating means that moves the separating member in the vertical direction wherein the raising means raises the top optical disk upward the separating member elevating means separates the plate like member by passing the separating member downward through the inner circumference hole of the top optical disk that was raised by the raising means and applying force to the inside wall of the hole of the plate like member which attaches directly under the top optical disk by the separating member.

No. of Pages : 55 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2822/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : HYDROCARBON CONVERSION CATALYST COMPOSITION

(51) International classification :B01J29/70
(31) Priority Document No :10306165.1
(32) Priority Date :25/10/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/068345
Filing Date :20/10/2011
(87) International Publication No :WO 2012/055759
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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2)HUVÉ Laurent Georges
3)JONGKIND Hermanus
4)KLAZINGA Aan Hendrik
5)RIGUTTO Marcello Stefano**

(57) Abstract :

A hydrocarbon conversion catalyst composition which comprises ZSM 48 and/or EU 2 zeolite particles and refractory oxide binder essentially free of alumina in which the average aluminium concentration of the ZSM 48 and/or EU 2 zeolite particles is at least 1.3 times the aluminium concentration at the surface of the particles processes for preparing such catalyst compositions and processes for converting hydrocarbon feedstock with the help of such compositions.

No. of Pages : 17 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/04/2013

(21) Application No.2823/CHENP/2013 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : DIAZENIUMDIOLATE HETEROCYCLIC DERIVATIVES

(51) International classification :A01N33/26,A61K31/655
(31) Priority Document No :61/408012
(32) Priority Date :29/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/057641
Filing Date :25/10/2011
(87) International Publication No :WO 2012/058203
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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8)YAN Lin

9)SHAH Shrenik K.

10)DELLUREFICIO James

11)WANG Jun

(57) Abstract :

A compound having the structure: useful for treating hypertension Pulmonary Arterial Hypertension (PAH) congestive heart failure conditions resulting from excessive water retention cardiovascular disease diabetes oxidative stress endothelial dysfunction cirrhosis pre eclampsia osteoporosis or nephropathy.

No. of Pages : 102 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3040/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : MATCHED PAIR TRANSISTOR CIRCUITS

(51) International classification :G01N27/403

(31) Priority Document No :61/386403

(32) Priority Date :24/09/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/042668

Filing Date :30/06/2011

(87) International Publication No :WO 2012/039812

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)Fife Keith Glen

(57) Abstract :

An array of sensors arranged in matched pairs of transistors with an output formed on a first transistor and a sensor formed on the second transistor of the matched pair. The matched pairs are arranged such that the second transistor in the matched pair is read through the output of the first transistor in the matched pair. The first transistor in the matched pair is forced into the saturation (active) region to prevent interference from the second transistor on the output of the first transistor. A sample is taken of the output. The first transistor is then placed into the linear region allowing the sensor formed on the second transistor to be read through the output of the first transistor. A sample is taken from the output of the sensor reading of the second transistor. A difference is formed of the two samples.

No. of Pages : 34 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3041/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHODS AND APPARATUS TO DISPLAY PROCESS CONTROL DEVICE INFORMATION

(51) International classification :G05B19/042

(31) Priority Document No :12/890289

(32) Priority Date :24/09/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/052570

Filing Date :21/09/2011

(87) International Publication No :WO 2012/040337

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)PERRY Dale Henry

(57) Abstract :

Example methods and apparatus to display process control information are disclosed. A disclosed example method includes receiving a conditional device parameter in a processor from a process control device determining if functionality associated with the process control device is available wherein the conditional device parameter indicates if the functionality is available and displaying the conditional device parameter within a graphic via a user interface if the functionality is available.

No. of Pages : 53 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3112/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :22/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : NOVEL TRANSAMINASE SHOWING HIGH ACTIVITY FOR GLUTAMIC ACID GENE ENCODING SAME AND METHOD FOR UTILIZATION THEREOF

(51) International classification	:C12N15/09
(31) Priority Document No	:2010216546
(32) Priority Date	:28/09/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/072237
Filing Date	:28/09/2011
(87) International Publication No	:WO 2012/043653
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)NISHI Akiko
3)KAWANO Shigeru
4)YASOHARA Yoshihiko

(57) Abstract :

Provided is a method for economically and efficiently producing an optically active amino compound which is useful as an intermediate for drugs pesticides and so on from a ketone compound. A novel polypeptide having a transaminase activity said polypeptide showing a higher activity for glutamic acid than for L alanine as an amino donor and forming (S)1 benzyl 3 pyrrolidinone at a high optical purity of 93% or greater a gene encoding the polypeptide and a transformant highly expressing the gene.

No. of Pages : 89 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3268/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : OUTDOOR UNIT FOR REFRIGERATION DEVICE

(51) International classification :F25B1/00,F24F11/02,F25B13/00
(31) Priority Document No :2010221725
(32) Priority Date :30/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/071607
Filing Date :22/09/2011
(87) International Publication No :WO 2012/043376
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KIBO Kousuke
3)KASAHARA Shinichi

(57) Abstract :

Provided is an outdoor unit for a refrigeration device the outdoor unit being configured so that when the total amount of air supplied by the outdoor fans is reduced a reduction in the total amount of air obtained by outdoor fans and passing through the outdoor heat exchanger is minimized. An outdoor unit for a refrigeration device is provided with: an outdoor heat exchanger (23); a first outdoor fan (28a) and a second outdoor fan (28b) which generate airflow passing through the outdoor heat exchanger (23); and a fan control unit. When a small amount of air is required the fan control unit changes from a first operation state to a second operation state the first operation state being a state in which the first outdoor fan (28a) and the second outdoor fan (28b) operate the second operation state being a state in which the operation of the first outdoor fan (28a) is continued and the supply of electric power to the second outdoor fan (28b) is cut off. Also after changing to the second operation state the fan control unit performs fan on/off control for turning on and turning off the supply of electric power to both the first outdoor fan (28a) and the second outdoor fan (28b) on the basis of the monitoring of the values of electric currents relating to a timer and the fan motors or on the basis of the monitoring of the speed of the fans.

No. of Pages : 52 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2914/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : MACHINE FOR PROCESSING SHEET MEMBERS INCLUDING A CHAIN SET TENSIONER

(51) International classification :B65H 29/04

(31) Priority Document No :10010183.1

(32) Priority Date :22/09/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/004534
Filing Date :08/09/2011

(87) International Publication No :WO 2012/038035
A1

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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1)CUENNET Ludovic

2)MORELLI Sandro

3)REBEAUD Jean Claude

(57) Abstract :

The invention relates to a machine for processing sheet members (10) including chain sets (80) and at least one tensioning device (50) that generates a tensile force in said chain sets. According to the invention the chain set tensioning device includes a driving member (51) capable of generating a variable force (Fv) the intensity of which depends on the instantaneous pace of the machine. The wear of the chain sets (80) can be substantially reduced and the lifespan thereof is substantially lengthened.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3162/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :22/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : MEETING A COMMUNICATION RESTRICTION REQUIREMENT IN A PROCESS CONTROL SYSTEM

(51) International classification :G05B19/418,H04W16/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/066177
Filing Date :26/10/2010
(87) International Publication No :WO 2012/055430 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)SECELEANU Tiberiu
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(57) Abstract :

An industrial process control system (10) comprises a process control device (12) a first wireless communication network (11) a second wireless communication network (27) and a first group of wireless field devices (16 18 20 22 24 26) interfacing the industrial process and being associated with the first network. The network supervisor device investigates if the field devices of the first group are able to communicate with the process control device via the first network while meeting a communication restriction requirement (T) and redirects in case the requirement is not met communication between some of the field devices in the first group and the process control device to the second network so that the requirement is met for a first part (16 18 20) of the field devices using the first wireless communication network and for a second part (22 24 26) of the field devices using the second wireless communication network.

No. of Pages : 41 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3243/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : INDOLE DERIVATIVES AND PROCESS FOR THEIR PREPARATION

(51) International classification :C07D209/20,A61K31/405,A61P25/00

(31) Priority Document No :61/407924

(32) Priority Date :29/10/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/EP2011/068820
Filing Date :27/10/2011

(87) International Publication No :WO 2012/055945

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)ABEL Ulrich

(57) Abstract :

11 621 63 123451 661 61 627Substituted indole derivatives of formula (I) wherein the radicals have e. g. the following meaning: R is hydrogen C alkyl R is hydrogen C alkyl or cycloC alkyl; R is OR R is hydrogen or halogen R is hydrogen C alkyl R is hydrogen C alkyl R is hydrogen or C alkyl; X is a group C(O)CH or CH=CH ; R is hydrogen are potent inhibitors of Abeta peptide polymerization and can be used for the treatment of e.g. Alzheimers disease or ocular disorders.

No. of Pages : 54 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3317/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : ELECTRONIC DEVICE

(51) International classification :H04R3/00,H04R17/00
(31) Priority Document No :2010245672
(32) Priority Date :01/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/005067
Filing Date :09/09/2011
(87) International Publication No :WO 2012/060043
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)MURATA Yukio
5)KURODA Jun
6)SATO Shigeo

(57) Abstract :

This electronic device (100) is provided with: a video projection unit that projects a video screen (14); an oscillation device that oscillates ultrasonic waves (26) for replaying audio and ultrasonic waves (24) for a sensor towards the video screen (14); a control unit that controls the oscillation device; and a sound wave detection unit that is connected to the control unit. The sound wave detection unit detects the ultrasonic waves (24) for the sensor that have reflected from the video screen (14). Also the control unit adjusts the sound pressure of the replayed sound on the basis of the detection strength of the sound wave detection unit. As a result it is possible to reduce the power consumption of the electronic device.

No. of Pages : 25 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3319/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : ROTATING ELECTRICAL MACHINE

(51) International classification :H02P29/02

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/JP2010/072262

Filing Date :10/12/2010

(87) International Publication No :WO 2012/077233

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)NAKAJIMA Dai

3)FUJITA Masahiko

(57) Abstract :

To be obtained in the present invention is a rotating electrical machine that can be made more compact. The rotating electrical machine is provided with: a stator (2) comprising an armature winding (9); a rotor (3) installed rotatably inside the stator (2); a power circuit unit (18) that comprises semiconductor switching elements for the power circuit and that is for supplying current to the armature winding (9); and a control circuit board (6) to which a current supply permission time corresponding to the rotation speed of the rotor (3) is set and which controls the supplying of current by the power circuit unit (18). The control circuit board (6) stops the supplying of current by the power circuit unit (18) when the accumulated time of current supplying to the armature winding (9) exceeds the current supply permission time.

No. of Pages : 30 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2888/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :15/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : CLEANING SYSTEM FOR CLEANING PARABOLIC TROUGH COLLECTOR PLANTS AND CLEANING METHOD USING SAID SYSTEM

(51) International classification	:F24J2/46
(31) Priority Document No	:P201130389
(32) Priority Date	:18/03/2011
(33) Name of priority country	:Spain
(86) International Application No	:PCT/EP2012/000745
Filing Date	:14/02/2012
(87) International Publication No	:WO 2012/126559
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)VICENTE PE'A Carlos Javier

2)MASSABE MU'OZ Francesc

3)VILLA NAVARRO Jos Ram'n

4)GARRIDO ORTIZ Soledad

(57) Abstract :

The present invention relates to a cleaning system for cleaning parabolic trough collector plants made up of cleaning vehicles (5) with moving means (7) cleaning means and operating means thereof. The cleaning vehicles (5) are autonomous and independent of one another and have navigation means (11 12) guiding and steering the cleaning vehicle (5) in its movement along the plant. The navigation means are made up of a relative navigation system with an inertial unit and distance sensors (12) which measure the distance of the cleaning vehicle (5) to the parabolic trough collector (1) and an absolute navigation system with a GPS positioning sub system. A control system integrates and controls the cleaning means operating means moving means (7) and navigation means (11 12) of the cleaning vehicles (5).

No. of Pages : 23 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3171/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : ELECTRIC WIRE OR CABLE

(51) International classification :H01B7/00,H01B1/02
(31) Priority Document No :2010238196
(32) Priority Date :25/10/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/075018
Filing Date :25/10/2011
(87) International Publication No :WO 2012/057348
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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1088333 Japan
(72)Name of Inventor :
1)ISHIBASHI Kenichi
2)MOCHIDUKI Kazumi
3)KONDO Yasunobu

(57) Abstract :

An electric wire 1 includes a conductor 2 having electric conductivity and an insulating insulator 3 which covers the conductor 2. The conductor 2 is a compact conductor and is formed by twisting together plural aluminum alloy wires 4. Further the conductor 2 is a compact conductor and is formed so as to have a predetermined conductor outer diameter D while compressing plural aluminum alloy wires 4. The conductor 2 is formed with a conductor twist pitch P of 7 to 36 times the conductor outer diameter D . In the aluminum alloy wires 4 the composition of the aluminum alloy before formation thereof contains Fe Zr and Si. Further the composition of the aluminum alloy contains at least one of Cu and Mg and the remainder is Al and unavoidable impurities.

No. of Pages : 67 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3326/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : SHEET WAFER PROCESSING AS A FUNCTION OF WAFER WEIGHT

(51) International classification :H01L31/18,C30B29/06,C30B15/00
(31) Priority Document No :61/388920
(32) Priority Date :01/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/054183
Filing Date :30/09/2011
(87) International Publication No :WO 2012/044914
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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01752 U.S.A.
(72)Name of Inventor :
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2)SIMPSON Gerald A. Jr.
3)HAMMA Soumana
4)YAMARTINO Stephen

(57) Abstract :

A method and apparatus for forming a sheet wafer melts feedstock material in a crucible that is part of a crystal growth furnace passes a plurality of filaments through the crucible to form a sheet wafer and cuts a portion of the sheet wafer to form a smaller sheet wafer. The method and apparatus then determine the weight of the smaller sheet wafer and control the temperature of the melted feedstock material (e.g. by controlling crucible temperature or by interfacing with another temperature control system) as a function of the determined weight.

No. of Pages : 28 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3328/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD FOR THE PREPARATION OF A CATALYSED PARTICULATE FILTER AND CATALYSED PARTICULATE FILTER

(51) International classification :B01J23/44,B01J29/76,B01J29/85	(71)Name of Applicant :
(31) Priority Document No :PA201000991	1)HALDOR TOPS~E A/S
(32) Priority Date :02/11/2010	Address of Applicant :Nym,llevej 55 DK 2800 Kgs. Lyngby
(33) Name of priority country :Denmark	Denmark
(86) International Application No :PCT/EP2011/003258	(72)Name of Inventor :
Filing Date :01/07/2011	1)JOHANSEN Keld
(87) International Publication No :WO 2012/059145	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

Method for the preparation of a catalysed particulate filter and a particulate filter prepared by the method.

No. of Pages : 14 No. of Claims : 11

(54) Title of the invention : FUEL SUPPLY UNIT

(51) International classification :F02M37/10,F02M37/00,F02M37/04
 (31) Priority Document No :2010243198
 (32) Priority Date :29/10/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/069447
 Filing Date :29/08/2011
 (87) International Publication No :WO 2012/056805
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
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1)TAMURA Shinji
2)MISHIMA Motohiro

(57) Abstract :

A fuel supply unit (10) is provided with: a base member (14) affixed to the bottom wall of a fuel tank (12); a holder (16) connected to the base member (14); and a fuel pump (18) provided within the holder (16). The base member (14) has formed thereon a suction pipe (28) into which fuel is sucked and a discharge pipe (30) from which the fuel is discharged. The fuel suction section (64) of the fuel pump (18) is inserted into the suction path (32) of the suction pipe (28) through an adapter (62). The connection section (46) of the holder (16) is inserted into the discharge path (34) of the discharge pipe (30). Due to the fuel pump (18) and the holder (16) being provided so as to be able to pivot relative to each other about the fuel discharge section (66) of the fuel pump (18) even if the positions of the suction pipe (28) and the discharge pipe (30) which are formed on the base member (14) vary the fuel pump (18) and the holder (16) can be connected by pivoting the fuel pump (18) and the holder (16) relative to each other.

No. of Pages : 35 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3235/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : MULTI RAT MEASUREMENT REPORTING

(51) International classification	:H04W24/10
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2010/067867
Filing Date	:19/11/2010
(87) International Publication No	:WO 2012/065652
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)RESEARCH IN MOTION LIMITED
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(72)**Name of Inventor :**
1)HOLE David Philip
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(57) Abstract :

The present document relates to digital cellular telecommunications systems such as GSM (Global System for Mobile communication) networks. In particular the present document relates to the radio sub system link control implemented in the Mobile Station (MS) Base Station System (BSS) and/or Mobile Switching Centre (MSC) of such digital cellular telecommunications systems. A method (200) for preparing a measurement report on neighbour resources of a multi RAT mobile station (100) is described. The MS (100) supports a plurality of radio access technologies (RATs). The method (200) comprises receiving (201) a plurality of RAT resource reporting values each RAT resource reporting value indicating a number of resources of the corresponding RAT to be included into the measurement report; determining (205) a plurality of lists of valid neighbour resources associated with the plurality of RATs; and including (208) resources from the plurality of lists of valid neighbour resources into the measurement report according to a RAT sequence of the plurality of RATs wherein a second resource of the given RAT is included into the report subject to including a first resource into the measurement report for each of the plurality of RATs for which the RAT resource reporting value is greater than zero.

No. of Pages : 44 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3237/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND DEVICE FOR DETECTING GESTURE INPUTS

(51) International classification :G06F3/01,G06T7/20
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2010/001733
Filing Date :01/11/2010
(87) International Publication No :WO 2012/058782 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)DU Lin

(57) Abstract :

A method is provided for detecting gesture inputs in response to a consecutive reciprocating movement before a detecting device wherein the consecutive reciprocating movement is made of a first type of gesture and a second type of gesture each capable of being recognized by the detecting device to output a different control signal. The method comprises the steps of receiving the consecutive reciprocating movement starting with a first type of gesture among the two types wherein the first type of gesture and the second type of gesture occur alternately and outputting control signals corresponding to the first type of gesture with times number equaling to the number of the first of type gesture contained within the consecutive reciprocating movement.

No. of Pages : 25 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3393/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : TWO FACTOR USER AUTHENTICATION SYSTEM AND METHOD THEREFOR

(51) International classification :G06F21/20,H04L9/32
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2010/067473
Filing Date :05/10/2010
(87) International Publication No :WO 2012/046304
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

PThe present invention provided is a matrix authentication system for two factor authentication in which the risk of authentication information leakage is reduced. A two factor user authentication system using as a password a rule for generating a one time password by applying the rule to a factorn element which is included at a specific position in a presentation pattern included in a presentation pattern and further using the password to authenticate identification information of a client used by a user. An wherein an authentication server dispatches generates a pattern seed value which is a value that combined with client identification information uniquely determines a presentation pattern and sends the pattern seed value to an authentication request client. ;T and the authentication request client generates a presentation pattern on the basis of the client identification information acquired from the authentication server and the received pattern seed value received therefrom displays the presentation pattern and receives from the user the input of a one time password based on the presentation pattern.

No. of Pages : 60 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2955/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :17/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : HYDROCARBON CONVERSION CATALYST COMPOSITION

(51) International classification :B01J29/70

(31) Priority Document No :10306165.1

(32) Priority Date :25/10/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/068329

Filing Date :20/10/2011

(87) International Publication No :WO 2012/055755

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(57) Abstract :

A hydrocarbon conversion catalyst composition which comprises dealuminated ZSM 48 and/or EU 2 zeolite and a refractory oxide binder essentially free of alumina processes for preparing such composition and processes for converting hydrocarbon feedstock with the help of such compositions.

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3085/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :22/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD OF ASSAYING NOBLE METALS

(51) International classification	:G01N30/06
(31) Priority Document No	:10187017.8
(32) Priority Date	:08/10/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2011/054398
Filing Date	:06/10/2011
(87) International Publication No	:WO 2012/046201
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :

Method of assaying noble metals in a mineral and/or ceramic matrix in the content range from 0.03 to 500 mg/kg which comprises the following steps: (a) Dry thermal treatment of a homogenized sample in a reducing atmosphere; (b) Extraction in an oxidizing medium; (c) Atomic spectrometric quantification of the noble metals by means of ICP QMS.

No. of Pages : 13 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3156/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :22/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND APPARATUS FOR PROCESSING HYBRID AUTOMATIC REPEAT REQUEST PROCESS

(51) International classification	:H04L1/18
(31) Priority Document No	:201010506431.7
(32) Priority Date	:30/09/2010
(33) Name of priority country	:China
(86) International Application No	:PCT/IB2011/002465
Filing Date	:14/09/2011
(87) International Publication No	:WO 2012/042377
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)WORRALL Chandrika

(57) Abstract :

Embodiments of the present invention provide an improved method and apparatus for processing an uplink component carrier hybrid automatic repeat request process. The method comprises: receiving an indication that a downlink component carrier is de activated; stopping receiving a physical hybrid retransmission indicator channel from the de activated downlink component carrier; and stopping processing an uplink component carrier hybrid automatic repeat request process scheduled by the de activated downlink component carrier.

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3306/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : WIRELESS ENERGY TRANSFER VIA COUPLED PARASITIC RESONATORS

(51) International classification :B60L11/18
(31) Priority Document No :61/408508
(32) Priority Date :29/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/058147
Filing Date :27/10/2011
(87) International Publication No :WO 2012/058466
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WIDMER Hanspeter
3)SIEBER Lukas

(57) Abstract :

This disclosure provides systems methods and apparatus for wirelessly transferring power using parasitic resonators. In one aspect a wireless power receiver apparatus for powering or charging an electric vehicle (2412) is provided. The wireless power receiver apparatus includes a receive circuit including a first coil (2416). The receive circuit is configured to wirelessly receive power so as to power or charge or power the electric vehicle. The wireless power receiver apparatus further includes a passive circuit including a second coil (2403). The passive circuit is configured to wirelessly receive power from a transmit circuit including a third coil (2404). The passive circuit is further configured to wirelessly retransmit power received from the transmit circuit to the receive circuit. The wireless power receiver apparatus further includes a controller (2444 2454) configured to displace the second coil (2403) from the first coil (2416) is provided.

No. of Pages : 95 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3640/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :08/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : AIR CONDITIONING DEVICE FOR VEHICLE

(51) International classification	:B60H1/00,B60H1/12	(71)Name of Applicant :
(31) Priority Document No	:2010271945	1)KEIHIN CORPORATION
(32) Priority Date	:06/12/2010	Address of Applicant :26 2 Nishishinjuku 1 chome Shinjuku
(33) Name of priority country	:Japan	ku Tokyo 1630539 Japan
(86) International Application No	:PCT/JP2011/077545	(72)Name of Inventor :
Filing Date	:29/11/2011	1)KAIYAMA Koichi
(87) International Publication No	:WO 2012/077539	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an air conditioning device for a vehicle the air conditioning device being provided with: a case which has therein a mixing region for mixing a first airflow and a second airflow and which also has discharge openings connecting to the mixing region and including a first discharge opening and a second discharge opening; and an airflow distribution adjusting damper adapted to be movable in the mixing region and adjusting the proportion of distribution of airflow to the first and second discharge openings depending on the position of the damper. The airflow distribution adjusting damper is provided with a guide path which leads a part of the second airflow to the first discharge opening without mixing the part of the second airflow with the first airflow. The configuration can reduce a variation in the temperature of conditioning air without increasing the man hours of work for assembling the air conditioning device for a vehicle and without involving an increase in the size of the air conditioning device for a vehicle.

No. of Pages : 25 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3068/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : ELECTRIFICATION MEMBER, PROCESS CARTRIDGE AND ELECTRONIC PHOTOGRAPHIC DEVICE

(51) International classification	:G03G15/02
(31) Priority Document No	:2010215808
(32) Priority Date	:27/09/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/005143
Filing Date	:13/09/2011
(87) International Publication No	:WO 2012/042765
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)KURODA Noriaki
3)TOMOMIZU Yuya

(57) Abstract :

Provided is an electrification member which is not likely to suffer from wear even when in contact with a photoreceptor and which is equipped with a surface layer that is provided with a suitable elasticity to contribute to the formation of a suitable nip with the photoreceptor. The electrification member has a substrate, an elastic layer and a surface layer; the surface layer has Si O Hf bonds and includes macromolecular compounds having structural units represented by formula (1) and structural units represented by formula (2):

No. of Pages : 60 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3290/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : SEAL STRUCTURE FOR JOINT SECTION BETWEEN PATH FORMING MEMBERS

(51) International classification :F02M35/10
(31) Priority Document No :2010250927
(32) Priority Date :09/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/073526
Filing Date :13/10/2011
(87) International Publication No :WO 2012/063592
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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1)GOTO Takashi
2)FUJINO Yuuki

(57) Abstract :

A seal structure for the joint section between path forming members configured in such a manner that a seal member is disposed between a first path forming member and a second path forming member the seal member having a seal section mounted in an endless mounting groove provided in the surface of the first path forming member which is joined to the second path forming member. The seal member (12) is configured so as to integrally have: the seal section (12a); ear sections (12b) protruding sideward along a joint surface (10) from the portions of the seal section (12a) which are separated from each other in the peripheral direction; and protrusions (12c) respectively protruding from the ear sections (12b) in the direction opposite the direction toward a second path forming member (6) so as to be perpendicular to the joint surface (10). The joint surface (10) is provided with: recesses (21) adapted to respectively house the ear sections (12b) and connecting to the mounting groove (19); and press fit holes (22) which each have one end open to the recess (21) and which allow the protrusions (12c) to be press fitted therein. The configuration facilitates the mounting of the seal member prevents a mounting error and provides a uniform tightening allowance over the entire periphery of the seal section.

No. of Pages : 16 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3291/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : BATTERY PACK LOCK STRUCTURE AND ELECTRONIC APPARATUS

(51) International classification :H01M2/10,H04M1/02
(31) Priority Document No :2010243525
(32) Priority Date :29/10/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/074733
Filing Date :26/10/2011
(87) International Publication No :WO 2012/057238
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WATANABE Yoshitaka

(57) Abstract :

The present invention facilitates simply carrying out engaging a lock of a battery pack (12) within a battery pack housing unit (33). A battery lock member (50) comprises: a first incline face which makes sliding contact with a hooking protrusion (32) which is formed to protrude from a lateral face of a battery pack (12) commensurate with an operation of housing the battery pack (12) in a battery pack housing unit (33) thus causing the battery lock member (50) to slide such that the lock engagement is disengaged; and a second incline face which makes sliding contact with a depression protrusion (31) which is formed to protrude from the bottom face of a battery lid (11) commensurate with an operation of attaching the battery lid (11) to a battery lid retaining unit (43) thus causing the battery lock member to slide such that the lock engagement is carried out.

No. of Pages : 38 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3709/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : RESOURCE MANAGEMENT IN A MULTICORE ARCHITECTURE

(51) International classification :G06F15/78,G06F15/80,G06F9/38
(31) Priority Document No :0407384.7
(32) Priority Date :31/03/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/01154
Filing Date :30/03/2005
(87) International Publication No :WO/2005/096143
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :3568/CHENP/2006
Filed on :30/03/2005

(71)Name of Applicant :
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Address of Applicant :2-10-23, SHIN-YOKOHAMA,
KOHOKU-KU, YOKOHAMA-SHI, KANAGAWA 222-0033
Japan
2)SYNOPSYS, INC.
(72)Name of Inventor :
1)LIPPETT, MARK, DAVID

(57) Abstract :

Abstract Resource management in a multicore architecture A resource management and task allocation controller for installation in a multicore processor having a plurality of interconnected processor elements providing resources for processing executable transactions, at least one of said elements being a master processing unit, the controller being adapted to communicate, when installed, with each of the processor elements including the master processing unit, and comprising control logic for allocating executable transactions within the multicore processor to particular processor elements, in accordance with pre-defined allocation parameters.

No. of Pages : 74 No. of Claims : 22

(54) Title of the invention : STABLE SRAM BITCELL DESIGN UTILIZING INDEPENDENT GATE FINFET

(51) International classification :G11C11/412,H01L21/8244,H01L27/11

(31) Priority Document No :12/939,260

(32) Priority Date :04/11/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/059247

Filing Date :04/11/2011

(87) International Publication No :WO 2012/061666 A1

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121 U.S.A.

(72)Name of Inventor :

1)JUNG Seong Ook**2)KANG Mingu****3)PARK Hyunkook****4)SONG Seung Chul****5)ABU RAHAMA Mohamed****6)HAN Beom Mo****7)GE Lixin****8)WANG Zhongze**

(57) Abstract :

Stable SRAM cells utilizing Independent Gate FinFET architectures provide improvements over conventional SRAM cells in device parameters such as Read Static Noise Margin (RSNM) and Write Noise Margin (WNM). Exemplary SRAM cells comprise a pair of storage nodes a pair of bit lines a pair of pull up devices a pair of pull down devices and a pair of pass gate devices. A first control signal and a second control signal are configured to adjust drive strengths of the pass gate devices and a third control signal is configured to adjust drive strengths of the pull up devices wherein the first control signal is routed orthogonal to a bit line direction and the second and third control signals are routed in a direction same as the bit line direction. RSNM and WNM are improved by adjusting drive strengths of the pull up and pass gate devices during read and write operations.

No. of Pages : 33 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3187/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : DERIVATIVE OF EPICHLOROHYDRIN OF NATURAL ORIGIN

(51) International classification :C07D301/26,C07D303/08,C07D303/16
(31) Priority Document No :10183593.2
(32) Priority Date :30/09/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/066689
Filing Date :26/09/2011
(87) International Publication No :WO 2012/041816
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SOLVAY SA
Address of Applicant :Rue de Ransbeek 310 B 1120 Brussels Belgium
(72)Name of Inventor :
1)GILBEAU Patrick

(57) Abstract :

141412 12Derivative of epichlorohydrin of natural origin selected from the group consisting of glycidyl ethers presenting an epoxide equivalent weight higher than or equal to 50 g/equivalent and lower than or equal to 15000 g/equivalent of glycidyl esters of glycidyl amides of glycidyl imides of glycidyl amines and of any mixture thereof and of which the C mass content is such that the ratio C /C is higher than 0.7 10.

No. of Pages : 32 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3262/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :24/12/2008

(43) Publication Date : 11/07/2014

(54) Title of the invention : LEAD BATTERY WITH A BUFFERING STRUCTURE

(51) International classification	:h05k	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KUNG LONG BATTERIES INDUSTRIAL CO., LTD.
(32) Priority Date	:NA	Address of Applicant :NO.244, NAN KANG 3 RD., NAN
(33) Name of priority country	:NA	TOU CITY, NAN TOU HSIEN, TAIWAN R.O.C. Taiwan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHEN, CHIH-HSIUNG
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A lead battery with a buffering structure comprises a battery tank having a plurality of chambers separated by separating boards, the chambers are separated from one another by a buffering space, so as to prevent the occurrence of direct heat transmission between the chambers and further prevent heat accumulation and temperature increase caused by it. The arrangement of the buffering space comparatively reduces the size of the chambers, and naturally, the size of the electrode plates and the amount of the electrolyte used in the chambers will also get smaller, thus saving the production cost and the relatively reducing the future maintenance cost. Furthermore, the arrangement of the buffering space comparatively reduces weight of the battery, making it easier for the user to transport.

No. of Pages : 12 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3812/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : APPARATUS AND METHOD FOR TAKING SAMPLES

(51) International classification :G01N1/20
(31) Priority Document No :10 2010 038 279.5
(32) Priority Date :19/10/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/068159
Filing Date :18/10/2011
(87) International Publication No :WO 2012/052421
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)FLSMIDTH A/S

Address of Applicant :Vigerslev All 77 DK 2500 Valby
Denmark

(72)Name of Inventor :

1)FAUST Horst

(57) Abstract :

The invention relates to an apparatus (1) for taking samples comprising a housing (2) which has a housing chamber (8) with two connection openings (10) for connection of in each case one line section and wherein the apparatus (1) comprises a removal element (13) which is moveable in the housing chamber (8) and is configured at least sectionally in a profile type manner and which bounds a hollow sampling region (19) at its circumference which sampling region extends along a profile longitudinal direction path (16) while leaving an entry opening (21) which extends along an opening longitudinal direction path (20) wherein guide means are provided by means of which a defined movement form of the removal element (13) in the housing chamber (8) is predetermined by means of which movement the total area of at least one of the two opening cross sections (32) in a projection view that is perpendicular thereto by means of the entry opening (21) can be navigated. The invention proposes that as a consequence of the movement form specified by the guide means an orientation of the removal element (13) in a viewing plane which moves with the removal element relative to a geometric intersecting line of the viewing plane with an unmoving geometric reference plane which extends perpendicular to the viewing plane and to at least one opening cross section (32) remains the same when the removal element (13) is moved.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3630/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :08/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : SEPARATING AGENT FOR CHROMATOGRAPHY

(51) International classification :G01N30/88,B01J20/281,B01J20/30
(31) Priority Document No :2010230433
(32) Priority Date :13/10/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/073415
Filing Date :12/10/2011
(87) International Publication No :WO 2012/050124
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Osaka 5300001 Japan
(72)Name of Inventor :
1)NISHIHARA Keiji
2)ISHII Junichi

(57) Abstract :

Provided is a separating agent for chromatography useful for the separation of a specific compound such as optical resolution of amino acid the separating agent having a higher productivity and containing binaphthyl that has a crown ether like cyclic structure and an optical activity. Provided is a specific separating agent for chromatography which contains binaphthyl having a crown ether like cyclic structure and an optical activity by introducing a carrier linking group into a specific 1 1 binaphthyl derivative that is commercially available and has substituents at positions 2 2 3 and 3 then introducing a crown ether like cyclic structure and then chemically binding the binaphthyl derivative and carrier by using the carrier linking group.

No. of Pages : 46 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3631/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :08/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : DEVICE FOR THERMALLY TREATING MULTIPLE THREADS

(51) International classification :D02J13/00
(31) Priority Document No :10 2010 048 392.3
(32) Priority Date :13/10/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/067631
Filing Date :10/10/2011
(87) International Publication No :WO 2012/049113
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)OERLIKON TEXTILE GMBH & CO. KG
Address of Applicant :Leverkuser Strasse 65 42897
Remscheid Germany
(72)Name of Inventor :
1)OBERSTRA Detlef
2)CONRAD Stefan

(57) Abstract :

The invention relates to a device for thermally treating multiple threads in a textile machine preferably in a texturing machine. The device comprises a heating unit having a plurality of heatable heating channels for heating and guiding the threads and an exhaust unit for exhausting the heating channels which has a plurality of suction lines that are associated with the heating channels of the heating unit. According to the invention the heating channels of the heating unit are formed in one or more heating groups wherein the heating group of the heating channels and the associated suction lines of the exhaust unit are combined on a common carrier to form a compact assembly. This results in short suction lines having substantially equal suction action.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4066/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :24/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : NETWORK DEVICE CALLED TERMINAL AND METHOD FOR PROCESSING THIRD PARTY CALL

(51) International classification	:H04M3/42
(31) Priority Document No	:201010545671.8
(32) Priority Date	:16/11/2010
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2011/081532
Filing Date	:29/10/2011
(87) International Publication No	:WO 2012/065509
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :Building B2 Huawei Industrial Base
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(72)**Name of Inventor :**
1)ZHANG Linlin

(57) Abstract :

Disclosed are a method for a network device to process a third party call a method for a called terminal to process a third party call a network device and a called terminal which are applied to the situation that a called terminal is in a call when a third party initiates a call. The method comprises: the network device extracting a calling phone number of the third party and informing the called terminal of the calling phone number of the third party the called terminal having subscribed to a call waiting service; and the network device receiving a processing suggestion returned by the called terminal and on the third party call and processing the third party call according to the processing suggestion on the third party call. Through comparing the priority of the calling phone number of the third party and that of the number of the peer a processing result on the third party call is determined so that the third party call is managed thereby improving user experience while avoiding invalid access.

No. of Pages : 22 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4067/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :24/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : INTERPOLYMER CROSSLINKED GEL AND METHOD OF USING

(51) International classification :C09K8/12,C09K8/512,C09K8/52
(31) Priority Document No :61/418211
(32) Priority Date :30/11/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/062666
Filing Date :30/11/2011
(87) International Publication No :WO 2012/075154
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)PRAD RESEARCH AND DEVELOPMENT LIMITED
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(72)Name of Inventor :
1)MIRAKYAN Andrey
2)SULLIVAN Philip F.
3)HUTCHINS Rick D.
4)LIN Lijun
5)TUSTIN Gary John
6)DROCHON Bruno

(57) Abstract :

Disclosed herein is a gel comprising polyacrylamide crosslinked with a non metallic crosslinker the non metallic crosslinker comprising a polyamine. A method of making the gel and a method of using the gel are also disclosed.

No. of Pages : 44 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4068/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :24/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : DETECTION DEVICE AND METHOD AND PROGRAM

(51) International classification	:G01R22/00,H02J3/38	(71)Name of Applicant :
(31) Priority Document No	:2010267010	1)OMRON Corporation
(32) Priority Date	:30/11/2010	Address of Applicant :801 Minamifudodo cho
(33) Name of priority country	:Japan	Horikawahigashiiru Shiokoji dori Shimogyo ku Kyoto shi Kyoto
(86) International Application No	:PCT/JP2011/056289	6008530 Japan
Filing Date	:16/03/2011	(72)Name of Inventor :
(87) International Publication No	:WO 2012/073533	1)IMAI Hiroshi
(61) Patent of Addition to Application	:NA	2)KAWABATA Yasuhiro
Number	:NA	3)SAMESHIMA Hiroshi
Filing Date	:NA	4)MISUMI Shuichi
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention detects the state of electrical power in a simple and low cost manner. A current transformer (111c) measures current at the commercial power grid side of the connection point between the commercial power grid of a commercial power source and a power generation grid of a solar power generation system which supplies electric power at the same frequency as the commercial power source. A current transformer (111p) measures current at the power generation grid side of the connection point. A determination value calculation unit (132) calculates a determination value on the basis of the product of the measured value of the current from the current transformer (111c) and the measured value of the current from the current transformer (111p). On the basis of the calculated determination value a current direction detection unit (113) detects the direction of the current of the electrical power from the commercial power grid. The present invention could for example be applied to an electrical power measuring system for measuring electrical power inside the home.

No. of Pages : 63 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3400/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING SIGNALS BETWEEN A WALL AND A LEAF FASTENED TO THIS WALL USING HINGES AROUND A HINGE AXIS

(51) International classification	:G08B13/04
(31) Priority Document No	:10 2010 037 943.3
(32) Priority Date	:04/10/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/067003
Filing Date	:29/09/2011
(87) International Publication No	:WO 2012/045659
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
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2)STAUDE KUNSTSTOFFTECHNIK GMBH
(72)Name of Inventor :
1)HERGLOTZ Tibor
2)STEINFELD Ingo
3)STAUDE Wolfgang

(57) Abstract :

Method and apparatus for transmitting signals between a wall (W) and a leaf (F) fastened to this wall (W) using hinges around a hinge axis (S) in which a carrier voltage modulated by the signal to be transmitted is applied to a first signal transmission coil (28 34) arranged on the wall (W) or on the leaf (F) in order to generate a secondary voltage modulated by the transmitted signal in a second signal transmission coil (28 34) arranged on the leaf (F) or on the wall (W) by means of inductive coupling.

No. of Pages : 24 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3401/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : 5-TRIFLUOROMETHYL-4-NITRO-2-ISOXAZOLINE COMPOUNDS AND PREPARING PROCESS THEREFOR

(51) International classification	:C07D261/04	(71)Name of Applicant :
(31) Priority Document No	:2010-246326	1)SUMITOMO CHEMICAL COMPANY LIMITED
(32) Priority Date	:02/11/2010	Address of Applicant :27 1 Shinkawa 2 chome Chuo ku Tokyo
(33) Name of priority country	:Japan	1048260 Japan
(86) International Application No	:PCT/JP2011/074346	(72)Name of Inventor :
Filing Date	:21/10/2011	1)SHIBATA Norio
(87) International Publication No	:WO 2012/060232	2)KAWAI Hiroyuki
	A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided are: a process for preparing 5 trifluoromethyl 4 nitro 2 isoxazoline compounds by a direct trifluoromethylation method; and the compounds. 5 Trifluoromethyl 4 nitro 2 isoxazoline compounds represented by general formula (1) are prepared by reacting a 4 nitro 2 isoxazole compound with (trifluoromethyl)trimethylsilane preferably in a solvent in the presence of both a phase transfer catalyst and a base followed by acid treatment if necessary. In general formula (1) R and R are each independently alkyl alkenyl alkynyl or aryl each being optionally substituted.

No. of Pages : 40 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3832/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : HIGH-STRENGTH STEEL PLATE WITH EXCELLENT FORMABILITY, WARM WORKING METHOD, AND WARM-WORKED AUTOMOTIVE PART

(51) International classification :C22C38/06,C22C38/58,B21D22/20
(31) Priority Document No :2010258152
(32) Priority Date :18/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/076442
Filing Date :16/11/2011
(87) International Publication No :WO 2012/067160
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :10 26 Wakinohama cho 2 chome Chuo ku Kobe shi Hyogo 6518585 Japan
(72)Name of Inventor :
1)KAKIUCHI, DLIJAH
2)MURAKAMI, TOSHIO
3)HATA Hideo
4)ASAI Tatsuya
5)MIZUTA Naoki

(57) Abstract :

RRRRRThis high strength steel plate contains in percentages by mass 0.05 to 0.3% C 1 to 3% Si 0.5 to 3% Mn not more than 0.1% P (including 0%) not more than 0.01% S (including 0%) 0.001 to 0.1% Al and 0.002 to 0.03% N. The remainder has a component composition comprising iron and impurities and has a structure containing in terms of area ratio relative to the entire structure 50 to 90% bainitic ferrite at least 3% retained austenite () 10 to 50% martensite plus the abovementioned and not more than 40% polygonal ferrite (including 0%). The abovementioned has a concentration C (C) of 0.5 to 1.2 mass % and not less than 0.3% of the that is present is surrounded by martensite. Further this high strength steel plate has a strength of not less than 980 MPa and has greater ductility.

No. of Pages : 29 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4304/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : PORTABLE TERMINAL AND COMMUNICATION CONTROL METHOD

(51) International classification :H04M1/73,H04W52/02
(31) Priority Document No :2010-251681
(32) Priority Date :10/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/074775
Filing Date :27/10/2011
(87) International Publication No :WO 2012/063648 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TAKAKI Tetsuya

(57) Abstract :

This portable terminal has: a data analyzer (104) for analyzing the content of a web page received via a base station from a server connected to a network; a display (106) for displaying the web page; and a channel transition controller (105) for adjusting the timing of a transition to a standby state in which power consumption is less than that of the current time in correspondence with the result of the analysis performed by the data analyzer (104).

No. of Pages : 22 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :15/10/2012

(21) Application No.4305/CHE/2012 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : BRAKE DEVICE

(51) International classification	:B60T1/00
(31) Priority Document No	:JP2011-229524
(32) Priority Date	:19/10/2011
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MITSUBISHI HEAVY INDUSTRIES, LTD.

Address of Applicant :16-5, KONAN 2-CHOME, MINATO-KU, TOKYO Japan

(72)Name of Inventor :

1)HIDEKI FURUTANI

(57) Abstract :

A brake device includes: a damper; an advancing and retreating member; a support section; and wedge members. The support section is provided on an opposite side to the wedge members with respect to the advancing and retreating member, and is capable of supporting the advancing and retreating member on an application side in a drive direction. On one of the support section and the advancing and retreating member, there is provided a raised strip section which extends in a braking direction. On the other of the support section and the advancing and retreating member, there is provided a groove section which restricts movement of the raised strip section towards a release side in the drive direction, and restricts movement of the raised strip section to both sides in a widthwise direction orthogonal to the drive direction and the braking direction.

No. of Pages : 29 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3244/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : MULTICHAMBER CONTAINER

(51) International classification	:B05B11/00,B05B11/02
(31) Priority Document No	:202010013855.8
(32) Priority Date	:01/10/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/004849
Filing Date	:28/09/2011
(87) International Publication No	:WO 2012/041495 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SCAPA HOLDING GMBH

Address of Applicant :Mergenthalerallee 10 12 65760

Eschborn Germany

(72)Name of Inventor :

1)GEIBERGER Christoph

(57) Abstract :

The present invention relates to a multichamber container with a container housing (2) comprising at least two chambers (10 12) arranged one above the other for receiving product components and a dosing element (14) which delivers the product components by means of plungers (4 8) which are assigned to the chambers (10 12) and can be moved in the longitudinal axis of the container. The present invention addresses the problem of providing a multichamber container which delivers the product components from the chambers in an improved way. The multichamber container according to the present invention has at least one plunger (4 8) which is in movable engagement with an element extending in the longitudinal axis of the container.

No. of Pages : 37 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3246/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : HEAT STORAGE DEVICE AND AIR CONDITIONER USING SAME

(51) International classification :F28D20/00,F24F5/00,F25B1/00

(31) Priority Document No :2010-223755

(32) Priority Date :01/10/2010

(33) Name of priority country :Japan

(86) International Application No:PCT/JP2011/001135

Filing Date :28/02/2011

(87) International Publication No :WO 2012/042691 A1

(61) Patent of Addition to

Application Number :NA

Filing Date :NA

(62) Divisional to Application

Number :NA

Filing Date :NA

(71)Name of Applicant :

1)PANASONIC CORPORATION

Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
5718501 Japan

(72)Name of Inventor :

1)INOUE Shigeyuki

2)KURISUTANI Hiroharu

3)IMASAKA Toshiyuki

4)SHIMIZU Akihiko

5)YAMAMOTO Noriaki

(57) Abstract :

The present invention is provided with a heat storage material which is liquid and stores heat from a heat source a heat storage tank (2) which holds the heat storage material therein and a heat transfer section (4) which is a wall section for forming the outer shell of the heat storage tank and which transfers heat between the heat source and the heat storage material. The heat storage tank (2) is configured so that the upper end of the heat storage tank (2) is higher than the upper end of the heat transfer section (4) and the configuration enables the capacity of the heat storage material to be increased and at the same time enables the temperature of even the heat storage material which is not in contact with the heat transfer section (4) to be efficiently increased by convection heat transfer.

No. of Pages : 25 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3247/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : SURFACING MATERIAL DEPOSITED METAL AND MEMBER INVOLVING DEPOSITED METAL

(51) International classification	:B23K35/30,B23K9/04	(71)Name of Applicant :
(31) Priority Document No	:2010222861	1)KABUSHIKI KAISHA KOBE SEIKO SHO
(32) Priority Date	:30/09/2010	Address of Applicant :10 26 Wakinohama cho 2 chome Chuo
(33) Name of priority country	:Japan	ku Kobe shi Hyogo 6518585 Japan
(86) International Application No	:PCT/JP2011/005449	(72)Name of Inventor :
Filing Date	:28/09/2011	1)TAKEDA Tsutomu
(87) International Publication No	:WO 2012/042861	2)KOBAYASHI Ryuichi
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A surfacing material comprising 0.2 1.5 mass% of C 0.5 2 mass% of Si 0.5 2 mass% of Mn 20 40 mass% of Cr 2 6 mass% of Mo 0.5 6 mass% of Ni 1 5 mass% of V and 0.5 5 mass% of W with the remainder being Fe and unavoidable impurities.

No. of Pages : 40 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4347/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :18/10/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : CONTROL CONTACT DRIVING SYSTEM

(51) International classification	:H03K19/00	(71)Name of Applicant :
(31) Priority Document No	:11186714.9	1)ABB TECHNOLOGY AG
(32) Priority Date	:26/10/2011	Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050
(33) Name of priority country	:EPO	ZURICH Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NEDYALKO SLAVOV
(87) International Publication No	: NA	2)RAFFAEL SCHNELL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a control contact driving system for a plurality of power semiconductor devices, comprising a current driver unit (1) adapted for providing reference currents for pulling-up and/or pushing-down the control contacts of the power semiconductor devices and a current distributor unit (3) adapted for amplifying and/or distributing the reference currents to the control contacts of the power semiconductor devices, whereby the current distributor unit (3) comprises a pull-up current mirror (2) comprising a plurality of PMOS based transistors and a push-down current mirror (2) comprising a plurality of NMOS based transistors, the first main contacts of all pull-up transistors are connected in parallel to a first voltage source and the first main contacts of all push-down transistors are connected in parallel to a second voltage source having a lower voltage than the first voltage source, the second main contact of a respective pull-up transistor and the second main contact of a respective push-down transistor are connected together and adapted for providing current to a respective control contact of a power semiconductor device, and the control contacts of the pull-up transistors are all connected in parallel to the current driver unit for receiving a pull-up current and the control contacts of the push-down transistors are all connected in parallel to the current driver unit for receiving a push-down current.

No. of Pages : 39 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3109/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :22/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : INTERACTIVE CONTROL OF MULTIPLE INPUT MULTIPLE OUTPUT CONTROL STRUCTURES

(51) International classification :G05B13/04

(31) Priority Document No :12/893670

(32) Priority Date :29/09/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/054008

Filing Date :29/09/2011

(87) International Publication No :WO 2012/050977

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)THE MATHWORKS INC.

Address of Applicant :3 Apple Hill Drive Natick MA 01760

U.S.A.

(72)Name of Inventor :

1)GAHINET Pascal

2)APKARIAN Pierre

3)NOLL Dominikus

(57) Abstract :

Exemplary embodiments allow users to interactively formulate and solve multivariable feedback control problems. For example users can solve problems where a plurality of control elements are distributed over one or more feedback loops and need to be jointly tuned to optimize overall performance and robustness of a control system. Embodiments allow users to specify design requirements and objectives in formats familiar to the user. Embodiments can operate on tunable parameters to solve the control problem in a manner that satisfies the design requirements and/or objectives provided by the user.

No. of Pages : 98 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3183/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : VEHICLE USING COMPRESSED GAS AND CONTROL DEVICE THEREFOR

(51) International classification	:B62M6/00,B62M1/10	(71)Name of Applicant :
(31) Priority Document No	:2011046215	1)PANASONIC CORPORATION
(32) Priority Date	:03/03/2011	Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
(33) Name of priority country	:Japan	5718501 Japan
(86) International Application No	:PCT/JP2012/001273	(72)Name of Inventor :
Filing Date	:24/02/2012	1)ASAI Katsuhiko
(87) International Publication No	:WO 2012/117708	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided are a power device capable of detecting an abnormality such as a crack or the like at an early stage by assessing leakage of compressed gas regularly and a vehicle using the power device. Provided is a vehicle that travels using an air engine having a gas machine the vehicle being provided with a control device comprising: an adjustment unit for controlling the output of the gas machine to a target output; a pressure measurement unit for measuring the pressure of a compressed gas in a piping section of the air engine; and an assessment unit for assessing a state of leakage of the compressed gas on the basis of a change in the pressure measured by the pressure measurement unit each time the target output of the gas machine becomes approximately zero. When the target output of the gas machine changes from approximately zero during the assessment the control device stops the assessment of the state of leakage.

No. of Pages : 43 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3186/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : PROCESS FOR RECOVERING BROMINATED STYRENE BUTADIENE COPOLYMERS FROM A BROMINATION REACTION SOLUTION

(51) International classification	:C08F8/20,C08C19/12	(71)Name of Applicant :
(31) Priority Document No	:61/388265	1)DOW GLOBAL TECHNOLOGIES LLC
(32) Priority Date	:30/09/2010	Address of Applicant :2040 Dow Center Midland MI 48674
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/052116	(72)Name of Inventor :
Filing Date	:19/09/2011	1)HULL John Wesley
(87) International Publication No	:WO 2012/044483	2)KING Bruce A.
(61) Patent of Addition to Application	:NA	3)KRAM Shari Lynn
Number	:NA	4)KEIFER Joseph J.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Brominated styrene butadiene copolymers are recovered from solutions in a halogenated solvent by an anti solvent precipitation process. The precipitation process is performed by adding the anti solvent to the brominated styrene butadiene copolymer solution. By performing the precipitation using this specific order of addition a denser product is obtained that is easier to dry. The recovered product shows a reduced tendency to act as a nucleating agent when it is used as a flame retardant additive in an extrusion foaming process.

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4380/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : VARIABLE SPEED DRIVE PROVIDED WITH A SUPERCAPACITOR MODULE

(51) International classification :H02P27/06,H02J7/00,H02M7/00
(31) Priority Document No :1059357
(32) Priority Date :15/11/2010
(33) Name of priority country :France
(86) International Application No :PCT/EP2011/068452
Filing Date :21/10/2011
(87) International Publication No :WO 2012/065806
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SCHNEIDER TOSHIBA INVERTER EUROPE SAS
Address of Applicant :33 rue Andr Blanchet F 27120 Pacy sur
Eure France
(72)Name of Inventor :
1)BARAUNA Allan Pierre

(57) Abstract :

The invention relates to a variable speed drive (1) comprising: a DC power supply bus provided with a positive line (10) and a negative line (11); a bus capacitor (Cb) connected between the positive line (10) and the negative line (11) of the DC power supply bus; an inverter module (13) supplied with power by the DC power supply bus and controlled so as to provide a variable voltage to an electrical load (C); a first switching branch (100) connected between the positive line (10) and the negative line (11) of the bus and including at least one first electronic switch (T1); and a first module (M1) comprising a braking resistor or a second module (M2) comprising a means for storing and regenerating the electrical energy generated during the braking of the electrical load (C) wherein the first module and the second module are removable and interchangeable.

No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3324/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : MODIFIED HYDROCYANINE DYES FOR THE DETECTION OF REACTIVE OXYGEN SPECIES

(51) International classification	:A61Q5/10,A61K8/41	(71)Name of Applicant :
(31) Priority Document No	:61/409300	1)LIFE TECHNOLOGIES CORPORATION
(32) Priority Date	:02/11/2010	Address of Applicant :5791 Van Allen Way Carlsbad
(33) Name of priority country	:U.S.A.	California 92008 U.S.A.
(86) International Application No	:PCT/US2011/058806	(72)Name of Inventor :
Filing Date	:01/11/2011	1)KANG Hee Chol
(87) International Publication No	:WO 2012/061403	2)GEE Kyle
(61) Patent of Addition to Application	:NA	3)MANDAVILLI Bhaskar
Number	:NA	4)YING Lai Qiang
Filing Date	:NA	5)BRANCHAUD Bruce
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT Described herein are compounds compositions methods and kits for detecting reactive oxygen species (ROS) by conventional fluorescence microscopy fluorescence spectroscopy flow cytometry and/or high content imaging. The compounds disclosed herein are novel reduced dyes including Cy based hydrocyanine dyes and Cy based deuterocyanine dyes which dyes are probes for detecting ROS and measuring oxidative stress in cells either in vitro and/or in vivo. Also described herein are processes for preparing novel reduced dyes i.e. ROS probes for use in the disclosed compositions methods and kits.

No. of Pages : 84 No. of Claims : 33

(54) Title of the invention : ADHESIVE COMPOSITION ADHESIVE SHEET AND SEMICONDUCTOR DEVICE USING THE ADHESIVE COMPOSITION OR THE ADHESIVE SHEET

(51) International classification :C09J179/08,C09J7/00,C09J11/04
 (31) Priority Document No :2010268017
 (32) Priority Date :01/12/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/077305
 Filing Date :28/11/2011
 (87) International Publication No :WO 2012/073851
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)TORAY INDUSTRIES INC.

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(72)Name of Inventor :

1)SHIMADA Akira

2)SHINBA Yoichi

3)NONAKA Toshihisa

(57) Abstract :

The purpose of the present invention is to provide an adhesive composition which has high thermal conductivity and excellent adhesion and wherein dispersibility of a thermally conductive filler is controlled. The adhesive composition is configured to contain (A) a soluble polyimide (B) an epoxy resin and (C) a thermally conductive filler. The adhesive composition is characterized in that the soluble polyimide (A) contains a structure represented by general formula (1) as a component derived from a diamine and the amount of the thermally conductive filler (C) contained in the adhesive composition is not less than 60% by volume. (In general formula (1) X represents an integer of 1 10 (inclusive) and n represents an integer of 1 20 (inclusive).)

No. of Pages : 83 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4412/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : SYSTEM AND METHOD FOR CAMERA CONTROL IN A SURVEILLANCE SYSTEM

(51) International classification :H04N7/18

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2010/056691

Filing Date :15/11/2010

(87) International Publication No :WO 2012/067603 A1

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)INTERGRAPH TECHNOLOGIES COMPANY

Address of Applicant :2215 B Renaissance Drive Suite #14

Las Vegas Nevada 89119 U.S.A.

(72)Name of Inventor :

1)ESTES Andrew D.

2)FREDERICK Johnny E.

(57) Abstract :

A method and a system for calibrating a camera in a surveillance system. The method and system use a mathematical rotation between a first coordinate system and a second coordinate system in order to calibrate a camera with a map of an area. In some embodiments the calibration can be used to control the camera and/or to display a view cone on the map.

No. of Pages : 57 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4413/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : BENZODIAZEPINE DERIVATIVES COMPOSITIONS AND METHODS FOR TREATING COGNITIVE IMPAIRMENT

(51) International classification	:A61K31/55
(31) Priority Document No	:61/413975
(32) Priority Date	:15/11/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/060840
Filing Date	:15/11/2011
(87) International Publication No	:WO 2012/068149
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AGENEBIO INC.
Address of Applicant :351 West 10th Street Indianapolis IN 46202 U.S.A.
(72)**Name of Inventor :**
1)LOWE John A. III

(57) Abstract :

Ae.gThis invention relates to benzodiazepine derivatives compositions comprising therapeutically effective amounts of those benzodiazepine derivatives and methods of using those derivatives or compositions in treating central nervous system (CNS) disorders with cognitive impairment that are responsive to agonists of $\alpha 5$ subunit containing GABA receptor . age related cognitive impairment Mild Cognitive Impairment (MCI) dementia Alzheimer s Disease(AD) prodromal AD post traumatic stress disorder (PTSD) schizophrenia and cancer therapy related cognitive impairment.

No. of Pages : 94 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4414/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : ROTARY PISTON PUMP AND HOUSING HALF SHELL FOR SAME

(51) International classification	:F04C2/08
(31) Priority Document No	:20 2010 015 439.1
(32) Priority Date	:16/11/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/070229
Filing Date	:16/11/2011
(87) International Publication No	:WO 2012/066026
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HUGO VOGELSANG MASCHINENBAU GMBH
Address of Applicant :Holthge 10 14 49632 Essen Germany
(72)**Name of Inventor :**
1)VOGELSANG Hugo
2)KRAMPE Paul

(57) Abstract :

The invention relates to a rotary piston pump for conveying a fluidic medium containing solids said pump comprising an inlet and an outlet for the medium to be conveyed a pump housing and two rotary pistons with meshing rotary piston vanes said pistons being located in the pump housing. According to the invention the pump housing has two housing half shells that lie opposite one another and seal the pump housing in a fluid tight manner. The housing half shells are double walled.

No. of Pages : 21 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3177/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : STEERING GEAR WITH ELECTRIC MOTOR CONTROL UNIT AND SENSOR ARRANGEMENT AND ELECTRIC POWER STEERING SYSTEM EQUIPPED THEREWITH

(51) International classification	:B62D5/04
(31) Priority Document No	:10 2010 041 744.0
(32) Priority Date	:30/09/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/065805
Filing Date	:13/09/2011
(87) International Publication No	:WO 2012/041693
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ZF LENKSYSTEME GMBH

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Schwbisch Gm¹/₄nd Germany

(72)Name of Inventor :

1)BIEBER J¹/₄rgen

2)BUDAKER Martin

3)KHNH-FER Thomas

(57) Abstract :

The invention relates to a steering gear (100) which has a screw pinion (worm 130) and a screw wheel (worm wheel 140) which are arranged in the gear housing (110) and which are driven by an electric motor (190) wherein a control unit (200) and a sensor arrangement (220) connected to said control unit are also arranged in or on the steering gear in order to detect and control the rotor position and/or rotation of the rotor of the electric motor. It is proposed that the drive input side portion (131) of the shaft (13) of the worm (130) extends in the axial direction and projects out of the gear housing (110) wherein the projecting end of the drive input side portion (131) is formed as a rotor shaft (19) of the electric motor (190) and that the control unit (200) and/or the sensor arrangement (210) are arranged on the gear housing (110). The control unit (200) and the sensor arrangement (210) are preferably arranged on different portions of the transmission housing (110). A very compact cheap and flexible design can thereby be realized.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3332/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : MODELING AND MANUFACTURING OF DENTURES

(51) International classification	:A61C13/00,A61C13/10	(71) Name of Applicant : 1)3SHAPE A/S
(31) Priority Document No	:PA 2010 00893	Address of Applicant :Holmens Kanal 7 4 DK 1060
(32) Priority Date	:01/10/2010	Copenhagen K Denmark
(33) Name of priority country	:Denmark	(72) Name of Inventor :
(86) International Application No	:PCT/DK2011/050370	1)FISKER Rune
Filing Date	:30/09/2011	
(87) International Publication No	:WO 2012/041329	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a method for modeling and manufacturing a denture for a patient where the denture comprises a gingival part and artificial teeth wherein the method comprises: providing a 3D scan comprising at least part of the patient's oral cavity; virtually modeling at least part of the denture using the 3D scan; obtaining virtual teeth to represent the artificial teeth; virtually modeling at least one of the virtual teeth to obtain a set of modeled virtual teeth; manufacturing the modeled virtual teeth in a first material; manufacturing the gingival part in a second material; and manufacturing at least part of the denture by means of computer aided manufacturing (CAM).

No. of Pages : 67 No. of Claims : 92

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4110/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : PLANT EXPRESSION SYSTEM

(51) International classification :C12N15/82,C12N15/00,C12N15/44

(31) Priority Document No :61/410241

(32) Priority Date :04/11/2010

(33) Name of priority country:U.S.A.

(86) International Application No :PCT/CA2011/001228

Filing Date :03/11/2011

(87) International Publication No :WO 2012/058762

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)MEDICAGO INC.

Address of Applicant :1020 Route de l'Eglise Suite 600 Quebec
Qubec G1V 3V9 Canada

(72)Name of Inventor :

1)DAOUST Marc Andre

2)LAVOIE Pierre Olivier

3)VEZINA Louis Philippe

(57) Abstract :

A plant expression system and methods for expressing a protein of interest in a plant are provided. The plant expression system comprises a first nucleic acid sequence regulatory region sequence operatively linked with a one or more than one comovirus enhancer a nucleotide sequence of interest one or more than one geminivirus amplification elements and a second nucleic acid encoding a geminivirus replicase. The method of producing a protein of interest in a plant involves introducing the plant expression system into a plant or portion of the plant and incubating the plant or the portion of the plant under conditions that permit the expression of the nucleotide sequence and producing the protein of interest.

No. of Pages : 115 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4417/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD OF PRODUCING A SHAPED AL ALLOY PANEL FOR AEROSPACE APPLICATIONS

(51) International classification :C22C21/06,C22F1/047,B64C1/00

(31) Priority Document No :10195118.4

(32) Priority Date :15/12/2010

(33) Name of priority country :EPO

(86) International Application
No :PCT/EP2011/068966

Filing Date :28/10/2011

(87) International Publication
No :WO 2012/079828 A1

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ALERIS ROLLED PRODUCTS GERMANY GMBH

Address of Applicant :Carl Spaeter Strae 10 56070 Koblenz
Germany

(72)Name of Inventor :

1)KAMP Arjen

2)SPANGEL Sabine Maria

(57) Abstract :

The invention relates to a method of producing a shaped aluminium alloy panel preferably for aerospace or automotive applications from 5000 series alloy sheet the method comprising the steps of: providing a sheet made of 5000 series alloy having a thickness of about 0.05 to 10mm and a length in the longest dimension of at least 800mm; and stretch forming the sheet at a forming temperature between 100°C and 25°C to obtain a shaped aluminium alloy panel. The invention is also directed to a shaped article formed by the above method.

No. of Pages : 22 No. of Claims : 13

(54) Title of the invention : USE OF SUPPORTED IONIC LIQUID PHASE (SILP) CATALYST SYSTEMS IN THE HYDROFORMYLATION OF OLEFIN-CONTAINING MIXTURES TO GIVE ALDEHYDE MIXTURES WITH A HIGH PROPORTION OF 2-UNBRANCHED ALDEHYDES

<p>(51) International classification :B01J31/02,B01J31/18 (31) Priority Document No :10 2010 041 821.8 (32) Priority Date :30/09/2010 (33) Name of priority country :Germany (86) International Application No :PCT/EP2011/066760 Filing Date :27/09/2011 (87) International Publication No :WO 2012/041846 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)EVONIK OXENO GMBH Address of Applicant :Paul Baumann Str. 1 45772 Marl Germany (72)Name of Inventor : 1)FRANKE Robert 2)BRAUSCH Nicole 3)FRIDAG Dirk 4)CHRISTIANSEN Andrea 5)BECKER Marc 6)WASSERSCHIED Peter 7)HAUMANN Marco 8)JAKUTTIS Michael 9)WERNER Sebastian 10)SCH-NWEIZ Andreas</p>
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(57) Abstract :

The present invention provides a composition comprising: a) an inert porous support material b) an ionic liquid c) a metal selected from group 9 of the Periodic Table of the Elements d) a phosphorus containing organic ligand e) at least one organic amine. The present invention further provides a process for hydroformylating olefin containing hydrocarbon mixtures to aldehydes with addition of the inventive composition as a catalytically active composition wherein: a) the water content of the olefin containing hydrocarbon mixture is adjusted to not more than 20 ppm b) the content of polyunsaturated compounds in the olefin containing hydrocarbon mixture is adjusted to not more than 3000 ppm c) a molar ratio of organic amines according to claims 10 13 to phosphorus containing organic ligands according to claims 8 9 of at least 4:1 is established d) a molar ratio of phosphorus containing organic ligands according to claims 8 9 to rhodium of at least 10:1 is established.

No. of Pages : 75 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4420/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : HIGH PERFORMANCE SULFO ALUMINOUS CLINKER

(51) International classification	:C04B7/32,C04B7/36	(71)Name of Applicant :
(31) Priority Document No	:MI2010A002110	1)ITALCEMENTI S.P.A.
(32) Priority Date	:15/11/2010	Address of Applicant :Via G. Camozzi 124 I 24121 Bergamo
(33) Name of priority country	:Italy	Italy
(86) International Application No	:PCT/EP2011/070116	(72)Name of Inventor :
Filing Date	:15/11/2011	1)MARCHI Maurizio Iler
(87) International Publication No	:WO 2012/065976	2)ALLEVI Stefano
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

43222117252The invention relates to a sulfo aluminous clinker with optimal setting time and short term compressive strengths comprising a mixture of the following phases: calcium sulfoaluminate or CA\$ in amounts higher than 50 % by weight of the mixture belite or CS in amounts between 2 and 23% 3CS 3C\$ CaX X being fluorine or chlorine between 3 and 15% CACaX X being fluorine or chlorine between 2 and 12% both fluorine and chlorine being altogether present in the mixture and phase CS\$ being absent. The invention also relates to a method for preparing this sulfo aluminous clinker and hydraulic binders comprising this clinker.

No. of Pages : 28 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4423/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : DETECTING LOSS OF IP CONTINUITY WHEN TRANSITIONING BETWEEN DIFFERENT NETWORKS

(51) International classification	:H04W36/00
(31) Priority Document No	:61/424,544
(32) Priority Date	:17/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/064692
Filing Date	:13/12/2011
(87) International Publication No	:WO 2012/082767 A8
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :ATTN: International IP Administration
5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)PAYYAPPILLY Ajith Tom
2)KHATRI Shrawan K.
3)ZHAO Suli

(57) Abstract :

Aspects of the present disclosure provide techniques for preventing loss of IP continuity when transitioning between networks. Certain aspects provide methods that generally include initiating a first timer upon attempting to transition from a first RAT network to a second RAT network during an IP session and initiating a second timer if a channel in the second RAT network is successfully acquired. According to aspects a device may transfer context of the IP session to the second RAT network if a session is successfully negotiated in the second network prior to expiration of the second timer and the first and second networks share a common core network for IP services.

No. of Pages : 48 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4424/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : COMMUNICATION NETWORK TRAFFIC CONTROL ELEMENT

(51) International classification	:H04L12/56
(31) Priority Document No	:1019823.2
(32) Priority Date	:23/11/2010
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2011/069441
Filing Date	:04/11/2011
(87) International Publication No	:WO 2012/069303
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BAE SYSTEMS plc
Address of Applicant :6 Carlton Gardens London SW1Y 5AD
U.K.
(72)**Name of Inventor :**
1)DOE Stephen Richard

(57) Abstract :

A communication network traffic control element is disclosed which is arranged to receive traffic such as voice and data as a plurality of discrete traffic packets at an input and communicate the traffic as a serial traffic stream to an output. The traffic control element comprises a receiver which is arranged to receive the traffic packets and a processor which is arranged to communicate the serial traffic stream to the output. The process or comprises a buffer which is arranged receive traffic from the receiver and to control a rate of traffic flow from the receiver to the processor to enable a rate of traffic output from the processor to be varied independently of a rate of traffic flow input to the receiver.

No. of Pages : 14 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4408/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : FLUOROPOLYMER COMPOSITIONS

(51) International classification :C11D3/44,C08F14/22,C08J11/08

(31) Priority Document No :PCT/CN2010/079830

(32) Priority Date :15/12/2010

(33) Name of priority country :China

(86) International Application No :PCT/CN2011/083958

Filing Date :14/12/2011

(87) International Publication No :WO 2012/079506 A1

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)RHODIA (CHINA) CO. LTD.

Address of Applicant :3966 Jin Du Road Xinzhuang Industrial Zone Minhang District Shanghai 201108 China

2)RHODIA OPERATIONS

(72)Name of Inventor :

1)CHENG Shujing

2)MU Ann

3)DEROO Sophie

4)LASNET DE LANTY Patrick

(57) Abstract :

The present invention relates to a composition for solubilizing a fluoropolymer. The invention also relates to the obtained fluoropolymer composition the process for its preparation and its uses. The invention is also of use the fluoropolymer composition for coating applications. A subject of the invention is the composition comprising a solubilized fluoropolymer and the solvent blend of a diester and dimethylsulfoxyde.

No. of Pages : 25 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4409/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : MAGNETIC SCREENING FOR TIMEPIECE HAIRSPRING

(51) International classification :G04B17/06,G04B17/22,G04B43/00
(31) Priority Document No :10195192.9
(32) Priority Date :15/12/2010
(33) Name of priority country:EPO
(86) International Application No :PCT/EP2011/071753
Filing Date :05/12/2011
(87) International Publication No :WO 2012/080021
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)THE SWATCH GROUP RESEARCH AND DEVELOPMENT LTD
Address of Applicant :Rue des Sors 3 CH 2074 Marin
Switzerland
(72)Name of Inventor :
1)DIONNE Jean François

(57) Abstract :

Device for protecting a hairspring (1) of a timepiece against disturbing magnetic fields comprising a balance (2) made of an amorphous ferromagnetic material.

No. of Pages : 14 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4410/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : ELECTRIC POWER CONTROL DEVICE AND ELECTRIC POWER CONTROL SYSTEM USING SAME

(51) International classification	:H02J3/38	(71)Name of Applicant :	
(31) Priority Document No	:2010-276789	1)PANASONIC CORPORATION	
(32) Priority Date	:13/12/2010	Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka	
(33) Name of priority country	:Japan	5718501 Japan	
(86) International Application No	:PCT/JP2011/078788	(72)Name of Inventor :	
Filing Date	:13/12/2011	1)BABA Akira	
(87) International Publication No	:WO 2012/081575	2)TAKEHARA Kiyotaka	
	A1	3)NAKAKITA Kenji	
(61) Patent of Addition to Application	:NA	4)HIBIYA Shinpei	
Number	:NA		
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

A controller installed by consumers is provided with: a generated electricity amount acquisition unit that acquires the amount of electricity generated by a solar cell; an electricity for sale amount acquisition unit that acquires the amount of electricity generated by the solar cell that is electricity for sale that reverse flows into the power grid; and an electricity for sale suppression and control unit that makes comparison with the amount of generated electricity acquired by the generated electricity amount acquisition unit and sets a threshold value for the amount of electricity for sale and that suppresses reverse flow into the power grid so that the amount of electricity for sale is lower than the threshold value.

No. of Pages : 51 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4411/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : IMPROVED EPOXY SYSTEMS AND AMINE POLYMER SYSTEMS AND METHODS FOR MAKING THE SAME

(51) International classification	:C08L63/00
(31) Priority Document No	:12/966,616
(32) Priority Date	:13/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/062185
Filing Date	:28/11/2011
(87) International Publication No	:WO 2012/082341 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MOMENTIVE SPECIALTY CHEMICALS INC.
Address of Applicant :180 East Broad Street Columbus OH 43215 U.S.A.
(72)**Name of Inventor :**
1)ELMORE Jim D.
2)CORLEY Larry Steven
3)HITE Jerry R.

(57) Abstract :

Compositions and methods for forming surfactants aqueous dispersions and curing agents are provided. In one aspect the invention relates to improved epoxy functional surfactants prepared by reaction of an epoxy composition and an amidoamine composition formed from a blend of acid terminated polyoxyalkylene polyols. The improved epoxy functional surfactants may be reacted with an excess of epoxy composition and water to result in an aqueous dispersion. The amidoamine composition may be a reaction mixture of a diamine compound and an acid terminated polyoxyalkylene composition formed from two or more polyoxyalkylene polyol compounds. The epoxy functional surfactant may be reacted with amine compounds to form a compound suitable as a curing agent.

No. of Pages : 68 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4602/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND SYSTEM FOR MONITORING AN INDUSTRIAL SYSTEM INVOLVING AN EYE TRACKING SYSTEM

(51) International classification:G05B23/02,G06F3/01,G02B27/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2010/070589

Filing Date :22/12/2010

(87) International Publication No :WO 2012/084041

(61) Patent of Addition to

Application Number :NA

Filing Date :NA

(62) Divisional to Application

Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ABB RESEARCH LTD

Address of Applicant :Affolternstrasse 44 CH 8050 Zurich
Switzerland

(72)Name of Inventor :

1)TIMSJ- Susanne

2)OLAUSSEN Martin

(57) Abstract :

It is presented a method for notifying at least a first condition in an industrial system by means of a monitoring system in order to draw the attention of an operator monitoring the industrial system to the at least one condition. The method comprises displaying (S1) the first condition in a first portion of a display screen of the monitoring system determining (S2) by means of eye tracking an area where a user focuses on the display screen the area where the user focuses differing from the first portion and alerting (S3) the user of the first condition in order to allow the user to be notified of the first condition in the industrial system. A monitoring system is also presented herein.

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4127/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : LOCATION AWARE SPREADSHEET ACTIONS

<p>(51) International classification :G06F9/44,G06F3/14,G06F15/16</p> <p>(31) Priority Document No :12/967972</p> <p>(32) Priority Date :14/12/2010</p> <p>(33) Name of priority country :U.S.A.</p> <p>(86) International Application No :PCT/US2011/063099</p> <p>Filing Date :02/12/2011</p> <p>(87) International Publication No:WO 2012/082406</p> <p>(61) Patent of Addition to Application Number :NA</p> <p>Filing Date :NA</p> <p>(62) Divisional to Application Number :NA</p> <p>Filing Date :NA</p>	<p>(71)Name of Applicant : 1)MICROSOFT CORPORATION Address of Applicant :One Microsoft Way Redmond WA 98052 6399 U.S.A.</p> <p>(72)Name of Inventor : 1)CAMPBELL John 2)LIN Amy 3)WALDMAN Lawrence 4)DER Sherman</p>
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(57) Abstract :

Location information is integrated with spreadsheet formulas and operations. Location information may be used in filtering data detecting data sources performing calculations and the like. The data may be filtered by location individuals places and other location based information. The location information may be integrated into native spreadsheet formulas to perform calculations trigger alerts or drive other spreadsheet business logic. The location information may also be used to detect and use nearby data sources that are published near the spreadsheet user.

No. of Pages : 19 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4129/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : LIQUID CRYSTALLINE POLYMER MICRONEEDLES

(51) International classification :B29C45/00,A61M5/32,B29C45/77
(31) Priority Document No :61/419049
(32) Priority Date :02/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/038026
Filing Date :26/05/2011
(87) International Publication No :WO 2012/074576
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)3M INNOVATIVE PROPERTIES COMPANY
Address of Applicant :3M Center Post Office Box 33427 Saint Paul Minnesota 55133 3427 U.S.A.
(72)Name of Inventor :
1)DUAN Daniel C.
2)RENDON Stanley

(57) Abstract :
Thermotropic liquid crystalline polymer microneedles (100) are described.

No. of Pages : 27 No. of Claims : 17

(54) Title of the invention : HEATING APPARATUS TRANSPORTATION UNIT SYSTEM AND METHOD FOR REMOVING FOODSTUFFS

(51) International classification :B65D77/06,B65D88/16,B65D88/22
 (31) Priority Document No :2005604
 (32) Priority Date :29/10/2010
 (33) Name of priority country:Netherlands
 (86) International Application No :PCT/EP2011/069156
 Filing Date :31/10/2011
 (87) International Publication No :WO 2012/056046
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)AGRIDIENT B.V.

Address of Applicant :Lto tower / 12th floor Gustav Mahlerplein 80 NL 1082 MA Amsterdam Netherlands

(72)Name of Inventor :

1)BIELEVELDT Sander Johannes Antonius

2)MINKES Richard

3)VAN DER HELM Rosan Madelie

4)VERHOEF Ingrid

5)TEPAS Ilse

6)DE MOOLJ Gideon Leonard Thomas

(57) Abstract :

The invention relates to a transportation unit (11) for transport of foodstuffs that are highly viscous or solid at ambient temperatures. The transportation unit comprises a first bag (41) a second bag (51) arranged to fit into the first bag and one or more hoist bands (43) wrapped around the bottom side of the first bag and connected thereto. The first bag has an upper side (42a) and a bottom side (42b) and is made from a woven fabric preferably a woven polymer. Additionally the first bag comprises a transfer opening (45) for removing the foodstuffs from the transportation unit. The second bag comprises an opening (53) for inserting and/or removing the foodstuffs. The second bag is capable of transporting more than 2000 kg of foodstuffs. The one or more hoist bands form loops above the upper side of the first bag.

No. of Pages : 34 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4329/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : EXTERNAL PART MOUNTED ELECTRIC WIRE WIRING HARNESS INCLUDING THE SAME EXTERNAL PART MOUNTED ELECTRIC WIRE AND METHOD FOR FABRICATING THE SAME WIRING HARNESS

(51) International classification :B60R16/02,H01B13/012,H01B7/40
(31) Priority Document No :2010275468
(32) Priority Date :10/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/079112
Filing Date :09/12/2011
(87) International Publication No :WO 2012/077829
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)YAZAKI CORPORATION
Address of Applicant :4 28 Mita 1 chome Minato ku Tokyo 1088333 Japan
(72)Name of Inventor :
1)YAMAMOTO Masataka
2)UEHARA Takehiko
3)MURAKAMI Yoshihiro
4)SORA Masahiro

(57) Abstract :

To provide an external part mounted electric wire for a wiring harness laid on a panel making up a motor vehicle which increases the mounting accuracy of an external part mounted on the wiring harness and which simplifies the fabrication of the wiring harness. An external part mounted electric wire 1 includes an external part 3 which is mounted on an electric wire 2 so as to be brought into engagement with a hole in a panel on which a wiring harness 25 is laid. The external part 3 is made of a resin and is formed integrally with the electric wire 2. In addition a relative position of the external part 3 to the electric wire 2 is provided in such a position that the external part 3 can be brought into engagement with the hole in the panel.

No. of Pages : 36 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :05/11/2012

(21) Application No.4618/CHE/2012 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : SENSOR FOR MEASURING A CURRENT IN AN ELECTRIC CABLE

(51) International classification	:G06K	(71)Name of Applicant :
(31) Priority Document No	:1160249	1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(32) Priority Date	:10/11/2011	Address of Applicant :35, RUE JOSEPH MONIER, F-92500
(33) Name of priority country	:France	RUEIL MALMAISON France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)WATERLOT, FREDERIC
(87) International Publication No	: NA	2)CONTINI, ERICK
(61) Patent of Addition to Application Number	:NA	3)MOREUX, ALAIN
Filing Date	:NA	4)CLEMENCE, MICHEL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Sensor (1) for measuring a current in an electric cable, comprising an electrical circuit (4) and a support (6) for the electrical circuit, with the electrical circuit being intended to surround the electric cable during said measurement by forming a loop, the support having an opening (12) and comprising two ends (14, 16) located on either side of the opening, the electrical circuit comprising a helical winding. The support is elastically deformable between a first position wherein it is at rest and the two ends are substantially face-to-face, and a second position wherein the two ends are separated from each other in relation to the first position, with the support being sufficiently flexible and being formed in such a way that: - the support can be deformed from the first position towards the second position by pressing manually the opening of the support against the electric cable, in such a way as to pass the electric cable from the outside of the loop towards the inside of the loop, or from the inside of the loop towards the outside of the loop, and - the support spontaneously passes back from the second position to the first position, once the electric cable has passed through the opening. Corresponding method for measuring a current in an electric cable.

No. of Pages : 25 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4125/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : USING TEXT MESSAGES TO INTERACT WITH SPREADSHEETS

(51) International classification :G06F17/21,G06F15/16
(31) Priority Document No :12/967991
(32) Priority Date :14/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/063199
Filing Date :03/12/2011
(87) International Publication No :WO 2012/082414
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)MICROSOFT CORPORATION
Address of Applicant :One Microsoft Way Redmond
Washington 98052 6399 U.S.A.
(72)Name of Inventor :
1)CAMPBELL John
2)LIN Amy
3)WALDMAN Lawrence
4)MULLOWNEY Daniel
5)VILLANUEVA JairCazarin
6)PARISH Daniel

(57) Abstract :

Text messages are used to interact with objects in a spreadsheet. For example text messages may be used to enter/receive data in the spreadsheet. One or more text messages may be associated with a spreadsheet. Text messages may be associated with cells tables charts and other objects of the spreadsheet. When the spreadsheet receives a text message the text message is parsed and information that is contained within the text message is used to interact with one or more objects within the spreadsheet. The spreadsheet may also generate and send text messages that provide information about the spreadsheet and/or request information to be entered within the spreadsheet. For example the spreadsheet may send out an update of one or more values/objects within a spreadsheet and/or send a request within a text message requesting information to update a table.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4330/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : CARTRIDGE FOR PREPARING A LIQUID PRODUCT

(51) International classification :A47J31/36,B65D85/804
(31) Priority Document No :TO2010A000982
(32) Priority Date :10/12/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2011/055512
Filing Date :07/12/2011
(87) International Publication No :WO 2012/077066
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)LUIGI LAVAZZA S.P.A.
Address of Applicant :Corso Novara 59 I 10154 Torino Italy
(72)Name of Inventor :
1)VANNI Alfredo
2)CABILLI Alberto
3)MANDELLI Marco

(57) Abstract :

A cartridge (10) containing a dose (12) of at least one substance such as powdered coffee for preparing a liquid product by means of liquid and/or steam introduced at a given temperature into the cartridge (10) comprises a casing (14) containing the aforesaid dose (12) with a side wall (140) and a bottom wall (142) through which the liquid product flows out from the cartridge (10). The aforesaid bottom wall (142) has a layered structure with: at least one layer (1420) made of a first compostable material designed to undergo softening and/or melting at a temperature ranging between 70°C and 120°C; and at least one layer (1422) made of a second compostable material that does not undergo appreciable softening and/or melting at said temperature.

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4627/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :05/11/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : OSCILLATING WEIGHT

(51) International classification	:G04B15/00	(71) Name of Applicant :
(31) Priority Document No	:11188261.9	1)ETA SA MANUFACTURE HORLOGERE SUISSE
(32) Priority Date	:08/11/2011	Address of Applicant :SCHILD-RUST-STRASSE 17, CH-
(33) Name of priority country	:EPO	2540 GRENCHE Switzerland
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)KAELIN, LAURENT
(87) International Publication No	: NA	2)TINGUELY, XAVIER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The oscillating weight is intended to be used in a self winding watch mechanism. It includes a basic part (1) made of composite material and heavy metal elements (9). The basic part includes an inner portion (5) and a peripheral portion (3), with the peripheral portion including housings in which the heavy metal elements are set.

No. of Pages : 13 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4628/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : FORMING MEMBER FOR FORMING SEALED PACKAGES OF POURABLE FOOD PRODUCTS FROM A TUBE OF PACKAGING MATERIAL

(51) International classification :B65B9/207,B65B9/12,B65B9/20
(31) Priority Document No :10196340.3
(32) Priority Date :21/12/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/055751
Filing Date :16/12/2011
(87) International Publication No :WO 2012/085804
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Pully Switzerland
(72)Name of Inventor :
1)PARADISI Stefano
2)GALLONI Matteo
3)DE PIETRI TONELLI Roberto

(57) Abstract :

There is described a forming member (20a) for controlling the volume of packs (3) of pourable food products formed from a tube (2) of packaging material and sealed at a number of sections of tube (2) crosswise to an axis (A) of tube (2) comprising: a wall (25a) comprising in turn a first surface (80a) which is adapted to interact with a first portion (35a) of tube (2); and a pair of sidewalls (26a) protruding from wall (25a) on the same side of wall (25a) and comprising respective second surfaces (81a) which are adapted to interact with relative second portions (35b) of tube (2); first surface (80a) is at least partially concave.

No. of Pages : 44 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4629/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :17/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : POLYMERS DERIVED FROM SECONDARY ALKYL (METH)ACRYLATES

(51) International classification :C08F220/18,C09J133/08,C09J133/10
(31) Priority Document No :61/425,317
(32) Priority Date :21/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/066183
Filing Date :20/12/2011
(87) International Publication No :WO 2012/088126 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)3M INNOVATIVE PROPERTIES COMPANY
Address of Applicant :3M Center Post Office Box 33427 Saint Paul Minnesota 55133 3427 U.S.A.
(72)Name of Inventor :
1)CLAPPER Jason D.
2)LEWANDOWSKI Kevin M.
3)VOGEL Dennis E.
4)VOGEL Kim M.
5)COLBY Joshua L.

(57) Abstract :

Polymers particularly those used in pressure sensitive adhesives are prepared from a mixture of structural isomers of a secondary alkyl (meth)acrylate monomer. The adhesives are characterized by exhibiting an overall balance of adhesive and cohesive characteristics and exceptional adhesion to low surface energy substrates.

No. of Pages : 49 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4376/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :19/10/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : MULTI-LEVEL SIGNIFICANCE MAPS FOR ENCODING AND DECODING

(51) International classification	:H04N7/00
(31) Priority Document No	:11187410.3
(32) Priority Date	:01/11/2011
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Address of Applicant :295 PHILLIP STREET, WATERLOO,
ONTARIO, N2L 3W8 Canada
(72)**Name of Inventor :**
1)NGUYEN NGUYEN
2)JI TIANYING
3)HE DAKE

(57) Abstract :

Methods of encoding and decoding for video data are described in which multi-level significance maps are used in the encoding and decoding processes. The significant-coefficient flags that form the significance map are grouped into contiguous groups, and a significant-coefficient-group flag signifies for each group whether that group contains no non-zero significant-coefficient flags. If there are no non-zero significant-coefficient flags in the group, then the significant-coefficient-group flag is set to zero. The set of significant-coefficient-group flags is encoded in the bitstream. Any significant-coefficient flags that fall within a group that has a significant-coefficient-group flag that is non-zero are encoded in the bitstream, whereas significant-coefficient flags that fall within a group that has a significant-coefficient-group flag that is zero are not encoded in the bitstream.

No. of Pages : 49 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4376/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : DOSIMETRY SYSTEM METHODS AND COMPONENTS

(51) International classification	:G01T1/02,H04B1/38	(71)Name of Applicant :
(31) Priority Document No	:61/423534	1)MIRION TECHNOLOGIES INC.
(32) Priority Date	:15/12/2010	Address of Applicant :3000 Executive Parkway Suite 222 San
(33) Name of priority country	:U.S.A.	Ramon California 94583 U.S.A.
(86) International Application No	:PCT/US2011/064941	(72)Name of Inventor :
Filing Date	:14/12/2011	1)KAHILAINEN Jukka
(87) International Publication No	:WO 2012/082916	2)LOGAN Thomas D.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Dosimeters with wireless communications capability upon actuation communicate with a cell phone or other data capture and relay device (DCRD) with an application that allows communication with the dosimeters. The cell phone or other DCRD is a single device or part of an ad hoc network. The cell phone or other DCRD once it receives raw data from a dosimeter relays the data to a central station using mobile telephone or Wi Fi or other communications networks. The data is processed at the central station and available over the internet or cell phone.

No. of Pages : 26 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4378/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : HOLDER LOCK STRUCTURE

(51) International classification :H01R13/436,H01R13/506
(31) Priority Document No :2010253720
(32) Priority Date :12/11/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/006206
Filing Date :07/11/2011
(87) International Publication No :WO 2012/063457
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)YAZAKI CORPORATION
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1080073 Japan
(72)Name of Inventor :
1)SAITOH Masayuki

(57) Abstract :

A holder locking structure includes: a connector housing (11) and a front holder (21). The connector housing (11) includes: a fitting hood (13) to which another connector is inserted and fit; a terminal accommodation (15) accommodating a terminal fitting (41); a rib (14) which is protruded into the fitting hood and is configured to prevent terminal connection fault of the terminal fitting (41); and a first locking portion (16) configured to lock the front holder (21). The front holder (21) is inserted in the fitting hood (13) of the connector housing (11) and is locked to the connector housing (11) to prevent removal of the terminal fitting (41). The front holder (21) is provided with a rib insertion hole (25 65) to which the rib (14) is inserted and a jig insertion hole (26 66) into which a jig (51) can be inserted to unlock the front holder (21) from the connector housing (11). The rib insertion hole (25 66) and the jig insertion hole (26 66) are continuously provided.

No. of Pages : 24 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4660/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :18/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : THE USE OF ARYL OR HETEROARYL SUBSTITUTED DITHIOLENE METAL COMPLEXES AS IR ABSORBERS

(51) International classification :C09D11/02,B41M3/14,C07D233/84
(31) Priority Document No :10192338.1
(32) Priority Date :24/11/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/070769
Filing Date :23/11/2011
(87) International Publication No :WO 2012/069518 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :67056 Ludwigshafen Germany
(72)Name of Inventor :
1)REICHELT Helmut
2)GENER Thomas
3)HEIZLER Daniel
4)LEHMANN Urs

(57) Abstract :

The present invention relates to the use of specific metal complexes of dithiolenes with aryl or heteroarylsubstituted imidazolidine 2 chalcogenone 4 5 dithione ligands as colourless IR absorbers.

No. of Pages : 43 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4661/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :07/11/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHODS FOR DETECTING PLAGIARISM IN SOFTWARE CODE IMPLEMENTING A DESIGN PATTERN

(51) International classification	:G06F17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INFOSYS LIMITED
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO 44,
(33) Name of priority country	:NA	ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ALLAHBAKSH MOHAMMEDALI ASADULLAH
(61) Patent of Addition to Application Number	:NA	2)VASUDEV DAMODAR BHAT
Filing Date	:NA	3)DR. SRINIVAS PADMANABHUNI
(62) Divisional to Application Number	:NA	4)BASAVA RAJU MUDDU
Filing Date	:NA	5)ILAN STERN JUSID

(57) Abstract :

Methods and instructions embodied in non-transitory media for the detection of plagiarism in software code implementing a design pattern are described. Steps involved may include receiving input comprising the software code at least one design pattern implemented in the software code, identifying at least one function call to a function in a class implementing the design pattern in the software code, and creating a representation of the called function in the class containing the function call, wherein the function call and the function to which it corresponds is characteristic of the design pattern; and where the created representation implements program logic associated with at least one function implementing the design pattern, including the called function. The function call may be replaced with the representation of the called function. Additionally, the modified code may then be compared with one or more target files.

No. of Pages : 22 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3198/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : WASTE HEAT BOILER

(51) International classification	:F28D7/16,F28F27/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HALDOR TOPSOE A/S
(32) Priority Date	:NA	Address of Applicant :Nymollevvej 55 DK 2800 Kgs. Lyngby
(33) Name of priority country	:NA	Denmark
(86) International Application No	:PCT/EP2010/005968	(72)Name of Inventor :
Filing Date	:30/09/2010	1)CHRISTIANSEN Hans Georg
(87) International Publication No	:WO 2012/041344	
(61) Patent of Addition to Application		
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A waste heat boiler has heat exchange tubes for indirect heat exchange of a relatively hot process gas and a cooling media and a by pass tube for by passing a part of the process gas; a process gas collector collects and mixes a part of the heat exchanged process gas and at least a part of the by passed process gas before the mix is lead via a control valve to the process gas outlet of the waste heat boiler together with the rest of the heat exchanged process gas.

No. of Pages : 21 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4158/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : STEAM TURBINE STATOR BLADE AND STEAM TURBINE

(51) International classification	:F01D9/02,F01D25/04	(71)Name of Applicant :
(31) Priority Document No	:2010285756	1)MITSUBISHI HEAVY INDUSTRIES LTD.
(32) Priority Date	:22/12/2010	Address of Applicant :16 5 Konan 2 chome Minato ku Tokyo
(33) Name of priority country	:Japan	1088215 Japan
(86) International Application No	:PCT/JP2011/078139	(72)Name of Inventor :
Filing Date	:06/12/2011	1)YAMASHITA Hiroyuki
(87) International Publication No	:WO 2012/086400	2)OYAMA Hiroharu
(61) Patent of Addition to Application	:NA	3)MARUYAMA Takashi
Number	:NA	4)YAMAMOTO Yuki
Filing Date	:NA	5)DANNO Shohei
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention comprises blade members (17 18) within which a space (14) is formed and a leaf spring member (19) disposed in the space (14) of the blade members (17 18) and elastically contacting inner surfaces (21 22) of the blade members (17 18). The leaf spring member (19) includes a positioning portion (27) an elastic contact portion (28) and a coupling portion (29). The elastic contact portion (28) includes a plurality of divided portions disposed along a longitudinal direction of the blade members (17 18). As a result according to the invention the elastic contact portion (28) can elastically contact the inner surfaces (21 22) of the blade members (17 18) across substantially the entire surfaces of the inner surfaces (21 22) without partial contact. Thus the area of elastic contact between the elastic contact portion (28) and the inner surfaces (21 22) of the blade members (17 18) is increased enabling a reliable suppression of fluttering in a stator blade.

No. of Pages : 45 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4356/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND SYSTEM FOR IDENTIFYING DAMAGE TO PISTON MEMBRANE PUMPS CONTAINING WORKING FLUIDS

(51) International classification :F04B15/02,F04B43/067,F04B45/053
(31) Priority Document No :10 2010 060 532.8
(32) Priority Date :12/11/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/068186
Filing Date :18/10/2011
(87) International Publication No :WO 2012/062542 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)AKER WIRTH GMBH
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(72)Name of Inventor :
1)HEINRICHS Peter

(57) Abstract :

In a method and a system for identifying damage to piston membrane pumps containing working fluids the pressure of the working fluid is measured during operation in relation to the time and compared with a desired value profile and a signal is triggered if a predetermined deviation is exceeded.

No. of Pages : 19 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4645/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :06/11/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : AN APPARATUS FOR HEATING AN AQUEOUS SOLUTION

(51) International classification	:F02B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KARMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KANAGARAJ THANGAVELU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus for heating an aqueous solution used for exhaust gas treatment and a method of heating an aqueous solution stored in a tank in a vehicle is disclosed. The exhaust gases drive a turbocharger. The apparatus comprises a tank for storing said aqueous solution. The apparatus is characterized by a flow path adapted to circulate at least a portion of compressed air from a compressor of the turbocharger through the tank and a plurality of valves located in the flow path adapted to allow circulation of compressed air from the compressor. The method comprises the steps of measuring the ambient temperature and switching the plurality of valves in dependence of the measured ambient temperature to allow circulation of compressed air through the flow path.

No. of Pages : 9 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4749/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :14/11/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : PHOSPHOR RECOVERY METHOD

(51) International classification	:C09K11/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)RAMACHANDRA, SRINIDHI

4)SRIVASTAVA, ALOK MANI

5)BEERS, WILLIAM WINDER

6)RAMACHANDRAN, GOPI CHANDRAN

7)NAMMALWAR, PRASANTH KUMAR

(57) Abstract :

A method of separating a phosphor material from a starting mixture is disclosed. The separating includes dispersing the starting mixture in an aqueous medium; dispersing an anionic surfactant in an organic medium; mixing the aqueous and organic mediums; separating the aqueous and organic mediums, and recovering the phosphor material from the organic medium.

No. of Pages : 17 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4082/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :10/07/2009

(43) Publication Date : 11/07/2014

(54) Title of the invention : IMPROVED RECLOSABLE CONTAINER

(51) International classification	:B65D33/16
(31) Priority Document No	:11/627,148
(32) Priority Date	:25/01/2007
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US08/52120
Filing Date	:25/01/2008
(87) International Publication No	:WO 2008/092123 A4
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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HONG KONG, China

(72)Name of Inventor :

1)HUI, JONATHAN,

2)BRANSON, MARK,

(57) Abstract :

This invention is directed to an improved reclosable bag having first and second walls and an open top. The open top has first and second flexible fastener strips attached thereto. One of the strips has a profile portion forming a groove; the other strip has a profile portion forming a rib with a portion of the rib received and retained in the groove when the bag top is closed. Each of the fastener strips has a base connected to the respective walls. The bag has a slider mounted on the fasteners strips which is moveable longitudinally along the fastener strip to progressively separate the rib from the groove to open the bag, and is movable in the opposite direction to progressively return the rib to a retained condition in the groove and create a leak-proof seal. A cradle is formed near one end of the fastener strip which is sized, constructed, and arranged to receive and retain the base of the slider when the fastener strip is sealed to prevent leakage from that end of the fastener strip. The cradle preferably has a length greater than the length of the slider so it is retained therein and is curved in its interior configuration. In a preferred embodiment, the cradle has a tab which is also curved and extends angularly from the cradle for abutment against the retention of the slider within the cradle.

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4185/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD FOR PRODUCING AROMATIC AMINES

(51) International classification :C07C209/36,C07C211/50
(31) Priority Document No :10193860.3
(32) Priority Date :06/12/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/071707
Filing Date :05/12/2011
(87) International Publication No :WO 2012/076449
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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2)KADIJEVIC Dusko

3)MERTEN Anne Kathrin

4)ZOELLINGER Michael

5)RAICHLE Andreas

6)SCHOCKER Alexander

7)MHLBEYER Sandra

8)WIEDENHOFF Olaf

9)COELHO TSOU Joana

(57) Abstract :

The invention relates to a method for producing aromatic amines by hydrogenating nitroaromatics in the presence of catalysts consisting in forming in a reactor a fluid amine containing reaction mixture. The method is characterized in that a chromatographic analysis of the reaction mixture for determining the concentration of nitro and nitroso compounds in the reaction mixture is carried out.

No. of Pages : 43 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4575/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :14/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : POLYMERIZATION PROCESS AND RAMAN ANALYSIS FOR OLEFIN BASED POLYMERS

(51) International classification	:C08F10/02,C08F2/00	(71)Name of Applicant :
(31) Priority Document No	:61/425601	1)DOW GLOBAL TECHNOLOGIES LLC
(32) Priority Date	:21/12/2010	Address of Applicant :2040 Dow Center Midland MI 48674
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/066368	(72)Name of Inventor :
Filing Date	:21/12/2011	1)DESHPANDE Kishori
(87) International Publication No	:WO 2012/088217	2)STEPHENSON Serena K.
(61) Patent of Addition to Application Number	:NA	3)DIXIT Ravindra S.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a process for monitoring and/or adjusting a dispersion polymerization of an olefin based polymer the process comprising monitoring the concentration of the carbon carbon unsaturations in the dispersion using Raman Spectroscopy. The invention also provides a process for polymerizing an olefin based polymer the process comprising polymerizing one or more monomer types in the presence of at least one catalyst and at least one solvent to form the polymer as a dispersed phase in the solvent; and monitoring the concentration of the carbon carbon unsaturations in the dispersion using Raman Spectroscopy.

No. of Pages : 36 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4771/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : SUPPORTING INTELLIGENT USER INTERFACE INTERACTIONS

(51) International classification :G06F9/44,G06F15/16,G06F3/048

(31) Priority Document No :12/978661

(32) Priority Date :27/12/2010

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/067387

Filing Date :27/12/2011

(87) International Publication No :WO 2012/092271

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)MICROSOFT CORPORATION

Address of Applicant :One Microsoft Way Redmond WA
98052 6399 U.S.A.

(72)Name of Inventor :

1)MACLAURIN Matthew Bret

2)MOORE George

3)MURILLO Oscar E.

(57) Abstract :

Concepts and technologies are described herein for supporting intelligent user interface interactions. Commands accepted by applications can be published or determined. Before or during access of the application the commands can be presented at clients to indicate commands available for interfacing with the application. The commands can be presented with information indicating how the user interface and/or input device of the client may be used to execute the available commands. Input received from the client can be compared to the available commands to determine if the input matches an available command. Contextual data relating to the client preferences and/or other data also can be retrieved and analyzed to determine the intent of the client. The intent can be used to identify an intended command and to modify the input to match the intended command. The modified input can be transmitted to the application.

No. of Pages : 39 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3006/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : LOW REFRACTIVE INDEX DIFFUSER ELEMENT HAVING INTERCONNECTED VOIDS

(51) International classification	:G02B1/11	(71)Name of Applicant :
(31) Priority Document No	:61/394974	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:20/10/2010	Address of Applicant :3M Center Post Office Box 33427 Saint
(33) Name of priority country	:U.S.A.	Paul Minnesota 55133 3427 U.S.A.
(86) International Application No	:PCT/US2011/056255	(72)Name of Inventor :
Filing Date	:14/10/2011	1)COGGIO William D.
(87) International Publication No	:WO 2012/054319	2)STEINER Michael L.
(61) Patent of Addition to Application	:NA	3)LIU Tao
Number	:NA	4)LIU Lan H.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An optical diffuser layer includes a binder a plurality of metal oxide particles dispersed in the binder and a plurality of interconnected voids. A plurality of haze generating particles are dispersed in the binder. The optical diffuser layer has an effective refractive index of 1.3 or less.

No. of Pages : 29 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3007/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : OPTICALLY DIFFUSE LOW REFRACTIVE INDEX ELEMENT

(51) International classification :G02B5/02
(31) Priority Document No :61/394991
(32) Priority Date :20/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/056262
Filing Date :14/10/2011
(87) International Publication No :WO 2012/054320
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)COGGIO William D.
2)STEINER Michael L.
3)EDMONDS William F.
4)KAMRATH Robert F.
5)LIU Lan H.
6)HAO Encai

(57) Abstract :

An optical article includes an optical element and a low refractive index layer disposed on the optical element. The low refractive index layer having an effective refractive index of 1.3 or less and including a binder a plurality of metal oxide particles dispersed in the binder and a plurality of interconnected voids. The low refractive index layer has a haze value of at least 30%.

No. of Pages : 30 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :08/05/2013

(21) Application No.3637/CHENP/2013 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : PHASE SEPARATION METHOD FOR A PRODUCT USING A CENTRIFUGE

(51) International classification :B04B1/12,B04B11/02,B04B11/04

(31) Priority Document No :10 2010 038 193.4

(32) Priority Date :14/10/2010

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2011/067638

Filing Date :10/10/2011

(87) International Publication No :WO 2012/049118

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)MACKEL Wilfried

2)EICKHOFF Klaus Peter

(57) Abstract :

A method for the continuous processing of a product especially of a plant or animal oil or fat by way of phase separation into at least two liquid phases preferably while additionally clarifying solids the processing of the product taking place in a centrifuge that is designed as a separator which has a rotatable drum (1) in which a disk stack (8) having risers (7) and a product feed (4) and at least two gripper elements (13 16) for leading off a light and a heavy liquid phase (HP) from the drum and solid discharge openings (10) for leading off a solid phase (5) are provided such that during operation a separation zone between the light and the heavy liquid phase (HP LP) is formed in the centrifuge is characterized in that the lead off radius for leading off the heavy liquid phase is adjusted when the viscosity of the heavy liquid phase changes beyond at least one threshold value.

No. of Pages : 12 No. of Claims : 7

(54) Title of the invention : CONTINUOUS SYSTEM AND PROCEDURE OF STERILIZATION AND PHYSICAL STABILIZATION OF PUMPABLE FLUIDS BY MEANS OF ULTRA HIGH PRESSURE HOMOGENIZATION

(51) International classification:A23L3/015,A23L3/18,A23C3/033

(31) Priority Document No :10380094.2

(32) Priority Date :21/07/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/003572

Filing Date :18/07/2011

(87) International Publication No :WO 2012/010284

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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3)FERRAGUT P%REZ Victoria

4)QUEVEDO TERR% Joan Miquel

5)LPEZ PEDEMONTE Tom;s

6)BUFFA DUNAT Martin Nicol;s

(57) Abstract :

Continuous system and procedure of sterilization and physical stabilization of pumpable fluids food or other type of fluids through ultra high pressure homogenization (UHPH) comprising a first heat exchanger 1 which preheats the fluid at temperature T_p between 40 and 90 °C; an ultra homogenizer 3 through which fluid at temperature T_p is introduced at a pressure P_u between 200 and 600MPa increasing its temperature up to a final value T_u ; a second heat exchanger 4 where its cooling temperature is adjusted at value T_e ; an aseptic tank 5 that receives the cooled down fluid at value T_e and from which it is pumped by sterile air pressure into an aseptic packaging machine for the packaging of the final product.

No. of Pages : 21 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4830/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : MANAGING CHANGES TO COLLECTIONS OF DATA

(51) International classification :G06F17/30
(31) Priority Document No :61/433,082
(32) Priority Date :14/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021286
Filing Date :13/01/2012
(87) International Publication No :WO 2012/097278 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)GOULD Joel
2)PERKINS Timothy
3)WEISS Adam

(57) Abstract :

Managing changes to a collection of records includes storing a first set of records (116) in a data storage system (112) the first set of records representing a first version of the collection of records and validating a proposed change (104) to the collection of records specified by an input received over a user interface (102). The data storage system is queried based on validation criteria (110) associated with the proposed change and a first result is received in response to the querying. A second set of records is processed representing changes (114) not yet applied to the collection of records to generate a second result. The first result is updated based on the second result to generate a third result. The third result is processed to determine whether the proposed change is valid according to the validation criteria.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2857/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING MEMORY RESOURCE(S) OF A WIRELESS HANDHELD COMPUTING DEVICE

(51) International classification	:G06F17/30
(31) Priority Document No	:12/897327
(32) Priority Date	:04/10/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/049839
Filing Date	:31/08/2011
(87) International Publication No	:WO 2012/047419
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
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2)VIJAYAKUMAR Rajiv K.
3)JIM Samson
4)BAPST Mark

(57) Abstract :

A method and system for managing one or more memory resources of a wireless handheld computing device is described. The method and system may include receiving a request to initiate a web browser module and receiving input for a web address. The method and system may also include receiving a file corresponding to the web address and reviewing one or more objects present within the file. The method and system may determine if an object already exists in the one or more memory resources. And if the object does not exist in the one or more memory resources then the method and system may calculate a priority for the object. The priority of the object may then be assigned and stored. It may also be determined if the current object will exceed the threshold of the one or more memory resources and discarding other objects with lower priority as needed.

No. of Pages : 42 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2928/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : IMPROVED SOUND DEADENING FILLED THERMOPLASTIC POLYOLEFIN COMPOSITION

(51) International classification :C08L23/08
(31) Priority Document No :61/385,176
(32) Priority Date :22/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/057320
Filing Date :19/11/2010
(87) International Publication No :WO 2012/039733 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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1)SELISKAR James T
2)OELBERG James D
3)OWEIMREEN Tariq S
4)SOWERS Paul M
5)KARCZ Thomas

(57) Abstract :

3The present invention relates to filled thermoplastic polyolefin compositions useful e.g. as sound deadening sheeting for formed automotive applications comprising a propylene polymer having a density equal to or greater than 0.885 g/cm one or more linear ethylene polymer and/or substantially linear polymer a plasticizer and a filler preferably calcium carbonate. Said composition demonstrates a good balance of heat properties and stiffness such that it is particularly suitable for sheet extrusion and thermoforming articles therefrom.

No. of Pages : 22 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2929/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :16/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : ELASTIC POLYURETHANE THREAD AND MANUFACTURING METHOD THEREOF

(51) International classification :D01F6/94
(31) Priority Document No :2010234355
(32) Priority Date :19/10/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/073398
Filing Date :12/10/2011
(87) International Publication No :WO 2012/053401
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)SUZUKI Katsuya
2)KANBAYASHI Tatsuaki
3)TANAKA Toshihiro

(57) Abstract :

2Disclosed is an elastic polyurethane thread with excellent antibacterial and deodorant properties and color fastness. The disclosed the elastic thread comprises a polyurethane with polymer diols and diisocyanate as starting materials and contains metal phosphates in a range of 0.5 10 mass% wherein the emission amount of monoamine compounds with a molecular mass of 120 or less is 100 µg/m or greater.

No. of Pages : 49 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2998/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :18/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : POLYURETHANE THICKENER

(51) International classification	:C08G18/22
(31) Priority Document No	:10188540.8
(32) Priority Date	:22/10/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/068072
Filing Date	:17/10/2011
(87) International Publication No	:WO 2012/052383
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BASF SE

Address of Applicant :67056 Ludwigshafen Germany

(72)Name of Inventor :

1)TRK Holger

2)WENDEL Volker

(57) Abstract :

The present invention relates to a one stage method for producing polyurethanes which contain at least three hydrophilic segments at least four hydrophobic segments optionally allophanate segments and/or isocyanurate segments and which are produced in the presence of alkaline earth metal carboxylates or zinc carboxylates. The present invention further relates to the thus obtained polyurethanes to their use as thickener for aqueous preparations and to aqueous preparations containing such polyurethanes.

No. of Pages : 68 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4871/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : WIRELESS DOWNHOLE UNIT

(51) International classification	:E21B23/00,E21B41/00
(31) Priority Document No	:10192382.9
(32) Priority Date	:24/11/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/070819
Filing Date	:23/11/2011
(87) International Publication No	:WO 2012/069540 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)HALLUNDBØK Jørgen

2)LARSEN Jesper Oluf

(57) Abstract :

The present invention relates to a wireless downhole unit (1) adapted to be lowered into a well (2) in a casing (3) having an inner wall (4) and an inner diameter (Dc). The wireless downhole unit comprises an electrical motor (5) a pump (6) and driving means (7) for allowing movement of the wireless downhole unit within the casing and at least one battery pack (8). The present invention further relates to a downhole system.

No. of Pages : 18 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2551/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :02/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : ON LOAD TAP CHANGER

(51) International classification	:H01F29/04
(31) Priority Document No	:10 2010 050 882.9
(32) Priority Date	:09/11/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/005337
Filing Date	:22/10/2011
(87) International Publication No	:WO 2012/062408
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HAMMER Christian
2)WREDE Silke

(57) Abstract :

The invention relates to an on load tap changer for the uninterrupted changeover between two winding taps of a tap changing transformer wherein two load branches are provided such that the one load branch is electrically connected to the first winding tap and the other load branch is electrically connected to the second winding tap. Each load branch is provided with at least one switch element acting as the main contact and is connected to a common load diverter. According to the invention a first mechanical changeover contact is provided in the first load branch wherein by means of said contact the side which faces away from the load diverter of the first switch element acting as the main contact can optionally be connected to the first winding tap or the second winding tap. A second mechanical changeover contact is provided in the second load branch wherein by means of said contact the side which faces away from the load diverter of the second switch element acting as the main contact can likewise optionally be connected to either the first winding tap or the second winding tap. Thus the constant current flowing during stationary operation is advantageously divided between the switch elements in both load branches.

No. of Pages : 14 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2619/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND SYSTEM FOR DISCONNECTING A GENERATOR FROM A POWER SYSTEM

(51) International classification :H02H3/02,H02H3/48,H02H7/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/063251
Filing Date :09/09/2010
(87) International Publication No:WO 2012/031629
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
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(57) Abstract :

Method for disconnecting a generator (3) from a power system (17) when the generator (3) and the thereto connected power system (17) are non synchronized. The method comprises steps of: determining that there is a loss of synchronization between the generator (3) and the power system (17) which loss of synchronization provides an amplitude variation of an electrical parameter associated with the generator (3). The method further comprises determining when a minimum amplitude of the electrical parameter will occur wherein when the occurrence of the minimum amplitude has been predicted providing a command signal for disconnecting the generator (3) from the power system (17) wherein the command signal is provided prior to the minimum amplitude of the electrical parameter is attained and disconnecting the generator (3) from the power system (17) when the determined minimum amplitude of the electrical parameter occurs. It is also presented a protection system (1) for a generator (3) in a power system (17).

No. of Pages : 19 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3311/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : PRINTING APPARATUS

(51) International classification :B41J25/312,B41J29/393
(31) Priority Document No :1017594.1
(32) Priority Date :19/10/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/052020
Filing Date :19/10/2011
(87) International Publication No :WO 2012/052756
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

The invention provides a method of controlling the pressure applied to a substrate being printed by a thermal transfer printing head. The head displacement facility includes a resilient member such as a spring which undergoes deflection as the print head engages the substrate. The method comprises monitoring both print head position and spring deflection to control the pressure applied by the print head.

No. of Pages : 16 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4388/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : CONTROLLED DEGRADATION FIBERS

<p>(51) International classification :D01F8/00,D01D5/08,D01F8/02 (31) Priority Document No :61/423259 (32) Priority Date :15/12/2010 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2011/063930 Filing Date :08/12/2011 (87) International Publication No :WO 2012/082517 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)3M INNOVATIVE PROPERTIES COMPANY Address of Applicant :3M Center Post Office Box 33427 Saint Paul Minnesota 55133 3427 U.S.A. (72)Name of Inventor : 1)WU Yong K. 2)CRANDALL Michael D. 3)DAMS Rudolf J. 4)HEWITT Michelle M. 5)KADOMA Ignatius A. 6)PAPP Siegmund 7)JENNEN Jay M. 8)MYERS Sasha B.</p>
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(57) Abstract :

There is provided controlled degradation fibers and methods of making such controlled degradation fibers.

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4880/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : STRUCTURAL EPOXY RESIN ADHESIVES CONTAINING CHAIN EXTENDED ELASTOMERIC TOUGHENERS CAPPED WITH PHENOL POLYPHENOL OR AMINOPHENOL COMPOUNDS

(51) International classification :C09J163/00,C09J175/04,C08G18/28
(31) Priority Document No :61/427192
(32) Priority Date :26/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/062491
Filing Date :30/11/2011
(87) International Publication No :WO 2012/091842
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
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2)SCHNEIDER Daniel
3)BRAENDLI Christof
4)MAEDER Irene

(57) Abstract :

Structural adhesives are prepared from a chain extended elastomeric toughener that contains urethane and/or urea groups and have terminal isocyanate groups that are capped with a phenol a polyphenol or an aminophenol compound. The adhesives have very good storage stability and cure to form cured adhesives that have good lap shear and impact peel strengths.

No. of Pages : 27 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3567/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/08/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : A SPELL CHECK METHOD & A SYSTEM THEREOF

(51) International classification	:G06F	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ARPIT PALIWAL
(32) Priority Date	:NA	Address of Applicant :891/9 14th Cross 2nd Main
(33) Name of priority country	:NA	Mahalakshmi Layout Entrance Bangalore 560086 Karnataka
(86) International Application No	:NA	India Karnataka India
Filing Date	:NA	2)SHWETA PALIWAL
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)ARPIT PALIWAL
Filing Date	:NA	2)SHWETA PALIWAL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A systems and methods for improving spell checking by combining human intelligence with machine intelligence to match the requirements of user for correcting an incorrect spelled word. In one embodiment this is accomplished by receiving input data containing text from one or more user identifying a set of potentially misspelled strings in the received text clicking at any of the identified misspelled word in the document in order to mark the part(s) of the misspelled word as correct/incorrect strategically and determining the type and position of the click on the misspelled word in order to filter the dictionary database thereby providing spell suggestions to the user.

No. of Pages : 29 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4690/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :08/11/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : A METHOD FOR RECOGNIZING THE STARTING ABILITY OF A STARTER BATTERY

(51) International classification

:G01R

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

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:NA

Filing Date

:NA

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(72)Name of Inventor :

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2)BALASUBRAMANIAN V

3)BALAJI. R

(57) Abstract :

A method for evaluating a battery state (HIGH and LOW) of the battery (10) in a starting phase (A) and a driving phase (B) of an internal combustion engine in a motor vehicle comprising a start-stop system, said battery is adapted to be connected to a starter motor through a starter relay, said method evaluates battery state in starting phase by determinig an internal resistance of the battery by measuring voltage drop at starter relay terminal (USOi) of said starter motor and at a battery terminal (12) (UdiP), and at a starter motor terminal (Ur30dip) of said battery when said starter motor cranks the engine using a predetermined resistance of a cable (Rcable) connected between said battery and said starter motor; compensating said estimated internal resistance of the battery with a predetermined internal resistance (Ri_map) of said battery and comparing said compensated internal resistance with an allowable limit value (Rj_aliow); and said method evaluates battery state in driving phase by determining an amount of charge by integrating charge current estimated based on the internal resistance determined during starting phase, measuring terminal voltage of said battery (Ubatt) and determining temperature (Tbatt) of said battery during driving phase.

No. of Pages : 22 No. of Claims : 4

(54) Title of the invention : METHOD AND DEVICE FOR MONITORING VARIATIONS IN TERRAIN

(51) International classification :G01S13/90,G01S13/94,G01S13/88
 (31) Priority Document No :10/05015
 (32) Priority Date :21/12/2010
 (33) Name of priority country :France
 (86) International Application No :PCT/EP2011/073422
 Filing Date :20/12/2011
 (87) International Publication No :WO 2012/084958
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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(72)Name of Inventor :

1)GERMOND Ccile**2)SIRVEN François**

(57) Abstract :

ciThe invention relates to a method and device suitable for monitoring variations in the ground surface R and/or the presence of ground surface elements (2j) said method being implemented on a carrier moving at the speed $V=(V_x V_y V_z)$ using a transmission/reception antenna (12) of a signal processing means (14) said method using a waveform $h(t)$ consisting of a series of pulses or a wave train and carrying out coherent processing within the wave train element in order to obtain the initially established distance resolution the method thus involving measuring the distance d_j by a filtering method with the distance adapted in each reflected pulse/line and e) for a set of N signals reflected at N different moments for one distance range and for each angle of view () the method involves processes all the signals received using the formula that translates the Doppler frequency of the reflected signals; (1) then the method involves: applying an energy detection criterion E_j so as to determine pairs of values $(d_j j)$ that correspond to the presence of ground surface elements or variations in the ground level and having ascertained the values $(d_j j H_j)$ the method then involves determining the features of the ground surface elements (2j) the position thereof p_j and the variations r in the level of the ground or ground surface.

No. of Pages : 30 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4337/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :05/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : DETERMINING WHETHER A DEVICE IS INSIDE A NETWORK

(51) International classification :H04W48/02,H04W88/02
(31) Priority Document No :12/970298
(32) Priority Date :16/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/065277
Filing Date :15/12/2011
(87) International Publication No :WO 2012/083075
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)TIWARI Abhishek
2)AMARAVADI Rama Krishna
3)PANDYA Raunak
4)JAIN Alok

(57) Abstract :

A network address of a computing device is obtained and an unencrypted request is sent to a resource access manager of a particular network. If both a response is received from the resource access manager and the computing device has a network address within a desired range of network addresses then a determination is made that the computing device is inside the particular network. Otherwise a determination is made that the computing device is outside the particular network.

No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4835/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : STAGED ACCESS POINTS

(51) International classification :G06F3/01,G06F3/14,G06F3/048
(31) Priority Document No :61/429715
(32) Priority Date :04/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/020069
Filing Date :03/01/2012
(87) International Publication No:WO 2012/094310
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GARN Jonathan
2)LEE Yee Shian
3)REAGAN April A.
4)KULKARNI Harish Sripad

(57) Abstract :

Various embodiments are described herein that relate to determining an intent of a user to initiate an action on an interactive display system. For example one disclosed embodiment provides a method of initiating an action on an interactive display device the interactive display device including a touch sensitive display. In this example the method comprises displaying an initiation control at a launch region of the display receiving an initiation input via the initiation control displaying a confirmation target in a confirmation region of the display in response to receiving the initiation input receiving a confirmation input via the confirmation target and performing an action responsive to the confirmation input.

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4836/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : IMMUNOSTIMULATORY OLIGODEOXYNUCLEOTIDES

(51) International classification :C12N15/117,C12N5/10,A61K39/39
(31) Priority Document No :10197435.0
(32) Priority Date :30/12/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/074211
Filing Date :29/12/2011
(87) International Publication No :WO 2012/089800
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)INTERVET INTERNATIONAL B.V.
Address of Applicant :Wim de Krverstraat 35 NL 5831 AN
Boxmeer Netherlands
(72)Name of Inventor :
1)SCHRIER Carla Christina
2)ILG Thomas Simon

(57) Abstract :

The present invention relates to immunostimulatory oligodeoxynucleotides vectors and vaccines comprising such oligodeoxynucleotides to their use as a medicament to their use in preventing or combating infectious disease to methods for the detection of such oligodeoxynucleotides and to cells to be used in these method.

No. of Pages : 104 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4839/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : WEBPAGE RENDERING METHOD DEVICE AND SYSTEM

(51) International classification	:H04L29/08,G06F17/30	(71)Name of Applicant :
(31) Priority Document No	:201010586281.5	1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED
(32) Priority Date	:03/12/2010	Address of Applicant :4/F. East 2 Block. SEG Park. Zhenxing Rd. Futian District Shenzhen Guangdong 518044 China
(33) Name of priority country	:China	(72)Name of Inventor :
(86) International Application No	:PCT/CN2011/083450	1)XU Yu
Filing Date	:05/12/2011	2)RUAN Shudong
(87) International Publication No	:WO 2012/072046 A1	3)TOU Weiyu
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Provided are a webpage rendering method a device and a system wherein a server comprises a kernel. According to the method: a render server is pre installed on the server; said render server parses a received webpage into a DOM tree and transmits the received page to said kernel and the kernel renders said page and generates a render tree; said render server converts data information corresponding to a render target on the render tree into a binary stream according to the DOM tree and transmits the stream to a mobile terminal; the mobile terminal executes plotting according to the received binary stream for web page browsing. The present invention solves the technical problems occurring when cell phone browsers parse webpage tags and perform rendering.

No. of Pages : 21 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4954/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : STERILIZATION WRAP SYSTEM AND METHODS OF USE

(51) International classification :A61L2/26,A61B19/02
(31) Priority Document No :61/428703
(32) Priority Date :30/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/066802
Filing Date :22/12/2011
(87) International Publication No :WO 2012/092116
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LANDGREBE Kevin D.
2)REED Susan K.
3)WEBB Heather M.

(57) Abstract :

A method of sterilizing an article is provided. The method includes providing sterilization wrap system with which to wrap the article to be sterilized. The sterilization wrap system comprises a plurality of wrap units configured in a stack at least one wrap unit in the stack being detachably attached to at least one other wrap unit in the stack.

No. of Pages : 30 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4955/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : RESPIRATOR HAVING VALVE WITH AN ABLATED FLAP

(51) International classification :A61M16/06
(31) Priority Document No :61/427,882
(32) Priority Date :29/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/064410
Filing Date :12/12/2011
(87) International Publication No :WO 2012/091907 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)INSLEY Thomas I.
2)XUE Thomas J.

(57) Abstract :

A respirator (10) that has a mask body (12) a harness (13) and an exhalation valve (14). Both the harness (13) and the exhalation valve (14) are secured to the mask body (12). The exhalation valve (14) comprises a valve seat (20) and a flap (22) that has a surface (57) that has been ablated. Through use of an ablated flap the flap characteristics can be better fashioned to achieve desired valve performance. The valve flap can be fashioned to remain closed under any orientation but also to open with minimal force or pressure from the wearer s exhaled air. A valve having these qualities provides a respirator that is more comfortable for a person to wear which can be particularly beneficial to workers who wear respirators for extended time periods.

No. of Pages : 22 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2013

(21) Application No.4851/CHENP/2013 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : HUMAN LACTOFERRIN DERIVED PEPTIDE FOR USE AS AN ANTIGEN MASKING AGENT

(51) International classification :C07K14/435,C07K14/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/068302
Filing Date :26/11/2010
(87) International Publication No :WO 2012/069089 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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2)TOME ALCALDE Juan
3)WINDHAB Norbert
4)ANSUATEGUI PANZANO Mara del Pilar
5)VARA CARRERA Matas Javier

(57) Abstract :

The invention refers to a human lactoferrin derived peptide for use as an antigen masking agent in the production of a pharmaceutical composition for delivery of a biological active substance in a mammalian organism where the biological active substance is able to induce an undesired immune response by the mammalian organism where the pharmaceutical composition comprises a supramolecular aggregate of the biological active substance and the human lactoferrin derived peptide with the effect that after delivery of pharmaceutical composition to the mammalian organism there is no or only a diminished induction of the undesired immune response against the biological active substance.

No. of Pages : 28 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4852/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : TAP CHANGER

(51) International classification :H01H9/00
(31) Priority Document No :10 2011 008 394.4
(32) Priority Date :12/01/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/006567
Filing Date :24/12/2011
(87) International Publication No :WO 2012/095155
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HOTTNER Toni
3)JATTA Martin
4)LEDERER Philipp
5)REHKOPF Sebastian
6)SCHLEPP Klaus
7)STREMPEL Rolf

(57) Abstract :

The invention relates to a tap changer for switching between winding taps of a tap transformer. Said tap changer comprises an oil vessel the wall of said oil vessel comprising stationary contacts. A rotatable drive shaft is provided inside the oil vessel said drive shaft supporting the moveable switching means for connecting the stationary contacts and/or is mechanically connected thereto. A tap changer head is arranged above said oil vessel is connected thereto and comprises means for transmitting a rotational movement onto the drive shaft. According to the invention a motor drive which is an integral component of the tap changer is arranged above the tap changer head said motor drive comprising an electromotor which is in direct mechanical connection with the drive shaft and which also comprises a control mechanism which can be driven by the electromotor.

No. of Pages : 11 No. of Claims : 5

(54) Title of the invention : ELECTROKINETIC DEVICE FOR CAPTURING ASSAYABLE AGENTS IN A DIELECTRIC FLUID

(51) International classification :A01N43/40,A61K31/44
 (31) Priority Document No :12/955,150
 (32) Priority Date :30/11/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/059037
 Filing Date :03/11/2011
 (87) International Publication No :WO 2012/074660 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
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 Chicago IL 60647 U.S.A.
 (72)**Name of Inventor :**
1)GORDON Julian
2)GANDHI Prasanthi

(57) Abstract :

Electrokinetic devices and methods are described with the purpose of collecting assayable agents from a dielectric fluid medium. Electrokinetic flow may be induced by the use of plasma generation at high voltage electrodes and consequent transport of charged particles in an electric voltage gradient. In one embodiment the agents are directed electrokinetically to the sample collection assay device with no intermediate transfer steps. The agents are directed by creation of an electrokinetic potential well which will effect their capture on to an assay device. Environmental agents such as biowarfare agents pathogens allergens or pollutants are collected autonomously on to the assay device without any human intervention. The dielectric fluid medium such as air is sampled by electrokinetic propulsion with no moving parts or optionally by transporting the dielectric fluid by a fan pump or by breath. A further embodiment for collection of pathogen samples entails breathing into a tube where the sample is exposed to an electric plasma in the neighborhood of a high voltage electrode or electrodes further transported by the breath through a potential well created at a sample collection device where charge particles are electroprecipitated. The dielectric fluid medium may further include non conductive liquids such as oils. Oils may be sampled for the presence of contaminants contaminating organisms or bio degrading organisms.

No. of Pages : 101 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4966/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : PROCESS FOR PREPARING 3 ALKYL SULFINYL BENZOYL DERIVATIVES

(51) International classification :C07C315/04,C07C317/14,A01N43/56
(31) Priority Document No :10197151.3
(32) Priority Date :28/12/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/073906
Filing Date :23/12/2011
(87) International Publication No :WO 2012/089644 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SCHMIDT Jan Peter
3)KOHLHEPP Helmut

(57) Abstract :

123A process for preparing 3 alkylsulfinylbenzoyl derivatives of the formula (IIIa) by reaction of 3 alkylsulfinylbenzoic acids of the formula (Ib) with compounds of the formula (II) in the presence of a chlorinating agent and a base is described. In the abovementioned formulae Y is a radical such as pyrazolyl or cyclohexanedionyl. R R and R are radicals such as halogen nitro cyano and alkyl.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3216/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHODS AND COMPOSITIONS CONTAINING JASMONATES OR RELATED COMPOUNDS

(51) International classification :A01N37/42,A01N57/20,A01N63/00
(31) Priority Document No :61/387232
(32) Priority Date :28/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/053360
Filing Date :27/09/2011
(87) International Publication No :WO 2012/047608
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)CARGEEG R.D. Piran
2)SEEVERS Kurt

(57) Abstract :

The application relates to the use of jasmonate or related compounds in combination with crop input products (e.g. herbicides pesticides bioactives or biologicals seed treatment components semiochemicals and the like) to induce biodefense activity in plants to increase effectiveness of said crop input products and to reduce the volume of crop input product. Also provided are compositions comprising a jasmonate or related compound with one or more crop input product.

No. of Pages : 14 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3287/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : TERMINAL BLOCK FOR SURGE PROTECTION HAVING INTEGRAL DISCONNECT

(51) International classification :H01R9/24,H01R9/26
(31) Priority Document No :61/388166
(32) Priority Date :30/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/048344
Filing Date :19/08/2011
(87) International Publication No :WO 2012/047383
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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2)LAUBACH Christopher Jon
3)MOSER Russell David
4)McCLELLAN David Michael
5)MICKIEVICZ Scott Keith
6)LACEY Michael P.

(57) Abstract :

A terminal block is disclosed that integrates a surge protection base a disconnect and connection points to provide a Kelvin connection in which a surge protection element is in electrical communication with the ground and the connection points for incoming and outgoing wires. The terminal block includes a terminal body having a terminal body housing, a plurality of conductive elements arranged within the terminal body to create a continuous electrical path therethrough and a disconnect switch integral the terminal body the switch arranged to open the continuous electrical path and expose a terminal. The terminal body is configured to receive a surge protection element and the surge protection element when received in the terminal body forms a portion of the continuous electrical path.

No. of Pages : 37 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4215/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : CONTROLLER UNIT AND DEVICE FOR RESETTING AN OSCILLATOR EXCITED BY A HARMONIC OSCILLATION AND YAW RATE SENSOR

(51) International classification :G05B5/01
(31) Priority Document No :10 2010 055 631.9
(32) Priority Date :22/12/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/006356
Filing Date :15/12/2011
(87) International Publication No :WO 2012/084153
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)SPAHLINGER G¼nter
2)RUF Markus

(57) Abstract :

The invention relates to a controller unit (220) comprising a PI controller (225 325) for harmonic reference variables. The transmission function of the PI controller (225 325) for harmonic reference variables has a conjugate complex pole at a control loop frequency in the s plane or a pole at in the z plane wherein T is the sampling time of a discrete input signal of the PI controller (225 325) and is greater than 0. The control loop frequency is chosen to be equal to the resonant circuit frequency of an oscillator (190). The controller parameters are determined for example by pole zero cancellation. The controller unit (220) enables for example control of harmonic oscillators acting over a wide band in yaw rate sensors (500 505).

No. of Pages : 54 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4958/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : CONTROL OF RESIN MOLECULAR WEIGHT DISTRIBUTION USING MIXED CATALYST SYSTEMS

(51) International classification	:C08F10/00
(31) Priority Document No	:61/428964
(32) Priority Date	:31/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/066743
Filing Date	:22/12/2011
(87) International Publication No	:WO 2012/092105
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)JORGENSEN Robert James

(57) Abstract :

A polymerization process including the use of a first Ziegler Natta type procatalyst having no internal electron donor and a second Ziegler Natta type procatalyst including an internal electron donor is provided.

No. of Pages : 30 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5065/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : COMPENSATED PATCH CLAMP AMPLIFIER FOR NANOPORE POLYNUCLEOTIDE SEQUENCING AND OTHER APPLICATIONS

(51) International classification :G01N33/483,C12M1/34
(31) Priority Document No :61/572829
(32) Priority Date :20/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/047231
Filing Date :18/07/2012
(87) International Publication No :WO 2013/012940
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :

1)DUNBAR William

2)KIM Jungsuk

3)PEDROTTI Kenneth

(57) Abstract :

A compensated patch clamp system for polynucleotide sequencing and other applications.

No. of Pages : 35 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/06/2013

(21) Application No.5066/CHENP/2013 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : MECHANICAL AND ANTICORROSIVE PROTECTION VINYL TAPE

(51) International classification :C09J7/02,C09J7/04,C09J109/02
(31) Priority Document No :PI 10055827
(32) Priority Date :30/12/2010
(33) Name of priority country :Brazil
(86) International Application No:PCT/US2011/066860
Filing Date :22/12/2011
(87) International Publication No :WO 2012/092129
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)CORREA ARANTES Vanessa
2)YAMASHITA Mitsuo M.

(57) Abstract :

Pressure sensitive tape for anticorrosion steel pipe protection used primarily in cases of repair and maintenance comprising vinyl base tape laminated with a nitrile rubber based adhesive of the following composition: about 30.7 to about 34.0% (w/w) solid butadiene acrylonitrile rubber (NBR); about 0.57 to about 0.63% (w/w) antioxidant; about 9.7 to about 12.9% (w/w) hydrocarbon resin; about 1.52 to about 1.68% (w/w) zinc oxide; about 8.7 to about 9.5% (w/w) liquid butadiene acrylonitrile rubber.(NBR); about 4.0 to about 4.4% (w/w) aluminium hydrosilicate; about 5.5 to about 7.5% (w/w) diisononyl phthalate; about 0.66 to about 0.74% (w/w) carbon black; about 1.5 to about 1.7% (w/w) amorphous silica; and about 25.8 to about 38.8% (w/w) magnesium and calcium carbonate. The tape exhibits a good ability to conform to irregular surfaces good elasticity good impact resistance excellent pipe adhesion and good cathodic detachment. The tape is ideally used in conjunction with a primer that improves adhesion between the pipe and the adhesive portion of the tape.

No. of Pages : 13 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/04/2013

(21) Application No.3292/CHENP/2013 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : ENDOLUMINAL LASER ABLATION DEVICE AND IMPROVED METHOD FOR TREATING VEINS

(51) International classification :A61B18/20
(31) Priority Document No :12/895488
(32) Priority Date :30/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/036095
Filing Date :11/05/2011
(87) International Publication No :WO 2012/047309
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)NEUBERGER Wolfgang
2)HARSCHACK Alexander

(57) Abstract :

An improved method and device provides safe and efficient low power density endoluminal treatment of venous insufficiency and similar procedures. One such device emits pulsed or continuous energy radially from an optical fiber with two or more emitting portions at its distal region for 360° radial (circumferential) emission onto the vein. Each emitting section comprises at least one fiber with a truncated cone and a short fiber segment with a conical tip at the distal end of the fiber assembly. Geometrical dimensions of emitting sections such as truncated cone diameter fiber core diameter and length of final distal fiber segment can vary. In a preferred embodiment the fiber and the short fiber segment are butt coupled inside a glass dome and laterally fused to the protective glass dome. In another preferred embodiment the truncated cone of the fiber is glued to the proximal end of the fiber segment in another embodiment the contact area is fused first then an outer tube is attached. Laser radiation is transmitted at a wavelength and power such that is it substantially entirely absorbed within a fraction of the blood vessel wall to sufficiently damage the intravascular endothelium and in turn achieve blood vessel closure. Exemplary wavelengths include 980 nra 1470 nm and 1950 nm. The need for a local anesthetic is substantially diminished compared to earlier products. The presence of multiple emission points allows increased withdrawal speeds and/or setting emitted energy levels at minimum values.

No. of Pages : 25 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3293/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : AQUEOUS COMPOSITION FOR PRETREATING A METAL SURFACE BEFORE APPLYING ANOTHER COATING OR FOR TREATING SAID SURFACE

(51) International classification	:C23C22/48	(71)Name of Applicant :
(31) Priority Document No	:102010043002.1	1)CHEMETALL GMBH
(32) Priority Date	:27/10/2010	Address of Applicant :Trakehner Strae 3 60487 Frankfurt am
(33) Name of priority country	:Germany	Main Germany
(86) International Application No	:PCT/EP2011/068742	(72)Name of Inventor :
Filing Date	:26/10/2011	1)BUKEIKHANOVA Saule
(87) International Publication No	:WO 2012/055908	2)KOMANDER Mathias
(61) Patent of Addition to Application		
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an aqueous composition for pretreating a metal surface before applying another coating or for treating said surfaces. The aqueous composition is obtained by adding a) at least natrium kalium and/or ammonium water glass and b) at least one silane to water the quantity ratio of a) to b) preferably ranging from 0.1 : 1 to 2 : 1 including the reaction products produced therefrom in each case.

No. of Pages : 13 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3698/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/05/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : PRODUCT AND METHOD FOR THE REMOVAL OF BIOFILMS

(51) International classification :C11D3/386,C11D3/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/065566
Filing Date :15/10/2010
(87) International Publication No :WO 2012/048757 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)BOELS Gauthier
2)BLACKMAN Gordon
3)FASTREZ Sbastien

(57) Abstract :

Composition for the removal of biofilms present on a substrate characterized in that it comprises at least one detergent component comprising at least one sequestrant and one agent that is simultaneously a wetting agent and a dispersant and at least one enzymatic component containing at least one protease at least one laccase and at least one polysaccharidase method thereof for the removal of biofilms and use thereof.

No. of Pages : 30 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4348/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : MODE DEPENDENT SCANNING OF COEFFICIENTS OF A BLOCK OF VIDEO DATA

(51) International classification :H04N7/26
(31) Priority Document No :61/426,349
(32) Priority Date :22/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/064964
Filing Date :14/12/2011
(87) International Publication No :WO 2012/087713 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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U.S.A.
(72)Name of Inventor :
1)ZHENG Yunfei
2)COBAN Muhammed Zeyd
3)SOLE ROJALS Joel
4)KARCZEWICZ Marta

(57) Abstract :

This disclosure describes apparatuses and methods of encoding coefficients associated with a block of video data. In one example a method may comprise selecting a scan order for the coefficients based on an intra coding mode used to predict the block of video data and a transform block size used in transforming the block of video data and generating a syntax element to communicate the selected scan order for the block of video data.

No. of Pages : 51 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5152/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :11/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : PHASE SELECTIVE GELATION WITH ALKYLATED AROMATIC ACID COMPOUNDS

(51) International classification	:C07C209/00	(71)Name of Applicant :
(31) Priority Document No	:13/327,664	1)XEROX CORPORATION
(32) Priority Date	:15/12/2011	Address of Applicant :45 GLOVER AVENUE, P.O. BOX
(33) Name of priority country	:U.S.A.	4505, NORWALK, CONNECTICUT 06856-4505 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DARREN MAKEIFF
(87) International Publication No	: NA	2)RINA CARLINI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a process which comprises mixing an alkylated aromatic acid with a mixture comprising a first liquid and a second liquid, thereby causing formation of an organogel comprising the alkylated aromatic acid and the first liquid.

No. of Pages : 42 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5046/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : BLEED RESISTANT OIL EXTENDED OLEFIN BLOCK COPOLYMER COMPOSITION WITH MICROCRYSTALLINE WAX

(51) International classification :C08L23/08,C08L53/00,C08L91/06
(31) Priority Document No :61/428370
(32) Priority Date :30/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/064882
Filing Date :14/12/2011
(87) International Publication No :WO 2012/091924
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)DOW GLOBAL TECHNOLOGIES LLC
Address of Applicant :2040 Dow Center Midland MI 48674 U.S.A.
(72)Name of Inventor :
1)JOHNSTON Robert T.
2)BATRA Ashish
3)LIANG Wenbin

(57) Abstract :

Disclosed are oil extended olefin block copolymer compositions with microcrystalline wax. The microcrystalline wax reduces oil bleed while maintaining composition softness.

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5047/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : BUILDING COMPOSITION COMPRISING CELLULOSE ETHER

(51) International classification :C04B24/38,C04B28/02,C04B28/04
(31) Priority Document No :61/565653
(32) Priority Date :01/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/065140
Filing Date :15/11/2012
(87) International Publication No :WO 2013/081836
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)DOW GLOBAL TECHNOLOGIES LLC
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(72)Name of Inventor :
1)KIESEWETTER Rene
2)GROTE Grit
3)BRACKHAGEN Meinolf
4)KNARR Matthias
5)ADDEN Roland

(57) Abstract :

Cellulose ethers wherein at least a part of the hydroxyl groups of the cellulose backbone are substituted by methoxy groups and hydroxyalkoxy groups and optionally alkoxy groups being different from methoxy groups having an unconventional distribution of methoxy substituents at the 2 3 and 6 positions of the anhydroglucose units are described. Such cellulose ethers exhibit significantly higher thermoreversible gel strengths than any known hydroxyalkyl methyl celluloses of comparable viscosity and kind and level of substitution rendering them useful as additives for building compositions such as cement based tile adhesives. In particular such cellulose ethers can be used to improve the attainable adhesion strength after heat storage conditioning and the temporal setting characteristics of a building composition.

No. of Pages : 33 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5048/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : IMAGE PROCESSING DEVICE AND IMAGE PROCESSING METHOD

(51) International classification :H04N7/26,G09G3/20,G09G3/36
(31) Priority Document No :2010268098
(32) Priority Date :01/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/075403
Filing Date :04/11/2011
(87) International Publication No:WO 2012/073644
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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(72)Name of Inventor :
1)YAMAGUCHI Masayuki
2)SHINJO Shinji

(57) Abstract :

Provided is an image processing device which reduces the influence to output image data from a compression error of image data generated in the previous frame. An image processing device generates a compression error prediction value (ERR) on the basis of input image data (DI) generates substitute image data (DIA) of the input image data (DI) on the basis of the appearance tendency of the compression error selects the input image data (DI) or the substitute image data (DIA) as current image data (DC) on the basis of the compression error prediction value (ERR) generates subsequent state image data (DP) on the basis of the current image data (DC) and state image data (DR) generates compressed state image data (DPC) by compressing the subsequent state image data (DP) stores the compressed state image data in a frame memory (18) generates the state image data (DR) by reading the compressed state image data (DPC) from the frame memory (18) and expanding and generates output image data (DQ) on the basis of the current image data (DC) and the state image data (DR).

No. of Pages : 48 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/12/2012

(21) Application No.5176/CHE/2012 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : DIMMER

(51) International classification	:H05B
(31) Priority Document No	:2012-005932
(32) Priority Date	:16/01/2012
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)PANASONIC CORPORATION

Address of Applicant :1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501 Japan

(72)Name of Inventor :

1)HIRATA, SATOSHI

2)MATSUURA, SHUJI

3)SASAKI, MAI

(57) Abstract :

A dimmer A comprises; a variable resistor 70 of rotary type, a dimming controller unit 101, a dimming operation part, a case 1, wherein said dimming controller unit 101 controls a dimming level of an illumination load 200 in accordance with resistance value of said variable resistor 70, wherein said dimming operation part is attached to a rotation axis 70a of said variable resistor 70 and changes resistance value of said variable resistor 70 in accordance with a rotation operation, wherein said case is configured to house at least said variable resistor 70 and said dimming controller unit 101, wherein a lever part 6 is configured to contact with an operator 71a of a change-over switch 71 sifting a state of turning on / off of said illumination load 200 when rotating to prescribed position together with said rotation axis 70a in accordance with a rotation of said dimming operation part and to turn off said illumination load 200, wherein said lever part 6 is formed detachably along said rotation axis 70a.

No. of Pages : 22 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4772/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : HINT ENABLED SEARCH ADVERTISEMENTS

(51) International classification :G06Q30/02,G06F17/30
(31) Priority Document No :12/981168
(32) Priority Date :29/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/064299
Filing Date :11/12/2011
(87) International Publication No :WO 2012/091887
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)MICROSOFT CORPORATION
Address of Applicant :One Microsoft Way Redmond
Washington 98052 6399 U.S.A.
(72)Name of Inventor :
1)DANGALTCHEV Tchavdar Atanassov
2)SATTARU Praveen Chakravarthy

(57) Abstract :

Systems methods and computer media for providing advertisement hints as well as keyword search query results graphical user interfaces are provided. A keyword search query area is capable of receiving a keyword search query from a user. At least one search result area displays an Internet web page link and corresponding text relevant to a received user keyword search query. At least one search advertisement area displays an advertisement comprising an Internet web page link and corresponding text. User interaction with the advertisement area causes an advertisement hint to appear proximate to the advertisement area.

No. of Pages : 25 No. of Claims : 15

(54) Title of the invention : DOWNHOLE PUNCH COMPONENT

(51) International classification :E21B29/08,E21B34/06,E21B23/14
 (31) Priority Document No :10192706.9
 (32) Priority Date :26/11/2010
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2011/071039
 Filing Date :25/11/2011
 (87) International Publication No :WO 2012/069634 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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Denmark

(72)Name of Inventor :

1)HALLUNDB†K J,rgen**2)HAZEL Paul**

(57) Abstract :

The present invention relates to a downhole punch for insertion into a wall of a casing. The downhole punch comprises a body having a first end and a second end and a through bore forming an inner face of the body and an outer face of the body wherein the first end comprises at least one cutting edge at least forming a leading tip or a leading edge for punching an opening in the casing and a component is arranged in the through bore. The present invention also relates to a downhole valve for insertion into a wall of a casing. The downhole valve comprises a housing having a first end and a second end and an inner face and an outer face. Furthermore the invention relates to a downhole tool for inserting a downhole valve into a wall of a casing to a downhole system comprising the downhole tool as well as to a downhole method for insertion of a downhole unit into a casing downhole.

No. of Pages : 21 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4987/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : VIBRATION DEVICE AND ELECTRONIC APPARATUS

(51) International classification :H04R17/10,H04M1/02,H04R1/00

(31) Priority Document No :2010291873

(32) Priority Date :28/12/2010

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2011/006572

Filing Date :25/11/2011

(87) International Publication No :WO 2012/090383

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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2)KISHINAMI Yuichiro

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4)MURATA Yukio

5)SATO Shigeo

6)KOMODA Motoyoshi

7)KAWASHIMA Nobuhiro

8)UCHIKAWA Tatsuya

(57) Abstract :

This vibration device (electroacoustic transducer (100)) is provided with a vibrating element (110) having: an oscillating member (120); and a piezoelectric element (111) attached to one of the surfaces of the oscillating member (120). The vibration device is provided with a sheet shaped waterproof member (140) configured from a waterproof material. The vibration device is provided with a frame shaped support member (130) that holds the outer periphery of the oscillating member (120) and the outer periphery of the waterproof member (140) in a manner so that the waterproof member (140) and the vibrating element (110) face each other. The vibration device is provided with a joining member (150) that partially joins together the facing surfaces of the vibrating element (110) and the waterproof member (140).

No. of Pages : 32 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5230/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :14/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : ANGLE-PROFILE ROLLING METHOD AND APPARATUS

<p>(51) International classification :B21B1/00</p> <p>(31) Priority Document No :10 2011 121 512.7</p> <p>(32) Priority Date :16/12/2011</p> <p>(33) Name of priority country :Germany</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)SMS MEER GMBH Address of Applicant :OHLERKIRCHWEG 66, 41069 MONCHENGLADBACH Germany</p> <p>(72)Name of Inventor : 1)KOSAK, THOMAS 2)MINNEROP, MICHAEL 3)ROTTGER, JURGEN 4)NERZAK, DR. THOMAS</p>
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(57) Abstract :

A rolling apparatus for rolling angle profiles from rolling stock has upper and lower horizontal profile rolls rotatable about respective parallel upper and lower axes and together defining an open or closed roll gap that lies in a rolling plane perpendicular to a travel direction of the rolling stock. At least one pair of nonhorizontal edging rolls laterally compress the rolling stock and define a rolling plane extending perpendicular to the travel direction of the rolling stock. The rolling plane defined by the profile rolls and the rolling plane defined by the pair of edging rolls are not coplanar with each other. This rolling stand can do angle rolling in reversing and also continuous operating mode.

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3223/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD FOR REMOVING RESIDUAL ORGANIC SOLVENT FROM MICROPARTICLES

(51) International classification :A61K9/16,A61K38/31
(31) Priority Document No :61/388,050
(32) Priority Date :30/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/053655
Filing Date :28/09/2011
(87) International Publication No :WO 2012/044671 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RAICHE Adrian T.
2)PERKINS Brenda H.

(57) Abstract :

Disclosed herein are methods comprising suspending microparticles in a surfactant/non polar alkane solution to remove residual solvent that is present in the microparticle.

No. of Pages : 18 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3299/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :26/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : A DISTRIBUTED VIRTUAL STORAGE CLOUD ARCHITECTURE AND A METHOD THEREOF

(51) International classification	:G06F11/14
(31) Priority Document No	:2923/CHE/2010
(32) Priority Date	:01/10/2010
(33) Name of priority country	:India
(86) International Application No	:PCT/IB2011/054329
Filing Date	:03/10/2011
(87) International Publication No	:WO 2012/042509
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)CHACKO Peter

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(72)Name of Inventor :

1)CHACKO Peter

(57) Abstract :

The present disclosure relates to a distributed information storage system which functions as virtual cloud storage overlay on top of physical cloud storage systems. The disclosure discloses transparently solving all the data management related security virtualization reliability and enables transparent cloud storage migration cloud storage virtualization information dispersal and integration across disparate cloud storage devices operated by different providers or on premise storage. The cloud storage is owned or hosted by same or different third party providers who own the information contained in the storage which eliminates cloud dependencies. This present disclosure functions as a distributed cloud storage delivery platform enabling various functionalities like cloud storage virtualization cloud storage integration cloud storage management and cloud level RAID.

No. of Pages : 60 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/06/2013

(21) Application No.4491/CHENP/2013 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : PROTEIN PRODUCTION METHOD

(51) International classification:C12N15/09,C12N5/10,C12P21/02

(31) Priority Document No :2010279849

(32) Priority Date :15/12/2010

(33) Name of priority country :Japan

(86) International Application
No :PCT/JP2011/078935

Filing Date :14/12/2011

(87) International Publication
No :WO 2012/081628

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

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1)KAWAKAMI Koichi

2)KUROKAWA Megumi

3)YAMAGUCHI Keina

4)OGAWA Risa

5)TSUKAHARA Masayoshi

6)HAYASHI Yoko

(57) Abstract :

The invention relates to a method for introducing an expression vector which comprises a gene fragment containing a DNA encoding a target protein and has a pair of transposon sequences at both ends of the gene fragment into suspension mammalian cells of at least one type to integrate the gene fragment containing the DNA encoding the target protein inserted between the pair of transposon sequences into a chromosome of the mammalian cells a method for suspension culturing suspension mammalian cells producing the target protein to produce the target protein and suspension mammalian cells expressing the target protein.

No. of Pages : 141 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4884/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD FOR OPERATING AN INJECTION SYSTEM FOR AN INTERNAL COMBUSTION ENGINE

(51) International classification :F02D41/34,F02D41/36,F02M69/04
(31) Priority Document No :102010064184.7
(32) Priority Date :27/12/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/069702
Filing Date :09/11/2011
(87) International Publication No :WO 2012/089389
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Germany
(72)Name of Inventor :
1)POSSELT Andreas
2)LORENZ Marko
3)GUTSCHER Andreas

(57) Abstract :

The invention relates to a method for operating an injection system for an internal combustion engine comprising a combustion chamber wherein in a first method step a first inlet valve to the combustion chamber is opened and a first injection valve injects fuel through the opened first inlet valve into the combustion chamber. Furthermore in the first method step a second inlet valve to the combustion chamber is opened and a second injection valve injects fuel into the combustion chamber through the opened second inlet valve. In a second method step additional fuel is injected by the first injection valve into the combustion chamber through the still open first inlet valve.

No. of Pages : 12 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5335/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :20/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : SOLID INK STICK CONFIGURATION

(51) International classification	:B41J2/00	(71) Name of Applicant :
(31) Priority Document No	:13/334,569	1)XEROX CORPORATION
(32) Priority Date	:22/12/2011	Address of Applicant :45 GLOVER AVENUE, P.O. BOX
(33) Name of priority country	:U.S.A.	4505, NORWALK, CONNECTICUT 06856-4505 U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)BRENT RODNEY JONES
(87) International Publication No	: NA	2)FREDERICK T. MATTERN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A solid ink stick configuration efficiently provides functional features for use of the ink stick in a phase change ink printer without adversely impacting the volumetric content of the ink stick and its appearance.

No. of Pages : 21 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5337/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :20/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : TONER COMPOSITIONS OF BIODEGRADABLE AMORPHOUS POLYESTER RESINS

(51) International classification	:C09D167/00	(71)Name of Applicant :
(31) Priority Document No	:13/336,707	1)XEROX CORPORATION
(32) Priority Date	:23/12/2011	Address of Applicant :45 GLOVER AVENUE, P.O. BOX
(33) Name of priority country	:U.S.A.	4505, NORWALK, CONNECTICUT 06856-4505 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SACRIPANTE, GUERINO G.
(87) International Publication No	: NA	2)ZHOU, KE
(61) Patent of Addition to Application Number	:NA	3)DUQUE, ROSA, M.
Filing Date	:NA	4)HADZIDEDIC, SONJA
(62) Divisional to Application Number	:NA	5)ASFAW, BIRITAWIT
Filing Date	:NA	

(57) Abstract :

Disclosed is a toner that includes a mixture of a bio-based amorphous polyester resin, a crystalline polyester resin, and a colorant.

No. of Pages : 49 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3180/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : SECURITY ELEMENT

(51) International classification :B41M3/14,B42D15/00
(31) Priority Document No :61/387490
(32) Priority Date :29/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/066768
Filing Date :27/09/2011
(87) International Publication No :WO 2012/041851
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BASF SE
Address of Applicant :67056 Ludwigshafen Germany
(72)Name of Inventor :
1)BOLLE Thomas
2)REICHERT Hans
3)RICHERT Michelle
4)ZHURMINSKY Igor
5)SCHNIEPER Marc

(57) Abstract :

The present invention is in the field of security documents more particularly in the field of security elements aimed to protect security documents against copying (illegal reproduction) and counterfeiting. It discloses a security element having a security feature which changes its visual appearance after irradiation with light especially with UV light and at rotation and/or tilting. Security documents comprising said security element as well as a method for producing said security element are also disclosed.

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3182/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : COMBING ELEMENT

(51) International classification :D01G19/10
(31) Priority Document No :10 2010 043 064.1
(32) Priority Date :28/10/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/068500
Filing Date :24/10/2011
(87) International Publication No :WO 2012/055799
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)STAEDTLER + UHL KG
Address of Applicant :Nrdliche Ringstrasse 12 91126
Schwabach Germany
(72)Name of Inventor :
1)DORR Erwin
2)HENNINGER Friedrich

(57) Abstract :

A combing element for a combing machine for combing textile fibres comprises a basic body (2) with a centre longitudinal axis (3) a circumferential surface (4) and two end surfaces (5) at least one catch (10) which is arranged on the circumferential surface (4) of the basic body (2) a profiled strip (9) for connecting the at least one catch (10) to the basic body (2) and a torsion rod (16) for locking and unlocking the profiled strip (9) on the basic body (2) wherein the profiled strip (9) is arranged in a receiving groove (14) of the basic body (2) and comprises a pivoting lever (19) by means of which the profiled strip (9) can be pivoted about a pivot axis (20) which is arranged parallel to the centre longitudinal axis (3) the torsion rod (16) is arranged in the receiving groove (14) such that it can be rotated about a rotational axis (17) which is arranged parallel to the centre longitudinal axis (3) the torsion rod (16) is accessible from outside the combing region in particular from at least one of the end surfaces (5) the torsion rod (16) has a non round cross section which is oriented perpendicularly with respect to the rotational axis (17) the torsion rod (16) is arranged on the pivoting lever (19) in such a way that as a result of a rotation about the rotational axis (17) the torsion rod (16) can be displaced between a locked position for locking the profiled strip (9) on the basic body (2) and an unlocked position for unlocking the profiled strip (9) on the basic body (2).

No. of Pages : 39 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4407/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : IMPROVED EPOXY SYSTEMS AND AMINE POLYMER SYSTEMS AND METHODS FOR MAKING THE SAME

(51) International classification	:C08L63/00
(31) Priority Document No	:12/966,709
(32) Priority Date	:13/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/062186
Filing Date	:28/11/2011
(87) International Publication No	:WO 2012/082342 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MOMENTIVE SPECIALTY CHEMICALS INC.
Address of Applicant :180 East Broad Street Columbus OH 43215 U.S.A.
(72)**Name of Inventor :**
1)ELMORE Jim D.
2)CORLEY Larry Steven
3)HITE Jerry R.

(57) Abstract :

Compositions and methods for forming surfactants aqueous dispersions and curing agents are provided. In one aspect the invention relates to improved epoxy functional surfactants prepared by reaction of an epoxy composition and an amidoamine composition formed from a blend of acid terminated polyoxyalkylene polyols. The improved epoxy functional surfactants may be reacted with an excess of epoxy composition and water to result in an aqueous dispersion. The amidoamine composition may be a reaction mixture of a diamine compound and an acid terminated polyoxyalkylene composition formed from two or more polyoxyalkylene polyol compounds. The epoxy functional surfactant may be reacted with amine compounds to form a compound suitable as a curing agent.

No. of Pages : 66 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5352/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :21/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : A LOW NOX-EMISSION SELF-REGENERATION COMBSUTION SYSTEM

(51) International classification	:F23G7/00
(31) Priority Document No	:MI2011A002380
(32) Priority Date	:23/12/2011
(33) Name of priority country	:Italy
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DANIELI & C. OFFICINE MECCANICHE, S.P.A.
Address of Applicant :VIA NAZIONALE 41, I-33042
BUTTRIO Italy
2)DANIEL CENTRO COMBUSTION S.P.A.
(72)**Name of Inventor :**
1)ASTESIANO, DAVIDE
2)LEONCINI, CLAUDIO

(57) Abstract :

A self-regenerative combustion system comprising a single burner, capable of operating both during the combustion step and the waste gas aspiration step, and a valve with four ways and three positions, capable of switching the regeneration and the on/off control (oxydizing agent end and waste gas end). The system is provided for obtaining the maximum efficiency, flexibility, minimum fuel consumption and minimum environmental impact with reduced NOx emissions. Classe internazionale F 23 C 5 00

No. of Pages : 56 No. of Claims : 16

(54) Title of the invention : VEHICULAR DRIVING ASSIST DEVICE

(51) International classification :G08G1/16,B60W30/16,B60W40/04
 (31) Priority Document No :2010278752
 (32) Priority Date :15/12/2010
 (33) Name of priority country:Japan
 (86) International Application No :PCT/JP2011/006878
 Filing Date :09/12/2011
 (87) International Publication No :WO 2012/081208
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)HONDA MOTOR CO. LTD.
 Address of Applicant :1 1 Minami Aoyama 2 chome Minato
 ku Tokyo 1078556 Japan
 (72)**Name of Inventor :**
1)KOSHIZEN Takamasa

(57) Abstract :

A vehicular driving assist device of the present invention includes: a determination means which determines the traffic flow status in a lane where the vehicle is driving said determination being made on the basis of the acceleration of the vehicle and the distance between the vehicle and another nearby vehicle; and a driving control means which controls the driving of the vehicle and is capable of changing driving control in response to a determination result from the determination means. The driving control means changes the driving control when the determination result indicates that the traffic flow status is a critical region status which exists during transition from a free flow status where there is a low possibility of congestion to a mixed flow status where a vehicular braking status and an acceleration status are mixed.

No. of Pages : 29 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4900/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD FOR ASSEMBLING VEHICLE DOOR AND CORNER WINDOW EXTERNAL FACING PLATE THEREOF

(51) International classification	:B60J5/04,B60R13/04	(71)Name of Applicant :
(31) Priority Document No	:2010264912	1)HONDA MOTOR CO. LTD.
(32) Priority Date	:29/11/2010	Address of Applicant :1 1 Minami Aoyama 2 chome Minato
(33) Name of priority country	:Japan	ku Tokyo 1078556 Japan
(86) International Application No	:PCT/JP2011/073516	(72)Name of Inventor :
Filing Date	:13/10/2011	1)TAKAGAI Hiroyuki
(87) International Publication No	:WO 2012/073600	2)KATO Masahiro
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a vehicle door (12) which is so configured that a corner window opening section (54) is covered with a corner window external facing plate (43). The vehicle door (12) is provided with an auxiliary sash section (38) the corner window external facing plate (garnish) (43) covering the corner window opening section (54) and a seal member (45) mounted on a roll sash section (37). An opening (56) of the roll sash section (37) faces in the central direction of a window opening section (53). The corner window external facing plate (43) is provided with: a main body plate (58); a seal contact section (63) continuous to an edge (61) of the main body plate (58) and in contact with an outer sealing surface (62) of the seal member (45); a first locking claw (64) formed on the main body plate (58); and a second locking claw (65) facing in the opposite direction to the first locking claw (64). The first locking claw (64) is locked by an end (73) of the opening (56). The second locking claw (65) is locked by a locking hole (78).

No. of Pages : 38 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5008/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :26/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : BLEED RESISTANT OIL EXTENDED OLEFIN BLOCK COPOLYMER COMPOSITION WITH PRECIPITATED SILICA

(51) International classification :C08L23/08,C08K3/00,C08K5/00
(31) Priority Document No :61/428410
(32) Priority Date :30/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/064874
Filing Date :14/12/2011
(87) International Publication No :WO 2012/091923
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)DOW GLOBAL TECHNOLOGIES LLC
Address of Applicant :2040 Dow Center Midland MI 48674
U.S.A.
(72)Name of Inventor :
1)JOHNSTON Robert T.
2)BATRA Ashish
3)LAAKSO Raymond L.
4)LIANG Wenbin

(57) Abstract :

Disclosed are oil extended olefin block copolymer compositions with precipitated silica. The precipitated silica reduces oil bleed while maintaining composition softness.

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5127/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : AMINO ACID COMPOSITIONS FOR THE TREATMENT OF DIABETIC RETINOPATHY

(51) International classification	:A61K38/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VISION RESEARCH FOUNDATION
(32) Priority Date	:NA	Address of Applicant :OLD 18, NEW 41, COLLEGE ROAD,
(33) Name of priority country	:NA	CHENNAI 600 006 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. N. ANGAYARKANNI
(87) International Publication No	: NA	2)MS. R. SELVI
(61) Patent of Addition to Application Number	:NA	3)MS. G. KALAIVANI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Amino acid compositions for the treatment of diabetic retinopathy comprising in combination the following ingredients selected from groups (1) Gly / Cys/ Leu / Ala/Arg, (2) Lys/ Ile / Glu/ Cys / Gly.

No. of Pages : 6 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5383/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :24/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : A DEVICE IN A VEHICLE TO ALERT AN EMERGENCY CENTER ABOUT AN EMERGENCY EVENT AND A METHOD THEREOF

(51) International classification	:G08B25/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED
(32) Priority Date	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(33) Name of priority country	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	2)ROBERT BOSCH GMBH
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SRI TRINADH KUMAR MADALA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device (100) in a vehicle to alert an emergency center about an emergency event is disclosed. The device comprises a receiving means (116) to receive data from a plurality of sensors (104) to detect the emergency event in the vehicle, an emergency initiation means (106) to initiate an emergency mode of an actuating element (112) based on the detected emergency event, a means (108) to generate an emergency information when the actuation element (112) is activated for a pre-determined duration during the emergency mode, and a means (110) to send said emergency information to the emergency center (114).

No. of Pages : 11 No. of Claims : 9

(54) Title of the invention : STRUCTURAL WARP KNIT SHEET AND LAMINATE THEREOF

(51) International classification :D04B21/20,B32B5/26,B64C1/00
 (31) Priority Document No :2010-255547
 (32) Priority Date :16/11/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/076166
 Filing Date :14/11/2011
 (87) International Publication No :WO 2012/067063 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
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 Address of Applicant :1 1 Nihonbashi Muromachi 2 chome
 Chuo ku Tokyo 1038666 Japan
 (72)**Name of Inventor :**
1)HORIBE Ikuo
2)WADAHARA Eisuke
3)YAMANOUCHI Masahiro
4)SHINODA Tomoyuki

(57) Abstract :

The invention relates to a warp knit sheet which has excellent conformability to shapes having a curved surface and has excellent mechanical properties which can form a thick wall part which can accommodate a molding method having excellent suitability for mass production and which is for use in spars or stringers each having a curved surface. The invention further relates to a laminate of the warp knit sheets. The structural warp knit sheet is a warp knit sheet for spars or stringers which comprises: a warp knit structure constituted of chain stitch structures configured of ground knitting yarns; longitudinal insertion yarns that have been inserted in the longitudinal direction into the warp knit structure the longitudinal insertion yarns being continuous carbon fiber yarns; and transverse insertion yarns that have been inserted in directions along which the transverse insertion yarns shuttle between the adjacent chain stitch structures the chain stitch structures having been united by means of the transverse insertion yarns. The longitudinal insertion yarns are carbon fiber yarns which each is composed of 12 000 50 000 filaments and has a tensile strength of 4 GPa or higher a tensile modulus of 220 450 GPa and a drape value of 4 22. The structural warp knit sheet has been configured so that the longitudinal insertion yarns in the warp knit sheet each can be moved independently of the adjacent yarns and can be arranged along the shape of a curved surface.

No. of Pages : 41 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5391/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :24/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : SYSTEM AND METHOD FOR AUTOMATED CODING AND TESTING OF BENEFITS

(51) International classification :G06Q40/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)COGNIZANT TECHNOLOGY SOLUTIONS INDIA PVT. LTD.

Address of Applicant :TECHNO COMPLEX, NO. 5/535, OLD MAHABALIPURAM ROAD, OKKIYAM THORAIPAKKAM, CHENNAI - 600 097 Tamil Nadu India

(72)Name of Inventor :

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2)JANAKIRAMAN RADHAKRISHNAN

3)BALAMURUGAN SUBRAMANIAN

4)GUNASEKARAN R

5)SANKAR KASILINGAM

6)GURUMURTHY HARIKRISHNAN

7)GOPI KRISHNAPPA

(57) Abstract :

A system and method for automated coding and testing of insurance benefits is provided. The system comprises a user interface to receive data pertaining to benefits based on insurance benefits contracts and to create Benefit Plan Designs (BPDs) using the received data. The system further comprises a benefits mapping module to map the benefits from the BPDs with pre-stored benefits in a repository. Further, the system comprises a benefit code translator to translate the mapped benefits into codes or mnemonics and a benefit code updating engine to update the codes or mnemonics into one or more claims platforms. In addition, the system comprises a test scenario mapping module to generate test claims and expected results and to execute the generated test claims on the one or more claims platforms to generate actual test results. The system also comprises a validation engine to validate the codes or mnemonics.

No. of Pages : 54 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5393/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :24/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : EXHAUST PURIFICATION CATALYST

(51) International classification	:B01D53/00	(71)Name of Applicant :
(31) Priority Document No	:2011-289612	1)HONDA MOTOR CO., LTD.
(32) Priority Date	:28/12/2011	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(33) Name of priority country	:Japan	MINATO-KU, TOKYO, 107-8556 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MATSUO, YUICHI
(87) International Publication No	: NA	2)ISHIMARU, SHINYA
(61) Patent of Addition to Application Number	:NA	3)WATANABE, TAKAYUKI
Filing Date	:NA	4)SEKI, CHIAKI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An exhaust purification catalyst is provided having high adherence that can suppress peeling during production and during use. An exhaust purification catalyst (11) includes: a first catalyst layer provided on a carrier, and containing noble metal including at least Pt, Al₂O₃, and at least one type selected from the group consisting of CeO₂, ZrO₂ and a complex oxide containing Ce and Zr; a second catalyst layer provided on the first catalyst layer, and containing noble metal including at least Rh, and at least one type selected from the group consisting of CeO₂, ZrO₂ and a complex oxide containing Ce and Zr; and a third catalyst layer provided on the second catalyst layer, and containing zeolite, in which the center particle sizes of catalyst particles in the first catalyst layer, the second catalyst layer and the third catalyst layer are in the range of 4 to 9 μ m.

No. of Pages : 55 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4733/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : PERFECTED GRINDING MACHINE AND GRINDING METHOD

(51) International classification	:B24B5/04,B24B41/06	(71)Name of Applicant :
(31) Priority Document No	:MI2010A002349	1)TENOVA S.P.A.
(32) Priority Date	:22/12/2010	Address of Applicant :Via Monte Rosa 93 I 20149 Milano
(33) Name of priority country	:Italy	Italy
(86) International Application No	:PCT/EP2011/006373	(72)Name of Inventor :
Filing Date	:13/12/2011	1)BOSELLI Giovanni
(87) International Publication No	:WO 2012/084159	2)COZZI Marco
(61) Patent of Addition to Application		3)ANDERSSON Thomas
Number	:NA	4)ANZINI Matteo
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a grinding machine (10) for operative cylinders of the type comprising a piece holder head (13) and a tailstock centre (12) between which an operative cylinder is positioned for being ground said machine (10) comprising moving means (16 90 97) associated with both the piece holder head (13) and the tailstock centre (12) to allow them to be moved along a common movement direction. A further object of the present invention relates to a grinding method.

No. of Pages : 28 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4827/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : RESTARTING DATA PROCESSING SYSTEMS

(51) International classification :G06F11/14,G06F9/48,G06F9/54
(31) Priority Document No :13/031,078
(32) Priority Date :18/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/025424
Filing Date :16/02/2012
(87) International Publication No:WO 2012/112763 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)AB INITIO TECHNOLOGY LLC
Address of Applicant :201 Spring Street Lexington
Massachusetts 02421 U.S.A.
(72)Name of Inventor :
1)DOUROS Bryan Phil
2)WHOLEY III Joseph Skeffington

(57) Abstract :

Techniques are disclosed that include a computer implemented method including transmitting a message (604) in response to a predetermined event (506) through a process stage including at least first and second processes being executed as one or more tasks the message instructing the abortion of the executing of the one or more tasks and initiating abortion of execution (606) of the one or more tasks by the one or more of the processes on receiving the messages.

No. of Pages : 29 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/06/2013

(21) Application No.5043/CHENP/2013 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : A PROCESS FOR PACKAGING A PRODUCT IN A SEALED WRAPPER OF SHEET MATERIAL

(51) International classification	:B65B11/50,B65B25/00	(71)Name of Applicant :
(31) Priority Document No	:TO2011A000043	1)SOREMARTEC S.A.
(32) Priority Date	:21/01/2011	Address of Applicant :Rue Joseph Netzer 5 B 6700 Arlon
(33) Name of priority country	:Italy	Belgium
(86) International Application No	:PCT/IB2012/050275	(72)Name of Inventor :
Filing Date	:20/01/2012	1)FEDERICI Fabio
(87) International Publication No	:WO 2012/098524	2)MASSA Luciano
(61) Patent of Addition to Application	:NA	3)SOBRERO Giovanni
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Process and corresponding apparatus for wrapping a product (P) in a wrapper of sheet material adhering to the surface of the product the process comprising the steps of: providing a first (2) and a second sheet (4) of wrapping material shaping said first sheet (2) according to a cup shaped configuration comprising a bottom portion (2a) substantially complementary to a bottom portion of the surface of the product a tubular portion (2b) which extends above the top of the product when inserted in said so shaped sheet and defining a mouth adapted for the introduction of the product and an annular flange terminal portion (2c) surrounding said mouth introducing the product (P) in said first shaped sheet (2) and connecting said second sheet (4) to said annular flange (2c) so as to form a closed wrapper around said product. Following the introduction of the product and prior to connection of said second sheet (4) with said annular flange it includes the operation to make a bottleneck of said tubular portion (2b) of said first sheet (2) in its region (2d) immediately above the top of the product exerting on said annular flange (2c) a pressure suitable to bind the edges of flange (2c) or to limit its radial movement so as to cause the adhesion of said tubular wall (2b) to a substantial portion of the top surface of the product.

No. of Pages : 20 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5475/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : DESIGN OF LOW COST OPERATING MECHANISM TO OPEN AND CLOSE THE COLLAPSIBLE WIND FRICTION REDUCTION ATTACHMENTS

(51) International classification	:B60P1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DOMMARAJU, KRISHNA MOHAN RAJU
(32) Priority Date	:NA	Address of Applicant :6/840, SARASWATHIPURAM,
(33) Name of priority country	:NA	RAJAMPET - 516 115, KADAPPA (DT.) Andhra Pradesh India
(86) International Application No	:NA	2)DR. K. VIJAYA KUMAR REDDY
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DOMMARAJU, KRISHNA MOHAN RAJU
(61) Patent of Addition to Application Number	:NA	2)DR. K. VIJAYA KUMAR REDDY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an operating mechanism to open and close the collapsible wind friction reduction attachment frames hinged on either sides of vertical edges of the front and rear portions of Bus/Truck consists of symmetrical operating mechanism at the front and rear, and this operating mechanism comprises a simple lever provided with telescopic lever positioned at the centre of lever is pivoted on the top of body frame and this simple lever is swiveled with the help of double acting hydraulic cylinder provided at the front portion mechanism and the telescopic lever free end is connected to the inner side frame with pivot joint and the inner side frame free end is connected to the outer side frame through a link whose other end pivoted cylinder is placed in the fixed guide way provided on the top of outer side frame and the top triangular frame one side is fixed to the inner side frame top and castor wheel support is provided at the opposite corner of fixed end and the simple levers ends of both front and rear portions are connected one to the other by wires in a crossed manner such that the opening and closing of both front and rear attachments occur simultaneously with the swiveling motion of simple lever.

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4872/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : THERMOPLASTIC VULCANIZATE COMPOSITION METHOD OF PRODUCING THE SAME AND ARTICLES MADE THEREFROM

(51) International classification :C08L23/10,C08L23/16,C08K5/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/CN2010/080500

Filing Date :30/12/2010

(87) International Publication No :WO 2012/088689 A1

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)DOW GLOBAL TECHNOLOGIES LLC

Address of Applicant :1790 Building Washington Street
Midland Michigan 48674 U.S.A.

(72)Name of Inventor :

1)SUN Sam Yabin

2)HUGHES Morgan

3)TAI Xiangyang

4)PAEGLIS Arnis

5)MARCHAND Gary Robert

(57) Abstract :

2A thermoplastic vulcanizate composition comprising from 5 wt% to 95 wt% based on the total weight of the thermoplastic vulcanizate composition of a first component comprising a first propylene based polymer selected from the group consisting of (i) propylene/a olefin copolymers comprising from 1 to 20 wt% a olefin and characterized by a g ratio of less than 1 measured at interpolymer number average molecular weight (Mn) an MFR (2.16kg @ 230°C) greater than or equal to 0.01 a density greater than or equal to 0.850 g/cc and a molecular weight distribution Mw/Mn less than or equal to 3.5 and (ii) combinations thereof; and from 5 wt% to 95 wt% based on the total weight of the thermoplastic vulcanizate composition of a second component selected from the group consisting of curable or vulcanizable rubbers having a density from 0.85 to 0.88 g/cc I from 0.001 to 5 g/10 min and a Mooney viscosity from 5 to 400 and combinations thereof; wherein at least one of the rubbers is vulcanizable; wherein the thermoplastic vulcanizate composition has a tensile strength at break of greater than or equal to 8 MPa and tear strength at 23°C of at least 190 lb f/in. is provided. Methods of making the composition and articles made from the composition are also provided.

No. of Pages : 36 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4981/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : PYRIMIDINE COMPOUND AND USE FOR PEST CONTROL THEREOF

(51) International classification :C07D403/04,C07D413/04,C07D487/04
(31) Priority Document No :2010268138
(32) Priority Date :01/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/078229
Filing Date :30/11/2011
(87) International Publication No :WO 2012/074135
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SUMITOMO CHEMICAL COMPANY LIMITED
Address of Applicant :27 1 Shinkawa 2 chome Chuo ku Tokyo
1048260 Japan
(72)Name of Inventor :
1)TAKAHASHI Masaki
2)TANABE Takamasa
3)NOKURA Yoshihiko

(57) Abstract :

1234588A pyrimidine compound of the formula (1): wherein: R represents hydrogen and the like; R represents hydrogen and the like; R represents a C1 C6 chain hydrocarbon group optionally having one or more halogens and the like; R and R are represent a C1 C6 chain hydrocarbon group optionally having one or more halogens and the like; X represents nitrogen and the like; Y represents nitrogen and the like; and Z represents oxygen or NR wherein R represents a C1 C6 chain hydrocarbon group optionally having one or more halogens and the like. The compound has a superior activity of controlling pests.

No. of Pages : 139 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5483/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : BEARING FIXING STRUCTURE

(51) International classification	:F16C35/00	(71)Name of Applicant :
(31) Priority Document No	:2012-030442	1)HONDA MOTOR CO., LTD.
(32) Priority Date	:15/02/2012	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(33) Name of priority country	:Japan	MINATO-KU, TOKYO, 107-8556 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KURIHARA, MASARU
(87) International Publication No	: NA	2)UDOU, HIDEO
(61) Patent of Addition to Application Number	:NA	3)TSUKUDA, HITOSHI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A bearing fixing structure which prevents rotations of an outer race, with a fixing member fixed to a case by one bolt, without causing loosening of the bolt, is provided. The bearing fixing structure is equipped with a first planar surface 3 on an outer race 2, a fixing member 5 having a curved surface 9, and a bolt 7 which fixes the fixing member 5. The curved surface 9 inhibits the rotation of the outer race 2 by contacting the first planar surface 3 at different point according to the rotating direction. At this time, a direction of a contact load applied to the fixing member 5 becomes a direction passing a central axis line of the bolt 7 or a direction applying a torque to the fixing member 5 in a fastening direction of the bolt 7.

No. of Pages : 14 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5484/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : EVADING ENVIRONMENTAL DESTRUCTION BY CREATING AN ARTIFICIAL CARBON CYCLE

(51) International classification	:B01D53/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HARSHA PRABAKARAN
(32) Priority Date	:NA	Address of Applicant :NO.59/B, AVN GARDEN,
(33) Name of priority country	:NA	VANAGARAM, CHENNAI, PIN - 600 095 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HARSHA PRABAKARAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A chemical process for producing environmentally safe and useful products out of exhaust gases that are tapped from the engine in the discussed physical way. This is achieved by converting the exhaust gasses into salts using a hydroxide inside the discussed system and further chemical processing of the salts to produce other salts that can be used as fertilizers. The main aim is to prevent environmental degradation by the exhaust gases and dispose the harmful pollutants in hazardless way.

No. of Pages : 9 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4882/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :21/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND DEVICE FOR BREAKING UP A FRESH AND HOT COKE CHARGE IN A RECEIVING TROUGH

(51) International classification :C10B39/04,C10B39/14
(31) Priority Document No :10 2011 009 175.0
(32) Priority Date :21/01/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/006168
Filing Date :08/12/2011
(87) International Publication No :WO 2012/097841
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)THYSSENKRUPP UHDE GMBH
Address of Applicant :Friedrich Uhde Str. 15 44141 Dortmund
Germany
(72)Name of Inventor :
1)KIM Ronald
2)SCHCKER Franz Josef

(57) Abstract :

The invention relates to a method and a device for breaking up a fresh and hot coke charge in a receiving trough having mobile plate segments the coke charge being conveyed to a quenching tower in the receiving trough of a flatbed transport car in which the coke charge is cooled down to ambient temperatures by means of mobile plate segments so that the coke structure is broken up and crevice type cavities are formed in the compacted coke charge. These crevice type cavities then allow an increased amount of water to flow into the interior of the coke charge during the subsequent quenching step resulting in a high profitability of the method a higher coke quality and a reduced burden on the environment due to reduced quenching times and lower water consumption. The invention also relates to a device for carrying out said method.

No. of Pages : 23 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5108/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : RESIN COMPOSITION FOR LASER ENGRAVING, FLEXOGRAPHIC PRINTING PLATE PRECURSOR FOR LASER ENGRAVING AND PROCESS FOR PRODUCING SAME, AND FLEXOGRAPHIC PRINTING PLATE AND PROCESS FOR MAKING SAME

(51) International classification	:C08F283/00	(71)Name of Applicant :
(31) Priority Document No	:2011-270499	1)FUJIFILM CORPORATION
(32) Priority Date	:09/12/2011	Address of Applicant :26-30, NISHIAZABU 2-CHOME,
(33) Name of priority country	:Japan	MINATO-KU, TOKYO Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KANCHIKU, SHIGEFUMI
(87) International Publication No	: NA	2)KOZAWA, YUUSUKE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a resin composition for laser engraving, comprising (Component A) an oligomer or polymer having a (meth)acryloyloxy group in the molecule, (Component B) an ethylenically unsaturated compound, (Component C) a compound having in the molecule at least one type selected from the group consisting of a mercapto group, a primary amino group, and a secondary amino group and at least one type of hydrolyzable silyl group and/or silanol group, and (Component D) a thermopolymerization initiator.

No. of Pages : 71 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5240/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :17/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : PORTABLE FOLDING BICYCLE WITH IMPROVED DRIVE MECHANISMS

(51) International classification	:B62K15/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BALAJI BALASUBRAMANIAN
(32) Priority Date	:NA	Address of Applicant :NO. 2, KALAIVANAR CROSS
(33) Name of priority country	:NA	STREET, ORAGADAM, AMBATTUR (HPO) CHENNAI - 600
(86) International Application No	:NA	053 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)BALAJI BALASUBRAMANIAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention is a portable folding bicycle with simplest body frame which is a top tube that folds on two parallel vertical hinges bringing entire frontwheel by side of rearwheel, entire handlebars slide down the hollow blades of the fork to occupy least space, and moved up along with their inner short lengths that hold palmgrips, the main contact point for rider, a sliding interlocking pin that connect both palm grips, entire twin seats occupy rear space of rearwheel on turning on a hinge pin that has hinge axis in transversal direction. The rear drivewheel being provided with two drive mechanisms as follows: (i) Conventional axle of rearwheel made rotatable over its bearings held on the dropouts of the stays, cranks rotate the axle and a 60 tooth chainwheel fastened to it, a pair of chainloops transferring the said rotations to a freewheel on hub of rear drivewheel passing over a dual sprocket in its planetary motion being attached to the rim of the said rear drivewheel. (ii) The second drive mechanism is simply a wirerope each end of which being pulled forward by a long vertical pedal lever causing rotational movement of the rear drivewheel on whose hub the said wirerope being wound twice and also wound on an axle parallelly located outside the rearwheel on the same stays just outside of the said rear drivewheel and a pair of conventional freewheels being used in the wirerope's said windings on the hub of said rearwheel to selectively utilize the forward motion of the wirerope. Thus this unique folding bicycle is able to cover longer distance per pressing of the pedal and becomes extremely compact on folding for easy portability.

No. of Pages : 20 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5497/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : MOLDED PACKAGE FOR LIGHT EMITTING DEVICE

(51) International classification	:H01L23/00	(71) Name of Applicant :
(31) Priority Document No	:2011-289846	1)NICHIA CORPORATION
(32) Priority Date	:28/12/2011	Address of Applicant :491-100, OKA, KAMINAKA-CHO,
(33) Name of priority country	:Japan	ANAN-SHI, TOKUSHIMA 774-8601 Japan
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)KASAE, NOBUHIDE
(87) International Publication No	: NA	2)SEJIKI, KEISUKE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a molded package 10 for a light emitting device including a molded resin 11 and first lead 20 and second lead 30 spaced each other, wherein the exposed surface 21 of the first lead has a first and second edge portions 23, 25 opposed to each other so as to put a mounting area 60 therebetween in a first direction, the first and second edge portions 23, 25 respectively having one first cutout 24 second cutouts 26, and wherein the mounting area 60 has a size 60L not less than a distance 601L between the first cutout 24 and the second cutouts 26 and less than a distance 602L between the first edge portion 23 and the second edge portion 25 in the first direction.

No. of Pages : 100 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5067/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :05/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : FORMULATIONS OF INDOXACARB AND USE OF INDOXACARB FOR INDOOR RESIDUAL SPRAY

(51) International classification	:A01N47/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TAGROS CHEMICALS INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :JHAVER CENTRE RAJAH
(33) Name of priority country	:NA	ANNAMALAI BUILDING, IVTH FLOOR, 72, MARSHALL'S
(86) International Application No	:NA	ROAD, EGMORE, CHENNAI - 600 008 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAJAIAH SRIKRISHNAN
(61) Patent of Addition to Application Number	:NA	2)S. RAMESH
Filing Date	:NA	3)R. KUPPUSWAMY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to insecticidal compositions comprising Indoxacarb for a wide range of applications. The invention of also relates to the different formulations of Indoxacarb and its use as indoor residual spray.

No. of Pages : 14 No. of Claims : 5

(54) Title of the invention : KEY TRANSPORT PROTOCOL

(51) International classification :H04N5/00,H04N7/16,H04N7/167

(31) Priority Document No :10193312.5

(32) Priority Date :01/12/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/071432

Filing Date :30/11/2011

(87) International Publication No :WO 2012/072704 A1

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)IRDETO B.V.Address of Applicant :Taurusavenue 105 NL 2132 LS
Hoofddorp Netherlands

(72)Name of Inventor :

1)ROELSE Petrus Lambertus Adrianus**2)MOOIJ Wim**

(57) Abstract :

The invention enables the transport of a key from a sender to a receiver. The sender comprises means for generating or obtaining a virtual key and securing the virtual key to protect its authenticity and confidentiality. The secured virtual key is provided to the receiver. The receiver comprises means to derive the virtual key from the secured virtual key. The sender and the receiver comprise means to provide the virtual key and a signature verification key associated with the sender as inputs to a cryptographic function to generate an output. The output includes at least one key. The at least one key may be in turn used as input to a cryptographic mechanism providing a service to a security application. Examples of such services are encryption or decryption of content or generating a response to a challenge.

No. of Pages : 47 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5193/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND SYSTEM FOR OBTAINING VALID OSCILLATING COMPONENTS

(51) International classification	:G05B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ABB RESEARCH LTD.
(32) Priority Date	:NA	Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050
(33) Name of priority country	:NA	ZURICH Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AADALEESAN P
(87) International Publication No	: NA	2)ULAGANATHAN N
(61) Patent of Addition to Application Number	:NA	3)VINAY KARIWALA
Filing Date	:NA	4)NANDKISHOR KUBAL
(62) Divisional to Application Number	:NA	5)ALEXANDER HORCH
Filing Date	:NA	

(57) Abstract :

The invention provides a method for obtaining valid oscillating components from raw process data in a process plant. The method includes applying a decomposition technique on the raw process data to obtain oscillating components having period values. These period values may be subjected to statistical treatment or be used as such to obtain applicable period values. Then, a regularity check is performed on the applicable period values to obtain first level valid oscillating components. Noise level in a process is estimated from the time series data, which is used to remove noisy oscillating components from the first level valid oscillating components to obtain second level valid oscillating components. The invention further includes clustering the second level valid oscillating components into unique oscillating components based on a mean period distance between given oscillating components.

No. of Pages : 24 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5195/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : A SYSTEM AND A METHOD FOR GENERATING SECURE KEY

(51) International classification	:H04L9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ABB RESEARCH LTD.
(32) Priority Date	:NA	Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050
(33) Name of priority country	:NA	ZURICH Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ARIJIT KUMAR BOSE
(87) International Publication No	: NA	2)FERNANDO ALVAREZ
(61) Patent of Addition to Application Number	:NA	3)MALLIKARJUN KANDE
Filing Date	:NA	4)SANJEEV KOUL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a system for generating a secure key. The system of the invention comprises one or more devices that coordinate with the engineering tool correspondingly. The system has at least one seed pusher for providing a seed to the device in order to generate a secure key. The present invention also provides a method for generating a secure key by the system of the invention.

No. of Pages : 10 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.648/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/01/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : IMAGE ENCODING METHOD IMAGE DECODING METHOD IMAGE ENCODING DEVICE
IMAGE DECODING DEVICE AND IMAGE ENCODING/DECODING DEVICE

(51) International classification	:H04N7/32
(31) Priority Document No	:61/500,805
(32) Priority Date	:24/06/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/JP2012/004014
Filing Date	:21/06/2012
(87) International Publication No	:WO 2012/176450
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

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2)NISHI Takahiro

3)SHIBAHARA Youji

4)SUGIO Toshiyasu

5)TANIKAWA Kyoko

6)MATSUNOBU Toru

(57) Abstract :

This image encoding method uses motion vectors to encode images and includes an encoding step (S801) in which a difference vector which represents the difference between a motion vector and a predicted motion vector which is the predicted value of the motion vector is encoded. In the encoding step (S801): a first part which is part of a first component among a horizontal component and a vertical component of the difference vector is encoded; a second part which is part of a second component that differs to the first component among the horizontal component and the vertical component is encoded; a third part which is part of the first component but differs to the first part is encoded; a fourth part which is part of the second component but differs to the second part is encoded; and a code string containing the first part second part third part and fourth part is generated in the order of the first part second part third part and fourth part.

No. of Pages : 117 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4842/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : HIGH STRENGTH EXTRUDED THERMOPLASTIC POLYMER FOAM

(51) International classification :C08J9/00,C08J9/04,B32B5/18
(31) Priority Document No :61/427232
(32) Priority Date :27/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/064758
Filing Date :14/12/2011
(87) International Publication No :WO 2012/091918
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
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Address of Applicant :2040 Dow Center Midland MI 48674
U.S.A.
(72)Name of Inventor :
1)VO Van Chau
2)SAGNARD Alain
3)GORDON DUFFY John

(57) Abstract :

Prepare extruded thermoplastic polymer foam by preparing a foamable polymer mixture containing thermoplastic polymer and blowing agent at a mixing pressure cooling the foamable polymer mixture and extruding it through a foaming die at a die pressure at least 90 bars lower than the mixing pressure and out through a die opening having cross sectional dimensions of 2.5 millimeter or more and a cross sectional area of at least 700 square millimeters at a flow rate greater than 500 kilograms per hour and allow it to expand into a polymer foam between shaping elements while restraining the extrusion rate with a restraining device so as to form polymer foam having 96 volume percent or less void volume anisotropic cell size a thickness of 50 millimeter or greater compressive and tensile moduli in the thickness dimension greater than 35 mega pascals and an average shear modulus greater than 16 mega pascals.

No. of Pages : 19 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5056/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : DUAL PORE DEVICE

(51) International classification :G01N33/487

(31) Priority Document No :61/572843

(32) Priority Date :20/07/2011

(33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2012/047107

Filing Date :18/07/2012

(87) International Publication No :WO 2013/012881

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

Address of Applicant :Office of Technology Transfer 1111 Franklin Street 5th Floor Oakland CA 94607 USA U.S.A.

(72)Name of Inventor :

1)DUNBAR William

2)KIM Jungsuk

(57) Abstract :

Provided is a device comprising an upper chamber a middle chamber and a lower chamber wherein the upper chamber is in communication with the middle chamber through a first pore and the middle chamber is in communication with the lower chamber through a second pore wherein the first pore and second pore are about 1 nm to about 100 nm in diameter and are about 10 nm to about 1000 nm apart from each other and wherein each of the chambers comprises an electrode for connecting to a power supply. Methods of using the device are also provided in particular for sequencing a polynucleotide.

No. of Pages : 37 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5308/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :19/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : MODIFIED DIESEL ENGINE

(51) International classification	:F02B3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)N. JANA PRAKASH
(32) Priority Date	:NA	Address of Applicant :2/39B, RAJAMBAL NAGAR, 2ND
(33) Name of priority country	:NA	CROSS STREET, MANJAKUPPAM, CUDDALORE 607 001
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)N. JANA PRAKASH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The internal combustion engine (ICE) finds its place in the market with latest design modifications in various components to improve efficiency, economy and overall performance. However, one process has remained unchanged in the internal combustion engine development, i.e. actuating the number of cylinders as per our power requirement of engine under various load conditions. This technique enables the provision that we can use power produced from the cylinders of the engine at the maximum level. For example let us consider a four stroke diesel engine with six cylinders on it. In the first gear of the engine all cylinders will be active, but the power produced not used efficiently and the power produced from two cylinders will be enough to drive the load. Thus this type of actuating the cylinder will decrease the total fuel consumption and hence the efficiency is increased. This actuation is made by the transducer and solenoid valve that takes the control over fuel supply in a regulated manner.

No. of Pages : 11 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.714/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/01/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHODS FOR TREATING NEURODEGENERATIVE DISEASES

(51) International classification :C07C49/203,C07C43/15,C07C45/65
(31) Priority Document No :61/379316
(32) Priority Date :01/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/050071
Filing Date :31/08/2011
(87) International Publication No :WO 2012/031028
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)COYOTE PHARMACEUTICALS INC.
Address of Applicant :1455 Adams Dr. Menlo Park California
94025 U.S.A.
(72)Name of Inventor :
1)BARRES Ben A.
2)NAKAYAMA Naoki
3)SERIZAWA Hiroaki
4)ARGADE Ankush B.

(57) Abstract :

This invention relates to the 5 cis and 5 trans isomers of geranylgeranyl acetone preferably such synthetic isomers and pharmaceutical compositions containing such isomers. Other aspects of this invention relate to the use of geranylgeranyl acetone and its isomers in methods for inhibiting neural death increasing neural activity and increasing axon growth and cell viability. Geranylgeranyl acetone is a known anti ulcer drug used commercially and in clinical situations. GGA has also been shown to exert cytoprotective effects on a variety of organs such as the eye brain and heart.

No. of Pages : 65 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4814/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : DIESEL OXIDATION CATALYST ARTICLES AND METHODS OF MAKING AND USING

(51) International classification :B01J23/44,B01J29/04,C10G45/10

(31) Priority Document No :12/954257

(32) Priority Date :24/11/2010

(33) Name of priority country :U.S.A.

(86) International Application
No :PCT/US2011/061860

Filing Date :22/11/2011

(87) International Publication
No :WO 2012/071421

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

1)BASF CORPORATION

Address of Applicant :100 Campus Drive Florham Park NJ
07932 U.S.A.

(72)Name of Inventor :

1)WEI Xinyi

2)ROTH Stanley

(57) Abstract :

Diesel oxidation catalysts catalytic articles methods of making catalytic articles emissions treatment systems and methods of treating an exhaust gas stream using the catalytic articles for the treatment of exhaust gas emissions such as the oxidation of unburned hydrocarbons (HC) and carbon monoxide (CO) are described. Specific catalytic articles comprising a substrate with a first washcoat layer comprising greater than or equal to about 2% by weight palladium dispersed on a ceria support and a second washcoat layer comprising a platinum group metal and a refractory metal oxide are described.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5401/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :24/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : HOOD LATCHING MECHANISM

(51) International classification	:E05B15/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MAHINDRA & MAHINDRA LTD.
(32) Priority Date	:NA	Address of Applicant :MAHINDRA RESEARCH VALLEY,
(33) Name of priority country	:NA	MAHINDRA WORLD CITY, PLOT NO. 41/1, ANJUR P.O.,
(86) International Application No	:NA	CHENGALPATTU - 603 204 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)TULASIRAM DIVI
(61) Patent of Addition to Application Number	:NA	2)OMPRAKASH KATARE
Filing Date	:NA	3)DEVANG BHANUPRASAD RAVAL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A hood latching mechanism comprising a first latch means which define a first slot to latch a striker and a second slot to engage a latching lever. The latching lever has a horizontal arm provided with a follower profile to follow a cam profile provided on the first latch means and engaged with the second slot and. The hood latching mechanism further comprising a second latch means that includes a first latching arm, a second latching arm and a third latching arm, wherein said first latching arm has a free end that is located above free end of the horizontal arm of the latching lever. A gap is defined between first latching arm and the horizontal arm. The gap is restricted within a distance that is to be covered by the follower profile of the latching lever for fully getting unlatched from the second slot.

No. of Pages : 19 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.658/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/01/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD FOR PRODUCING COLD ROLLED STEEL SHEET COLD ROLLED STEEL SHEET AND VEHICLE MEMBER

(51) International classification :C23G1/08,B21B3/02,C21D9/46
(31) Priority Document No :2010-193179
(32) Priority Date :31/08/2010
(33) Name of priority country :Japan
(86) International Application No:PCT/JP2011/069192
Filing Date :25/08/2011
(87) International Publication No :WO 2012/029631 A1
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)JFE STEEL CORPORATION
Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda
ku Tokyo 1000011 Japan
(72)Name of Inventor :
1)MASUOKA Hiroyuki
2)ANDO Satoru
3)YAMAMOTO Shunsuke

(57) Abstract :

Provided is a method for producing a cold rolled steel sheet exhibiting excellent chemical conversion processability and corrosion resistance after coating in harsh corrosive environments such as in a warm salt water immersion test or a compound cyclic corrosion test by: using a pickling solution obtained by mixing hydrochloric acid and nitric acid the nitric acid concentration being over 100 g/L and 200 g/L or less and the ratio (R) of hydrochloric acid concentration to nitric acid concentration being 0.01 to 0.25 (HCl/HNO) to pickle a cold rolled steel sheet containing 0.5 to 3.0 mass % of Si and subjected to continuous annealing after being cold rolled in order to remove an Si containing oxide formed on the surface layer of the steel sheet by continuous annealing; and restricting to 85% or less the surface coverage of an iron based oxide formed on the surface of the steel sheet by the pickling and preferable restricting to 200 nm or less the maximum thickness of the iron based oxide. Also provided are a cold rolled steel sheet produced by means of the aforementioned method and a vehicle member using said cold rolled steel sheet.

No. of Pages : 41 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8552/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/10/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : VEHICLE SPEED SENSOR MOUNTING STRUCTURE

(51) International classification :F02D35/00,B62J99/00,B62M7/02

(31) Priority Document No :2010064099

(32) Priority Date :19/03/2010

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2011/052514

Filing Date :07/02/2011

(87) International Publication No :WO 2011/114803 A1

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)HONDA MOTOR CO. LTD.

Address of Applicant :1 1 Minami Aoyama 2 chome Minato ku Tokyo 1078556 Japan

(72)Name of Inventor :

1)HAYASHI Hiroshi

2)WATANABE Satoru

(57) Abstract :

In a state that an axis line (O) of an approximately cylindrical main body (78) is inclined by a predetermined angle (0) toward the vehicle body rear side when viewed from the side of the vehicle body, a fastening member (81) is used to fasten together with a protector (83) which covers an upper part of a vehicle speed sensor (77), thereby the vehicle speed sensor (77) is fixed to a crankcase (64) at a position on the vehicle body upper side of a countershaft (35) and also on the vehicle body rear side of the shift drum (150). The main body (78) of the vehicle speed sensor (77) is inserted into a through hole (73) formed on the crankcase (64), by which a detection part (78a) of the vehicle speed sensor (77) is constituted so as to oppose to the tip of a second driven gear (G2).

No. of Pages : 43 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4366/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :19/10/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : VEHICLE BODY FRAME OF MOTORCYCLE

(51) International classification	:B62K11/00	(71)Name of Applicant :
(31) Priority Document No	:2011-239375	1)HONDA MOTOR CO., LTD
(32) Priority Date	:31/10/2011	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(33) Name of priority country	:Japan	MINATO-KU, TOKYO, 107-8556 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NAKAGAWA, HIDEAKI
(87) International Publication No	: NA	2)OONO, MAKOTO
(61) Patent of Addition to Application Number	:NA	3)SAKASHITA, YOHEI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An object of the present invention is to provide a vehicle body frame formed of press-formed parts which can increase the stiffness of the vehicle body frame while reducing the weight thereof. [Solving Means] In a vehicle body frame 11 of a motorcycle, a main frame 22 includes a linear portion 27 and a curved portion 28 curvedly extending downward from a rear end of the linear portion 27. A rear frame 23 is a member extending rearward and having front ends joined to vehicle-width-direction left and right surfaces of the curved portion 28. Reinforcement members 77, 78 having an approximately-rectangular shape in a plan view are laid between the curved portion 28 and inner surfaces of front portions of the rear frame 23. Front edges of the reinforcement members 77, 78 are joined respectively to a rear surface of the curved portion 28 and a pivot frame portion 24.

No. of Pages : 46 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4971/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : APPARATUS AND METHOD FOR TREATING ORGANIC WASTE

(51) International classification :C05F17/02,A01C3/02,B01F7/02
(31) Priority Document No :1020100121742
(32) Priority Date :02/12/2010
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2011/001149
Filing Date :22/02/2011
(87) International Publication No:WO 2012/074169
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)RIVERO SERRANO Daniel
Address of Applicant :C/ Cristo 33 2Fl. Torrejon de Ardoz E
28850 Madrid Spain
(72)Name of Inventor :
1)KIM LEE Dong Myung

(57) Abstract :

Disclosed are an apparatus and method for treating organic waste to reduce treatment costs and period enable environmentally friendly treatment without causing bad smell or waste water and thereby prepare an organic combust with a high quality and a liquid fertilizer with a high concentration. The apparatus includes a sealable reaction vessel including an inlet through which an organic waste and a reactive additive are injected an outlet through which a treated substance is discharged as reactive gas a stirrer to stir contents of the reaction vessel and a liquid fertilizer producer to condense the reactive gas discharged from the gas outlet with a cooling solution and thereby produce a liquid fertilizer while gradually increasing the concentration of fertilizer components of the cooling solution.

No. of Pages : 12 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5455/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :26/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : STEP-UP SYSTEM FOR HYDEL POWER PROJECTS

(51) International classification	:F03B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MOHAMMED IBRAHIM PUTHIYAVEEDU
(32) Priority Date	:NA	Address of Applicant :DOOR NO. 5, PUTHIYAVEEDU,
(33) Name of priority country	:NA	KANNANOOR, P.O, NHANGATTIRI, PALAKKAD - 679 311
(86) International Application No	:NA	Kerala India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MOHAMMED IBRAHIM PUTHIYAVEEDU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Step-up system for hydel power projects (Figure-4) having water supply through a penstock pipes from a water reservoir to turbine coupled with a generator for producing electricity characterised by the improvement of efficiency of the hydel project comprises of a series of penstock pipes with a proportional length to the diameter of the penstock pipes and turbine coupled generators which is suitable to capacity of water flow fixed at the other ends. The length of the penstock pipes can decrease by increasing the diameter and more generators can accommodate in whole length of the system to increase the production. The length of the penstock pipes can decrease by decreasing the capacity of generator and reduce water usage and more generators can accommodate in whole length of the system in one series.

No. of Pages : 12 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8740/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/10/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : PROCESS FOR CONTROLLING A GAS PHASE OXIDATION REACTOR FOR PREPARATION OF PHTHALIC ANHYDRIDE

(51) International classification :C07D307/89,C07C51/255,C07C51/21
(31) Priority Document No :10159827.4
(32) Priority Date :13/04/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/051486
Filing Date :06/04/2011
(87) International Publication No :WO 2011/128814
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BASF SE
Address of Applicant :67056 Ludwigshafen Germany
(72)Name of Inventor :
1)ALTWASSER Stefan
2)ZUEHLKE Juergen
3)CHEN Hao
4)DOBNER Cornelia Katharina
5)ROSOWSKI Frank

(57) Abstract :

In a process for controlling a gas phase oxidation reactor for preparation of phthalic anhydride by passing a gas stream which comprises an aromatic hydrocarbon and molecular oxygen through a multitude of reaction tubes arranged in the gas phase oxidation reactor each of which comprises a bed of at least one catalyst and the temperature of which can be controlled by means of a heat transfer medium at least one control parameter is measured and correcting interventions for control of the control parameter are determined the at least one control parameter comprising the phthalic anhydride yield and the correcting parameter used being the temperature of the heat carrier medium. Over at least 90% of the lifetime of the catalyst the change in the correcting parameter is limited to a maximum of 0.5 K within a period of 30 days. In this way the cumulated phthalic anhydride yield over the lifetime of the catalyst is maximized.

No. of Pages : 18 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4280/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD FOR VERIFYING ELECTRICAL CONNECTION BETWEEN GENERATOR AND INVERTER USING HANDHELD DEVICE

(51) International classification	:G01R31/02	(71)Name of Applicant :
(31) Priority Document No	:10 2010 050 785.7	1)SMA SOLAR TECHNOLOGY AG
(32) Priority Date	:10/11/2010	Address of Applicant :Sonnenallee 1 34266 Niestetal Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/069765	1)MAGNUSSEN Bjrn
Filing Date	:09/11/2011	2)PRSSING Heiko
(87) International Publication No	:WO 2012/062814	
	A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of verification of an electrical connection between a generator (10a) and an inverter (20b) by a cable (30) is disclosed. The method comprises placing a handheld device (40) with a current detection sensor (45) in vicinity of a cable (30). A command to change a current is transmitted from the handheld device (40) to the inverter (20b) to generate a current signature (150) within an inverter generator connection cable. A sensor signature is detected by the current detection sensor (45) and compared to the current signature (150) caused by the command to change a current. A verification signal based on the comparison is generated. The method may be used to compile a wiring plan between a plurality of generators (10a 10b 10c) and a plurality of inverters (20a 20b 20c).

No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4932/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : REVOLVING DOOR ACTUATOR

(51) International classification :E05F3/10
(31) Priority Document No :10 2011 008 564.5
(32) Priority Date :14/01/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2011/075315
Filing Date :19/12/2011
(87) International Publication No :WO 2012/095091
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)DORMA GMBH + CO. KG
Address of Applicant :Dorma Platz 1 58256 Ennepetal
Germany
(72)Name of Inventor :
1)BUSCH Sven
2)WILDF-RSTER Thomas

(57) Abstract :

The invention relates to a revolving door actuator (1) comprising a housing (2) which has a base plate (3) further comprising an output disk (5) which is mounted on the base plate (3) so as to be rotatable about an output pin (4) designed to be connected in a rotationally fixed manner to a lever or be directly connected in a rotationally fixed manner to a rotary pin of the revolving door also comprising a spring unit (7) which is arranged in the housing (2) is used as an energy store for a closing or opening movement of the revolving door (73) and is connected to the output disk (5) to mutually transmit forces therewith and finally comprising at least one damper (9) which is arranged in the housing (2) is used to dampen the closing and/or opening movement of the revolving door is connected to the output disk (5) to mutually transmit forces therewith and is designed as a separate module that is independent of the housing (2).

No. of Pages : 25 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5386/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :24/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : A METHOD FOR THE PREPARATION OF TI-TIB IN SITU COMPOSITE

(51) International classification	:C04B35/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY MADRAS
(32) Priority Date	:NA	Address of Applicant :IIT P.O, CHENNAI - 600 036 Tamil
(33) Name of priority country	:NA	Nadu India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)RANJIT BAURI
(87) International Publication No	: NA	2)RAJESH JANKIRAM CHAUDHARI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method for development of Ti-TiB in situ composite.

No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5516/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :31/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : PROCESS FOR PREPARING AMORPHOUS CABAZITAXEL

(51) International classification	:C07D501/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHILPA MEDICARE LIMITED
(32) Priority Date	:NA	Address of Applicant :2ND FLOOR, 10/80, RAJENDRA
(33) Name of priority country	:NA	GUNJ, RAICHUR Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SRIRAM, RAMPALLI
(87) International Publication No	: NA	2)PUROHIT, PRASHANT
(61) Patent of Addition to Application Number	:NA	3)CHATURVEDI, AKSHAY KANT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for preparing amorphous Cabazitaxel (I) characterized by X-ray powder (I) diffraction pattern as per Fig-1 comprising the steps of- a) providing a solution of (2a,5y,7,10/,13a)-4-acetoxy-13-((2i,35)-3[(tert-butoxy carbonyl) amino]-2-hydroxy-3-phenylpropanoyl}oxy)-1-hydroxy-7,10-dimethoxy-9-oxo-5,20-epoxytax-11-en-2-yl benzoate solvate (Cabazitaxel solvate) with a water miscible alcohol solvent;

No. of Pages : 22 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9376/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :02/11/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : CATALYST FOR THE OXIDATION OF SO₂ TO SO₃

(51) International classification	:B01J23/22
(31) Priority Document No	:10159647.6
(32) Priority Date	:12/04/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/IB2011/051553
Filing Date	:12/04/2011
(87) International Publication No	:WO 2011/128830
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BASF SE

Address of Applicant :67056 Ludwigshafen Germany

(72)Name of Inventor :

1)KR.,MER Michael

2)SCHUBERT Markus

3)LAUTENSACK Thomas

4)HILL Thomas

5)K-RNER Reinhard

6)ROSOWSKI Frank

7)ZHLKE J¹/argen

(57) Abstract :

A catalyst for the oxidation of SO₂ to SO₃ a process for producing it and its use in a process for the oxidation of SO₂ to SO₃ are provided. The catalyst comprises active substance comprising vanadium alkali metal compounds and sulfate applied to a support comprising naturally occurring diatomaceous earths wherein the support comprises at least one relatively soft naturally occurring uncalcined diatomaceous earth which has a percentage reduction of at least 35% in its D value determined in a particle size determination according to the dry method in comparison with the wet method.

No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5013/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :30/11/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR IMAGING DYNAMIC PROCESS

(51) International classification	:A61B6/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:NA	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CLAUS, BERNHARD ERICH HERMANN
(87) International Publication No	: NA	2)EBERHARD, JEFFREY WAYNE
(61) Patent of Addition to Application Number	:NA	3)LANGAN, DAVID ALLEN
Filing Date	:NA	4)KHARE, KEDAR BHALCHANDRA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems, methods and non-transitory computer readable media for imaging are disclosed. The system includes one or more radiation sources and detectors configured to transmit x-ray radiation towards a subject for imaging a dynamic process in a ROI of the subject and to acquire projection data corresponding to the ROI, respectively. The system also includes a computing device operatively coupled to one or more of the radiation sources and the detectors. The computing device is configured to provide control signals for performing one or more reference scans for acquiring reference data from a plurality of angular positions around the subject and for performing one or more tomosynthesis scans using one or more tomosynthesis trajectories for acquiring tomosynthesis data following the onset of the dynamic process. Additionally, the computing device is configured to reconstruct one or more images representative of the dynamic process using the reference data and/or the tomosynthesis data.

No. of Pages : 33 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5015/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :30/11/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : SYSTEM AND METHOD FOR CONTROLLING OUTPUT POWER IN A CONTACTLESS POWER TRANSFER SYSTEM

(51) International classification

:H02J

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345 U.S.A.

(72)Name of Inventor :

1)VIJAYAN, PRADEEP

2)SHAH, SHAHIL

(57) Abstract :

A power conversion system including a power source configured to provide input power is disclosed. The power conversion system also includes a first power converter comprising switches configured to convert the input power to an intermediate converted power. The power conversion system further includes a controller configured to control the switches based on an asymmetrical voltage cancellation mode wherein the controller is configured to operate the first power converter at a fixed operating frequency, maintain a zero voltage switching mode and control a duty cycle of the switches. The power conversion system also includes a contactless power transfer system configured to transmit the intermediate converted power to a load wherein the load is coupled to a second power converter that converts the intermediate converted power to an output power wherein an output voltage of the output power is controlled by the controller based on the asymmetrical voltage cancellation mode.

No. of Pages : 22 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5256/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :17/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : ASYMMETRIC HYDROLASE AND GENE THEREOF

(51) International classification	:C12N9/00	(71)Name of Applicant :
(31) Priority Document No	:2011-277193	1)SUMITOMO CHEMICAL COMPANY, LIMITED
(32) Priority Date	:19/12/2011	Address of Applicant :27-1, SHINKAWA 2-CHOME, CHUO-KU, TOKYO 104-8250 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)AKIYAMA, TOSHIHIKO
Filing Date	:NA	2)HIRATA, NORIHIKO
(87) International Publication No	: NA	3)HOURAI, SHINJI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to, for example, an α -substituted P-amino acid . ester derivative asymmetric hydrolase including an enzyme of the following (a) or (b): (a) an enzyme comprising the amino acid sequence of SEQ ID N0:1 at least from position 1 to position 362, wherein the tyrosine at position 277 of SEQ ID N0:1 is substituted with alanine, tryptophan, isoleucine, or histidine, and having the ability to hydrolyze a substrate; or (b) an enzyme comprising the amino acid sequence of SEQ ID N0:1 at least from position 1 to position 362, wherein the tyrosine at position 277 of SEQ ID N0:1 is substituted with an amino acid other than tyrosine, and having the ability to hydrolyze a substrate.

No. of Pages : 63 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9753/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/11/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : GAS INSULATED SWITCHGEAR ASSEMBLY ARRANGEMENT

(51) International classification :H02B5/06

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2010/056982
Filing Date :20/05/2010

(87) International Publication No :WO 2011/144243
A1

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :Affolternstrasse 44 CH 8050 Zürich
Switzerland

(72)Name of Inventor :

1)SOLOGUREN SANCHEZ Diego

2)SABANI Arben

3)KELLER Markus

4)BOLLI Tilo

(57) Abstract :

A gas insulated switch panel (1) having at least three circuit breakers (2a) which define a longitudinal direction (3) for interruption of conductor phases at different electrical potentials. The circuit breakers (2a) each have a first and a second power connection (4a 6a) which define a first and second axis (5a 7a) which extend at right angles to the longitudinal direction (3). A first busbar section (12) can be attached to the first power connection (4a) the polyphase encapsulated first busbar conductors (15a 15b 15c) of which each define a third axis which extends at right angles to the longitudinal direction (3) and at right angles to the first axis (5a). A second busbar section can be attached to the second power connection (6a) and the polyphase encapsulated second busbar conductors thereof each define a fourth axis which extends at right angles to the longitudinal direction and at right angles to the first axis. A first distance (25) between the first axis (5a) and the second axis (7a) is of such a size that the fourth axis is arranged on a common straight line with the third axis in terms of position and orientation in the second assembly state.

No. of Pages : 31 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7439/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :18/12/2009

(43) Publication Date : 11/07/2014

(54) Title of the invention : PROCESS FOR STARTING A PUMP

(51) International classification	:F01N3/20
(31) Priority Document No	:0755875
(32) Priority Date	:20/06/2007
(33) Name of priority country	:France
(86) International Application No	:PCT/EP08/57524
Filing Date	:16/06/2008
(87) International Publication No	:WO
	2008/155303 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INERGY AUTOMOTIVE SYSTEMS RESEARCH
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Address of Applicant :RUE DE RANSBEEK, 310, B-1120
BRUSSELS Belgium
(72)**Name of Inventor :**
1)HABUMUREMYI, JEAN-CLAUDE

(57) Abstract :

Process for starting a pump intended to pump a liquid contained in a tank and to produce a substantially constant outlet pressure (setpoint pressure), according to which: 1. the temperature (T1) of the liquid held in the tank is determined and compared to a setpoint temperature (TO); 2. if the temperature (T1) is greater than the setpoint temperature (TO), the pump is actuated; 3. if the temperature (T1) is less than or equal to the setpoint temperature (TO), the tank is heated for a time t1; then 4. the pump is actuated for a time t2 during which the pump outlet pressure is measured; 5. if this pressure is stable and in an acceptable margin of the setpoint pressure, the pump is kept going; 6. if this pressure is not stable and/or is not in the acceptable margin of the setpoint pressure, the pump is stopped and the tank is heated for a time t3, at the end of which steps 4 to 6 are repeated.

No. of Pages : 16 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9476/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/11/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : CONDUCTING ELEMENT FOR SHUNTING AN ELECTRIC POWER SUPPLY

(51) International classification :H01H83/12,H01R11/05,H01H71/08
(31) Priority Document No :MI2000A002739
(32) Priority Date :18/12/2000
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2001/14469
Filing Date :06/12/2001
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :128/CHENP/2008
Filed on :06/12/2001

(71)Name of Applicant :
1)ABB S.P.A.
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(72)Name of Inventor :
1)BESANA, STEFANO

(57) Abstract :

The present invention relates to a conducting element for shunting an electric power supply from a main conductor to an accessory device operatively associated with a circuit breaker, whose particularity consists of the fact that it comprises a contoured body that is meant to be arranged in a seat on the body of the circuit breaker in which a terminal for connection to the main conductor is arranged, the contoured body comprising at least one first surface that is suitable to be rested against a wall of the seat on the circuit breaker body and a second surface that protrudes at right angles from the first surface and is suitable to operatively couple to an additional conducting component that can be connected electrically to the accessory device.

No. of Pages : 15 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5448/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :26/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : SHEET OR FABRIC HOLDING DEVICE

(51) International classification	:A45F5/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:NA	Address of Applicant :3M CENTER, POST OFFICE BOX
(33) Name of priority country	:NA	33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)WADHWA, SUMIT
(87) International Publication No	: NA	2)KHARE, ABHINAV
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A sheet or fabric holding device comprising; a. A body b. A clip with a leaf shape opening, coupled to the body, uniformly curved and proportionately running parallel on both side of the body portion from clip base intersecting at the tip forming a clip tongue.

No. of Pages : 20 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5449/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :26/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : HYDRAULIC CIRCUIT FOR CONSTRUCTION MACHINE

(51) International classification	:E02F9/00	(71) Name of Applicant :
(31) Priority Document No	:2011-288332	1)KOBELCO CONSTRUCTION MACHINERY CO., LTD.
(32) Priority Date	:28/12/2011	Address of Applicant :2-1, ITSUKAICHIKOU 2-CHOME,
(33) Name of priority country	:Japan	SAEKI-KU, HIROSHIMA-SHI, HIROSHIMA 731-5161 Japan
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)OGUMA, SHOTA
(87) International Publication No	: NA	2)UEDA, KOJI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A circuit for driving a hydraulic cylinder of a construction machine includes: a hydraulic pump; a tank; a control valve; a bottom side line; a rod side line; a quick return circuit having a branch line branched off from the bottom side line and led to the tank and a quick return valve which allows hydraulic fluid to be flowed through the branch line only when the control valve is switched to a contraction driving position; and a recycling circuit which supplies a part of return fluid discharged from a bottom side fluid chamber to a rod side fluid chamber of the hydraulic cylinder. The recycling circuit allows the hydraulic fluid to be flowed only from the bottom side fluid chamber into the rod side fluid chamber of the hydraulic cylinder only when the hydraulic cylinder is switched to the contraction driving position.

No. of Pages : 26 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5450/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :26/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : AN ELECTRICAL STATE CHANGER SYSTEM BASED ON THE CHANGE IN PRESSURE ON A PIEZOELECTRIC CELL BASED SEATING ARRANGEMENT

(51) International classification

:G05B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)HARSHA. P

Address of Applicant :NO.59/B, AVN GARDEN,
VANAGARAM, CHENNAI - 600 095 Tamil Nadu India

(72)Name of Inventor :

1)HARSHA. P

(57) Abstract :

An electronic system comprising a sensing, transmission and reception unit, for the switching operations devoid of any manual labour that delivers current to the connected appliances in an automated way for optimization of energy consumption. The automation is based on the persons presence in a room or cabin.

No. of Pages : 8 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.66/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :03/01/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : DEVICE AND METHOD FOR DATA LOAD BALANCING

(51) International classification :H04L12/56,H04L29/14,H04L29/08
(31) Priority Document No :10290307.7
(32) Priority Date :08/06/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/059146
Filing Date :01/06/2011
(87) International Publication No :WO 2011/154311
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ALCATEL LUCENT
Address of Applicant :3 avenue Octave Grard F 75007 Paris
France
(72)Name of Inventor :
1)TSYEN Luc
2)VERBANDT Hugo

(57) Abstract :

The present invention is related to a method for determining a data traffic load distribution over a network in an IP Multimedia Subsystem IMS whereby said network comprises a client source node and at least two server destination nodes. The at least two server destination nodes have a different capacity for handling data transmission requests. The method comprises the steps of said client source node sending a request for data transmission over the network to the at least two server destination nodes according to a client server protocol each of the at least two server destination nodes transmitting in response to said request an indication on the status of its actual capacity said client source node exploiting the status indications for deciding on load distribution of the data traffic over the server destination nodes.

No. of Pages : 22 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.711/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :29/01/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : INTERIOR ILLUMINATION LAMP FOR VEHICLE

(51) International classification	:B60Q3/02,B60R13/02	(71) Name of Applicant : 1)YAZAKI CORPORATION Address of Applicant :4 28 Mita 1 chome Minato ku Tokyo 1088333 Japan
(31) Priority Document No	:2010174657	
(32) Priority Date	:03/08/2010	
(33) Name of priority country	:Japan	
(86) International Application No	:PCT/JP2011/068208	(72) Name of Inventor :
Filing Date	:03/08/2011	1)SUZUKI Ken
(87) International Publication No	:WO 2012/018139	2)OCHIAI Ryohei
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An interior illumination lamp (10) for a vehicle is provided in which an appearance of a mated part of an outer periphery of a decorative surface of a lens (20) to be mated with a roof trim (40) can be easily enhanced and looseness of the mated part is eliminated. In the interior illumination lamp 10 for a vehicle including a lamp unit 30 having a light source 30L which is a functional part and a lens 20 provided inside a vehicle room which is a decorative part the lens 20 is engaged with the lamp unit 30 through an inner peripheral edge of an opening 40K in a roof trim 40 thereby to clamp the roof trim 40 between them and to attach the interior illumination lamp 10 for a vehicle in a state where the roof trim 40 is clamped. The lamp unit 30 is provided with a plurality of positioning projections 30T at a position where the lamp unit 30 is contacted with the roof trim 40.

No. of Pages : 17 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5476/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : DESIGN OF HIGHLY COMPACT FOLDABLE COT

(51) International classification	:A47D13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DOMMARAJU, KRISHNA MOHAN RAJU
(32) Priority Date	:NA	Address of Applicant :6/840, SARASWATHIPURAM,
(33) Name of priority country	:NA	RAJAMPET - 516 115, KADAPPA (DT.) Andhra Pradesh India
(86) International Application No	:NA	2)DR. K. VIJAYA KUMAR REDDY
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DOMMARAJU, KRISHNA MOHAN RAJU
(61) Patent of Addition to Application Number	:NA	2)DR. K. VIJAYA KUMAR REDDY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to the highly compact foldable cot, its top surface is covered by a flexible cloth with a stretchable mechanism on both longitudinal and lateral side elements and the structure consists of two flexible elements in each longitudinal and lateral side elements, and these elements joints consists of two hinge joints i.e. one permanent hinge joint, and one removable hinge joint, and the lateral stiffener provided between two longitudinal side elements, and between two leg elements consists of two flexible elements, and these flexible elements one end is permanently hinged and other ends are joined by removable hinge joints, and by removing the all removable hinge joint pins, the cot can be folded to the highly compact condition.

No. of Pages : 18 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9756/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/11/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : INTELLIGENT FIRST AID KIT

(51) International classification :A61J1/00,A61F17/00,G06K9/18
(31) Priority Document No :U201000548
(32) Priority Date :19/05/2010
(33) Name of priority country :Spain
(86) International Application No :PCT/ES2010/070720
Filing Date :05/11/2010
(87) International Publication No:WO 2011/144770 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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15960 Riveira (A Coruña) Spain

(72)Name of Inventor :

1)SANTIAGO FONTAL A Jos Mara

(57) Abstract :

Intelligent first aid kit (1) consisting of a fixed first aid kit of the conventional first aid kits for storing the most important drugs which it is important to have for emergencies or chronic illnesses which is a parallelepipedal container divided into several elongated compartments (2) preferably with a rectangular cross section and a vertical orientation which consists of a drawer (3) an input reader (5.1) an output reader (5.2) a slot (4) for the insertion of an electronic health card a keypad (6) a screen (7) and a control module (8).

No. of Pages : 11 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4360/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : POWER INVERTER FOR FEEDING ELECTRIC ENERGY FROM A DC POWER GENERATOR INTO AN AC GRID WITH TWO POWER LINES

(51) International classification	:H02M3/337	(71)Name of Applicant :
(31) Priority Document No	:PCT/EP2010/067355	1)SMA SOLAR TECHNOLOGY AG
(32) Priority Date	:12/11/2010	Address of Applicant :Sonnenallee 1 34266 Niestetal Germany
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/070011	1)OLDENKAMP Henk
Filing Date	:14/11/2011	
(87) International Publication No	:WO 2012/062929	
	A2	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A power inverter (1) for feeding electric energy from a DC power generator into an AC grid with two power lines comprises: two input terminals (2 3) for connecting the power generator; two output terminals (4 5) for connecting the two power lines of the AC grid; a resonant converter (51) including a high frequency transformer (17) comprising a primary winding (16) and a secondary winding (18) at least one high frequency switched semiconductor power switch (9 12) that connects one end of the primary winding (16) of the high frequency transformer (17) to one of the input terminals (2 3) for providing a current path through the primary winding (16) to the other one of the input terminals (3 2) a resonant series circuit (19) comprising an inductance and a capacity and a high frequency rectifier (22) rectifying a current through the secondary winding (18) of the high frequency transformer (17) and having two output lines (26 27); and an output converter (31) connected between the output lines (26 27) of the high frequency rectifier (22) and the two output terminals (4 5).

No. of Pages : 48 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4362/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :06/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : SWIVEL WITH OR FOR HYDRANT MANIFOLD INDUSTRIAL FIRE FIGHTING

(51) International classification	:E03B9/02
(31) Priority Document No	:61/459,232
(32) Priority Date	:09/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/001960
Filing Date	:06/12/2011
(87) International Publication No	:WO 2012/078188 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WILLIAMS Dwight P.
2)SPEARS Casey R.

(57) Abstract :

A swivel with or for a hydrant manifold for industrial fire fighting comprising a swivel providing an at least 6 inch flow conduit and preferably including mating male and female sleeves of stainless steel and preferably having at least two rings of stainless steel ball bearings and a location for an interior water seal.

No. of Pages : 31 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.456/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :18/01/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : COMPLEXES

(51) International classification :B01J31/22,B01J31/24,C07F15/00

(31) Priority Document No :61/357744

(32) Priority Date :23/06/2010

(33) Name of priority country :U.S.A.

(86) International Application
No :PCT/GB2011/051171

Filing Date :22/06/2011

(87) International Publication
No :WO 2011/161451

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

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EC4A 4AB U.K.

(72)Name of Inventor :

1)COLACOT Thomas John

2)JOHANSSON SEECHURN Carin C. C.

3)PARISEL Sebastien Laurent

(57) Abstract :

The present invention provides a complex of formula (1) wherein M is palladium or nickel R and R are independently organic groups having 1 to 20 carbon atoms or R and R are linked to form a ring structure with the phosphorus atom R is selected from the group consisting of substituted and unsubstituted aryl substituted and unsubstituted heteroaryl and substituted and unsubstituted metallocenyl R is an organic group having 1 to 20 carbon atoms n is 0 1 2 3 4 or 5 X is an anionic ligand. The invention also provides a process for the preparation of the complex and its use in carbon carbon or carbon nitrogen coupling reactions.

No. of Pages : 44 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5332/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :20/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : RETRACTABLE SPOKE MECHANISM FOR STAIR CLIMBING WHEEL CHAIR

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		3)LEVISE REPHY
		4)M. SANDEEP
		5)M. NARASIMHARAO
		6)SANOJ JACOB. P.D.
		(72)Name of Inventor :
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		2)K. SRIPRIYAN
		3)LEVISE RAPHY
		4)M. SANDEEP
		5)M. NARASIMHARAO
		6)SANOJ JACOB. P.D.
(51) International classification	:A61G5/00	
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention provides a wheelchair for users which can climb stairs without any hassles. It is fitted with a specially designed spoke mechanism, chain sprocket assembly and a balancing system. When the wheelchair is climbing the steps the retractable spokes are open and in contact with the stairs. The new design is useful and efficient for any person who needs to use such a mechanism.

Keywords: retractable spoke, chain sprocket, gears.

No. of Pages : 9 No. of Claims : 1

(54) Title of the invention : A METHOD FOR MANUFACTURING A CLAD MATERIAL HAVING TWO OR MORE SKIN MATERIALS

(51) International classification :B22D
 (31) Priority Document No :2005-356810
 (32) Priority Date :09/12/2005
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2006/324429
 Filing Date :07/12/2006
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :2874/CHENP/2008
 Filed on :07/12/2006

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Address of Applicant :10-26, WAKINOHAMA-CHO 2-CHOME, CHUO-KU, KOBE-SHI, HYOGO 651-8585 Japan

(72)Name of Inventor :

1)TAKADA, MASAYUKI

2)NISHIOKA, YASUHIRO

3)NISHIMURA, TOMOHIRO

4)TOKUDA, KENJI

5)UEDA, TOSHIKI

6)MORISHITA, MAKOTO

7)INABA, TAKASHI

8)TSURUNO, AKIHIRO

9)KATO, YOSHINORI

10)KOSHIGOE, FUMIHIRO

11)TANIGAWA, MASAKI

12)SAKASHITA, NAOKI

13)HARADA, KENJI

14)SHIKATA, JITSUTO

15)IKEDA, MASANORI

(57) Abstract :

The present invention provides a method for manufacturing a clad material and the equipment for manufacturing the clad material, in which the productivity is excellent, the surface state and the flatness of the clad material can be readily controlled and the deterioration in adhesion rarely occurs in the clad material. The method for manufacturing the clad material composed of a core material and one or more skin materials which are superposed on either one or both faces of the core material includes: a clad material preparation process where an ingot for core material, which is manufactured by dissolving and casting a metal for core material in a core material preparation process, and an ingot for skin material, which is manufactured by dissolving and casting a metal for skin material different from the core material in their component composition, in a skin material preparation process, are prepared, respectively; a superposition process where the ingot for skin material is superposed as a skin material at a predetermined position of either one or both faces of the ingot for core material to manufacture a superposed material; and a clad hot-rolling process where the superposed material is hot-rolled to manufacture a clad material. Fig 9A & 9B.

No. of Pages : 90 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4816/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : IMPROVED CAPPING MODULES FOR DESIGNED ANKYRIN REPEAT PROTEINS

(51) International classification :C07K14/47

(31) Priority Document No :10192711.9

(32) Priority Date :26/11/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/071084

Filing Date :25/11/2011

(87) International Publication No :WO 2012/069655

A3

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)MOLECULAR PARTNERS AG

Address of Applicant :Wagistrasse 14 CH 8952 Schlieren
Switzerland

(72)Name of Inventor :

1)BINZ Hans Kaspar

(57) Abstract :

Improved N terminal capping modules for designed ankyrin repeat proteins (DARPs) conferring improved thermal stability to the DARPs are described as well as nucleic acids encoding such proteins pharmaceutical compositions comprising such proteins and the use of such proteins in the treatment of diseases.

No. of Pages : 54 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4817/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :19/11/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : SYSTEM AND METHOD FOR PERSONAL FINANCIAL LIFECYCLE MANAGEMENT AND RETAIL FINANCIAL SERVICES

(51) International classification	:G06Q10/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ARTHA YANTRA SOLUTIONS PVT LTD.
(32) Priority Date	:NA	Address of Applicant :EAST AVENUE, PLOT #319,
(33) Name of priority country	:NA	SECOND FLOOR, AYYAPA SOCIETY, MADAHPUR,
(86) International Application No	:NA	HYDERABAD - 500 081 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)NITIN B VYAKARANAM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is directed to a computer readable system and method for personal financial lifecycle management and retail financial services in general. More particularly, the present invention relates to a computer readable system and method used in personal financial planning lifecycle for planning, executing and monitoring the financial/investment plans and in depth developing personal financial lifecycle intelligence analysis and management.

No. of Pages : 27 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5295/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :18/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : HERBAL FORMULATION FOR THE TREATMENT OF ARTHRITIS

(51) International classification	:A61K36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BHOODHATHAN KAANI
(32) Priority Date	:NA	Address of Applicant :AGASTHIYAR NAGAR, KAANI
(33) Name of priority country	:NA	KUDIYIRUPPU KAARIYAR POST, APPAR DAM,
(86) International Application No	:NA	TIRUNELVELI Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)BHOODHATHAN KAANI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses an herbal composition. The present invention in particular discloses an herbal formulation for the treatment of arthritis comprising of Cadaba farinosa. The present invention further discloses a process for preparing the herbal formulation.

No. of Pages : 14 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8034/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/09/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : ANTI LRP6 ANTIBODIES

(51) International classification :C07K16/28,A61K39/395,A61P35/00
(31) Priority Document No :61/317137
(32) Priority Date :24/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/029508
Filing Date :23/03/2011
(87) International Publication No :WO 2011/119661
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)GENENTECH INC.

Address of Applicant :1 DNA Way South San Francisco
California 94080 4990 U.S.A.

2)F. HOFFMANN LA ROCHE AG

(72)Name of Inventor :

1)BOURHIS Eric

2)CARANO Rick

3)COCHRAN Andrea

4)COSTA Mike

5)DE ALMEIDA Venita

6)ERNST James

7)GONG Yan

8)HANNOUSH Rami

9)POLAKIS Paul

10)RUBINFELD Bonnee

11)SOLLOWAY Mark

12)WU Yan

13)CAO Tim Christopher

(57) Abstract :

The invention provides anti LRP6 antibodies and methods of using the same. A particular aspect of the invention provides for bispecific anti LRP6 antibodies that inhibit signaling by multiple Wnt isoforms.

No. of Pages : 176 No. of Claims : 76

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5070/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : POLYESTER POLYOLS BASED ON AROMATIC DICARBOXYLIC ACIDS

(51) International classification :C08G18/40,C08G18/42,C08G18/48

(31) Priority Document No :10193476.8

(32) Priority Date :02/12/2010

(33) Name of priority country:EPO

(86) International Application No :PCT/EP2011/071116

Filing Date :28/11/2011

(87) International Publication No :WO 2012/072540

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)BASF SE

Address of Applicant :67056 Ludwigshafen Germany

(72)Name of Inventor :

1)GEHRINGER Lionel

2)KAMPF Gunnar

3)BALBO BLOCK Marco

(57) Abstract :

The present invention relates to polyester polyols based on aromatic dicarboxylic acids and to the use thereof for production of rigid polyurethane foams.

No. of Pages : 31 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5071/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :05/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : SYSTEM AND METHOD FOR GENERATING ACTIVITY RECOMMENDATIONS

(51) International classification	:G06Q30/00	(71)Name of Applicant :
(31) Priority Document No	:13/444515	1)FERNANDES, JOSEPH R.
(32) Priority Date	:11/04/2012	Address of Applicant :A41, SHEFALI APARTMENTS, AGA
(33) Name of priority country	:U.S.A.	ABBAS ALI ROAD, BANGALORE - 560 042 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)FERNANDES, JOSEPH R.
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

System and method for generating one or more activity recommendations for a user are provided. The method comprises steps of receiving selection for a first set of user inputs, retrieving one or more activities from an activity database module based on the selection of the user inputs, scoring the activities based on at least one predetermined parameter and presenting one or more activity recommendations to the user based on the scoring. The method further comprises enabling the user to perform at least one activity from the one or more activity recommendations.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5311/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :19/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : DRIVER ASSISTANCE SYSTEM FOR BLIND TURNS

(51) International classification	:G08G1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VIT UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :VELLORE - 632 014 Tamil Nadu India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)KALIYAPERUMAL GANESAN
Filing Date	:NA	2)NAMAN JAIN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure provides a noise pollution free driver assistance system for blind turns. A blind turn is a position on a road from where a vehicle driver cannot determine the approaching vehicle which is a few meters ahead. These turns are generally found in hilly regions. A number of accidents occur due to lack of information about the approaching vehicles on such narrow roads. To overcome this problem we install an array of sensors such as ultrasonic sensors, camera etc. on both the sides of the turn to detect the vehicles and indicate the same using devices such as display boards, traffic lights, alarms etc. using wired or wireless communication protocols. The present disclosure also classifies the approaching vehicle, its speed and accordingly controls the signalling system automatically.

No. of Pages : 15 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5054/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : DC/DC VOLTAGE CONVERTER AND METHOD FOR OPERATING A DC/DC VOLTAGE CONVERTER

(51) International classification	:H02M3/335
(31) Priority Document No	:10 2010 060 957.9
(32) Priority Date	:02/12/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/071643
Filing Date	:02/12/2011
(87) International Publication No	:WO 2012/072803
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)SMA SOLAR TECHNOLOGY AG
Address of Applicant :Sonnenallee 1 34266 Niestetal Germany
(72)Name of Inventor :
1)MILLER Jens Uwe
2)LEIFERT Torsten
3)HEINZE Sebastian
4)WILLENBERG Mario

(57) Abstract :

The invention relates to a method for operating a DC/DC voltage converter comprising a first switching bridge (10) with at least two first switches (11 12 13 14) coupled to an input of the DC/DC voltage converter a second switching bridge (20) with at least two second switches (21 22 23 24) coupled to an output of the DC/DC voltage converter a transformer (30) and at least one capacitor (41 42) wherein the first switching bridge (10) is connected to the second switching bridge (20) via the transformer (30). The first switches (11 14) are switched such that a resonant circuit formed by the transformer (30) and the at least one capacitor (41 42) is operated in resonance and the second switches (21 24) are switched at the same clock frequency with a phase shift compared to the first switches (11 14) such that the second switches (21 22 23 24) are switched prior to the first switches (14 13 12 11). The invention also relates to a DC/DC voltage converter comprising a control circuit for the first and second switches which is configured to carry out the method and to a backup power system comprising such a DC/DC voltage converter.

No. of Pages : 33 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5055/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : DEVICE FOR SEPARATING COMPOSITE MATERIALS

(51) International classification :B29L9/00,B29B17/04,B29B17/02

(31) Priority Document No :2027/10

(32) Priority Date :01/12/2010

(33) Name of priority country :Switzerland

(86) International Application
No :PCT/IB2011/055408

Filing Date :01/12/2011

(87) International Publication
No :WO 2012/073216

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SWISS REDUX ENGINEERING AG

Address of Applicant :Werkhofstrasse 6 CH 6052 Hergiswil
Germany

(72)Name of Inventor :

1)MUTHER Christoph

(57) Abstract :

The invention relates to a novel device (10) for separating composite materials comprising a cylindrical rotor (17) which has a shaft driven by a motor and strip shaped first impacting tools (30) which are evenly distributed over the circumference and which protrude from the rotor parallel to the shaft and comprising a cylindrical stator (12) that surrounds the rotor wherein an annular space (32) is formed between the rotor and the stator. An air supply channel (15) opens into the upper region of the annular space (32) and an air removal channel (38) leads away from the lower region of the annular space. Furthermore the cylindrical wall of the stator (12) has strip shaped second impacting tools (31) which are evenly distributed over the circumference and which protrude radially inward.

No. of Pages : 17 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/01/2013

(21) Application No.65/CHENP/2013 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : INTERLOCK AND PROCESS

(51) International classification :B01J19/00,C08F2/06,C08F2/34
(31) Priority Document No :10168853.9
(32) Priority Date :08/07/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/060791
Filing Date :28/06/2011
(87) International Publication No :WO 2012/004154
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :

1)INEOS COMMERCIAL SERVICES UK LIMITED

Address of Applicant :Hawkslease Chapel Lane Lyndhurst
Hampshire SO43 7FG U.K.

(72)Name of Inventor :

1)CHAMAYOU Jean Louis

2)LEE Stephen Kevin

(57) Abstract :

The present invention relates to production of polymer and in particular provides an interlock for use in a process for production of a polymer in a reactor which process comprises: a. polymerising a monomer and optionally a comonomer in the reactor to produce polymer optionally in the presence of an inert hydrocarbon and b. withdrawing produced polymer from the reactor said interlock being based on the temperature in the reactor and comprising: 1. measuring the temperature in the reactor or a temperature representative of the temperature in the reactor and 2. comparing said measured temperature to a threshold temperature said interlock being characterised in that withdrawal is allowed if the measured temperature is greater than the threshold temperature but is prevented if the measured temperature is lower than the threshold temperature.

No. of Pages : 18 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5396/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :24/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : AUXILIARY NOZZLE OF AIR JET LOOM

(51) International classification	:D03D47/00	(71)Name of Applicant :
(31) Priority Document No	:2011-287050	1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
(32) Priority Date	:28/12/2011	Address of Applicant :2-1, TOYODA-CHO, KARIYA-SHI, AICHI-KEN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)MAKINO, YOICHI
Filing Date	:NA	2)GOTO, TAKUJI
(87) International Publication No	: NA	3)AOYAMA, HIROAKI
(61) Patent of Addition to Application Number	:NA	4)YAMAGUCHI, TAKASHI
Filing Date	:NA	5)MIWA, KAZUYA
(62) Divisional to Application Number	:NA	6)HAMAGUCHI, ATSUSHI
Filing Date	:NA	

(57) Abstract :

A auxiliary nozzle of an air jet loom includes a nozzle hole formed through a front wall of the auxiliary nozzle and having an inner opening opening to inside of the auxiliary nozzle and an outer opening opening to outside of the auxiliary nozzle. An axis extending in longitudinal direction of the auxiliary nozzle through axial center of the auxiliary nozzle is defined as center axis. An axis intersecting with the center axis and extending in a direction perpendicular to the front wall is defined as weft insertion axis. An axis extending through center of the inner opening and center of the outer opening is defined as nozzle hole axis. The nozzle hole axis is angularly spaced horizontally from the weft insertion axis. Weft insertion is accomplished by compressed air injected from the nozzle hole. The center of the inner opening is positioned on the weft insertion axis.

No. of Pages : 18 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5535/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :31/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : ROTARY WING UNMANNED AIRCRAFT SYSTEM, GUIDANCE AND CONTROL METHOD THEREOF

(51) International classification	:B64C39/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ANNA UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :SARDAR PATEL ROAD, GUINDY,
(33) Name of priority country	:NA	CHENNAI 600 025 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. K. SENTHIL KUMAR
(87) International Publication No	: NA	2)A. MOHAMED RASHEED
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An unmanned aerial vehicle (UAV) capable of vertical and horizontal flight modes comprising of a support structure having atleast two landing gears, a central housing mounted on the support structure housing a programmable on-flight control system and payloads. A plurality of elongated modular detachable wing frames is mounted on the support structure and one or more propellers powered by atleast one power source mounted at a pre-determined position near the trailing end of the wing frame.

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5536/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :31/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : CLOUD BASED CONTROL, GUIDANCE AND MANAGEMENT OF UNMANNED AIRCRAFT SYSTEMS

(51) International classification	:B64C39/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ANNA UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :SARDAR PATEL ROAD, GUINDY,
(33) Name of priority country	:NA	CHENNAI 600 025 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. S. THAMARAI SELVI
(87) International Publication No	: NA	2)DR. K. SENTHIL KUMAR
(61) Patent of Addition to Application Number	:NA	3)G. KANNAN
Filing Date	:NA	4)A. MOHAMED RASHEED
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An unmanned aerial vehicle system operable by cloud based resources comprising of an unmanned aerial vehicle (UAV) capable of vertical and horizontal flight modes comprising of a support structure having atleast four legs. Onto the support structure is mounted a central housing mounted housing a programmable control system and payloads. A plurality of elongated wing frames is movably mounted on the support structure and one or more propellers powered by atleast one power source mounted at a pre-determined position near the trailing end of the wing frame. The control system is in communication with cloud based resources through a resource broker.

No. of Pages : 20 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8835/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/10/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : NOVEL METAL ORGANIC FRAMEWORKS AS ELECTRODE MATERIAL FOR LITHIUM ION ACCUMULATORS

(51) International classification :H01M4/60,C07F1/02
(31) Priority Document No :10160560.8
(32) Priority Date :21/04/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/051696
Filing Date :19/04/2011
(87) International Publication No :WO 2011/132147
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BASF SE
Address of Applicant :67056 Ludwigshafen Germany
(72)**Name of Inventor :**
1)TRUKHAN Natalia
2)MLLER Ulrich
3)PANCHENKO Alexander
4)MALKOWSKY Itamar Michael
5)FISCHER Andreas

(57) Abstract :

The present invention discloses an electrode material which is suitable for a lithium ion accumulator and comprises a porous metal organic framework wherein the framework comprises lithium ions optionally at least one further metal ion and at least one at least bidentate organic compound and the at least one at least bidentate organic compound is based on a dihydroxydicarboxylic acid which can be reversibly oxidized to a quinoid structure. The present invention further discloses such a porous metal organic framework the use thereof and also lithium ion accumulators comprising such electrode materials.

No. of Pages : 15 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9406/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :05/11/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : USE OF SYNTHETIC ADHESIVES FOR PRODUCING CORRUGATED CARDBOARD

(51) International classification :B31F1/28
(31) Priority Document No :10159526.2
(32) Priority Date :09/04/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/055447
Filing Date :07/04/2011
(87) International Publication No :WO 2011/124651
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BASF SE
Address of Applicant :67056 Ludwigshafen Germany
(72)Name of Inventor :
1)SCHUMACHER Karl Heinz
2)FONSECA Gledison
3)AL HELLANI Rabie
4)GASCHLER Wolfgang
5)KRGER Ellen
6)HEROLD Andrea
7)STEIN Hildegard
8)HARTZ Oliver
9)KR-NER Hubertus

(57) Abstract :

The invention relates to the use of synthetic adhesives for producing corrugated cardboard at relatively low temperatures and high web speeds. The corrugated cardboard comprises a corrugated paper web and a smooth cover web and the corrugation of the corrugated paper web is generated at paper temperatures lower than 95°C and at a web speed greater than 150 m/min. Immediately after the corrugation of the corrugated paper web has been generated a preferably unheated corrugation adhesive is applied in a continuous process and the corrugated paper web is glued to the at least one first cover web. The corrugation adhesive used is an aqueous adhesive dispersion on the basis of at least one synthetic dispersed polymer having preferably a solids content of more than 40 wt % selected from acrylate copolymers copolymers from vinylaromatic compounds and conjugated aliphatic dienes and vinyl acetate/alkylene copolymers wherein the glass transition temperatures of the polymers are higher than 20°C and below the surface temperature of the corrugated paper web (preferably by at least 50°C) to which they are applied.

No. of Pages : 20 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5231/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :14/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : SYSTEM AND METHOD FOR GENERATING STUDENT MIRROR MAPS IN UNIVERSITY

(51) International classification	:G09B29/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
(32) Priority Date	:NA	Address of Applicant :#3, VEERASWAMY STREET, WEST
(33) Name of priority country	:NA	MAMBALAM, CHENNAI - 600 033 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SRIDHAR VARADARAJAN
(87) International Publication No	: NA	2)PREETHY IYER
(61) Patent of Addition to Application Number	:NA	3)MEERA DIVYA MUNIPALLI VENUGOPAL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An educational institution (also referred as a university) is structurally modeled using a university model graph. A key benefit of modeling of the educational institution is to help in an introspective analysis by the educational institute. The analysis of the various activities performed on the university campus by the various entities (such as students) of the university leads to the generation of student specific activity maps. These maps play a role in counseling students in organizing and planning of their activities in the context of the university. A system and method for automated generation of mirror maps involves the combined analysis of a set of activity maps of a set of students to measure their similarities. Such similarities help, for example, in the process of formation of teams, and identification of meeting times and venues.

No. of Pages : 53 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5463/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : HEAD CONTROLLED HANDS - FREE POWER WHEELCHAIR

(51) International classification

:A61G5/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)ASWIN ASOK. M

Address of Applicant :ANASWARA, PAROPPADY, P.O.

MALAPARAMBA, KOZHIKODE, PIN - 673 009 Kerala India

2)JASIR V.K.

3)SREERAM. M

4)TIJO THOMAS

(72)Name of Inventor :

1)ASWIN ASOK. M

2)JASIR V.K.

3)SREERAM. M

4)TIJO THOMAS

(57) Abstract :

Head movement controlled power wheelchair™ materializes the novel idea of a low cost, hands free electronic vehicle for quadriplegics. Herein the control of the wheelchair rests with the user™s head movement. Turning the head in a particular direction results in the movement of the vehicle in that direction. By turning his/her head down, right and left, the user can drive the wheelchair straight, right and left respectively. The principle of LDRs is used for the detection of head movement. The power wheelchair control is based on the microcontroller platform. The whole idea is to bring in a certain degree of self sufficiency in the movement of quadriplegics.

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5177/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :12/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : PERFORATED TRANSPORT BELT OF FIBER BUNDLE COLLECTING DEVICE

(51) International classification	:D01H
(31) Priority Document No	:2011-274655
(32) Priority Date	:15/12/2011
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
Address of Applicant :2-1, TOYODA-CHO, KARIYA-SHI,
AICHI-KEN Japan
(72)**Name of Inventor :**
1)YASUYUKI KAWAI

(57) Abstract :

A spinning machine includes a drafting device and a fiber bundle collecting device. The fiber bundle collecting device includes a perforated transport belt and collects a fiber bundle drafted by the drafting device. The perforated transport belt includes a coating made of a conductive polymer. The entire outer surface of the perforated transport belt is formed by the coating.

No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5253/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :17/12/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : CLINICAL AUTOMATION THROUGH INTELLIGENT INSTRUMENTATION

(51) International classification	:A61B5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SARANNITHISH. K.S.
(32) Priority Date	:NA	Address of Applicant :7, HERITAGE VENKATESHWARA
(33) Name of priority country	:NA	NGR, PORUR, CHENNAI - 600 116 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SARANNITHISH. K.S.
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Clinical Automation through intelligent instrumentation involves the fields of Biometrics, Signal processing, Bio-telemetry, DBMS, Cloud computing and Instrumentation both at nano and large scale . The main objective of clinical automation is to facilitate the rural and remote communities to avail the advanced medical facilities and consultation in a kiosk and reduce the doctor-patient ratio. The implementation process involves vital parameter acquisition from the patient such as Blood pressure, Body temperature, Pulse rate, cardiac activity, neurological activity, muscular activity, anatomical and physiological parameters. These data are acquired using Integrated Diagnostic System(IDS) comprising of pressure sensors, thermistors, ultra-sound transducers Electrocardiograph, Electroencephalograph, Electromyograph, X-rays and auto-analyzers. These acquired parameters are then classified as data-forms and waveforms. The data-forms are digitized and the waveforms in time domain are converted to spectrum. The available data-forms are compared with the lookup tables pre-stored in the remote servers database and the spectrum of the waveforms are correlated with standard waveforms. The server database is pre-fed with universal information about the symptoms, standards, and therapies from medical sources. According to the degree of correlation (measured using correlation coefficient) the combination of therapies is arrived. From this combination the most appropriate treatment is evolved . Thus an ideal error-free clinical automation system is arrived with user-friendly interface.

No. of Pages : 10 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/11/2012

(21) Application No.9816/CHENP/2012 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : TRANSMISSION LUBRICANT

(51) International classification :C10M107/28,C10M145/14,C08F220/18
(31) Priority Document No :10 2010 028 195.6
(32) Priority Date :26/04/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/052712
Filing Date :24/02/2011
(87) International Publication No :WO 2011/134695 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)EVONIK ROHMAX ADDITIVES GMBH
Address of Applicant :Kirschenallee 64293 Darmstadt
Germany
(72)Name of Inventor :
1)GHAHARY Reza
2)GEBHARDT Jürgen
3)KRAPFL Thilo
4)MLLER Michael
5)SCHIMMEL Thomas
6)SCHWEDER Roland
7)ST-HR Torsten
8)WINCIERZ Christoph

(57) Abstract :

The present invention relates to a transmission lubricant comprising at least 30% by weight of polyalkyl (meth)acrylate. The present invention further describes polyalkyl (meth)acrylates for use in lubricants and also processes for preparing them and their use. The present lubricants can be used particularly in wind turbine transmissions.

No. of Pages : 63 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2012

(21) Application No.5470/CHE/2012 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : SYSTEM AND METHOD FOR INSTANTLY CHANGING A PHYSICAL STATE OF A MATTER

(51) International classification :B01F15/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)RAGATEE VENKAT REDDY

Address of Applicant :H.NO.6-3-596/24/1, FLAT NO.202,
ANJALI ENCLAVE, VENKATRAMANA COLONY,
ERAMANZIL, KAIRATHABAD, HYDERABAD - 500 004
Andhra Pradesh India

2)VALLAPREDDY PAVAN KUMAR REDDY

(72)Name of Inventor :

1)RAGATEE VENKAT REDDY

2)VALLAPREDDY PAVAN KUMAR REDDY

3)KISHORE SAMALA

4)U. VARMA

5)AMAR KOVELA

(57) Abstract :

Exemplary embodiments of the present invention are directed towards a system and method for instantly changing a physical state of matter. The system includes a first chamber for storing a liquid state of a chemical element. The liquid state of the chemical element includes a cryogenic temperature and maintained at a high pressure. The system further includes a second chamber for collecting the liquid state of the chemical element transferred from the first chamber through a passage and one or more mixer appliances comprising a liquid state of a matter for receiving the liquid state of the chemical element from the second chamber, whereby the received liquid state of the chemical element instantly converts the liquid state of the matter into solid state.

No. of Pages : 14 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9786/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/11/2012

(43) Publication Date : 11/07/2014

(54) Title of the invention : INHIBITORS OF DIPEPTIDYLPEPTIDASE IV FOR REGULATING GLUCOSE METABOLISM

(51) International classification :A61K31/198,A61K31/4164,A61K31/69
(31) Priority Document No :60/547,227
(32) Priority Date :23/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/06128
Filing Date :23/02/2005
(87) International Publication No :WO/2005/082348
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :3458/CHENP/2006
Filed on :23/02/2005

(71)Name of Applicant :
1)TRUSTEES OF TUFTS COLLEGE
Address of Applicant :BALLOU HALL, 4TH FLOOR,
MEDFORD, MA 02155 U.S.A.
(72)Name of Inventor :
1)BACHOVCHIN WILLIAM W
2)LAI, HUNG-SEN
3)WU, WENGEN

(57) Abstract :

This invention relates to a compound having a structure of Formula II or pharmaceutically acceptable salt thereof, wherein the substituents are as described in the description.

No. of Pages : 82 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.68/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :03/01/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : INSERT MOLDING METHOD FOR CONNECTOR

(51) International classification :H01R43/20
(31) Priority Document No :2010155500
(32) Priority Date :08/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/066023
Filing Date :07/07/2011
(87) International Publication No :WO 2012/005380
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)YAZAKI CORPORATION
Address of Applicant :4 28 Mita 1 chome Minato ku Tokyo
1088333 Japan
(72)**Name of Inventor :**
1)KASHIYAMA Motohisa
2)OISHI Masanobu

(57) Abstract :

To provide an insert molding method for a connector which enables terminals to be inserted easily into insertion destination places for the terminals. An insert molding method for insert molding a connector 1 equipped with a plurality of terminals 10 integrated with a housing 40 and aligned in two rows includes setting the plurality of terminals 10 in a housing mold 80 to uniform warping directions D of the terminals 10 so that the warping directions D are respectively directed toward outer sides of the rows of the terminals 10.

No. of Pages : 20 No. of Claims : 2

(54) Title of the invention : ASSEMBLY AS BEARING ARRANGEMENT FOR THE ROTATIONAL MOUNTING OF MACHINE AND PLANT PARTS

(51) International classification	:F16C19/54,F16C19/38	(71)Name of Applicant :
(31) Priority Document No	:10 2010 052 117.5	1)IMO HOLDING GMBH
(32) Priority Date	:17/11/2010	Address of Applicant :Imostrae 1 91350 Gremsdorf Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2011/069179	1)FRANK Hubertus
Filing Date	:01/11/2011	
(87) International Publication No	:WO 2012/065840	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention describes an assembly (1) as bearing arrangement for the rotational mounting of machine and plant parts comprising lug ring (4) bearing ring (5) and securing ring (6) in particular of a large size anti friction bearing for the main mounting of a rotor of a wind power plant and comprising furthermore a plurality of tapered roller anti friction bearing arrangements (2) (3) which roll in a circulating manner about the main axis (8) of the rotation about the axial direction in particular at least two tapered roller rolling body arrangements (2) (3) and comprising furthermore at least one anti friction arrangement (7) which is arranged perpendicularly with respect to said tapered roller rolling body arrangements for bearing radial force components in particular a cylindrical roller arrangement (7) characterized in that the plurality of tapered roller anti friction bearing arrangements (2) (3) for bearing all axial force components are arranged parallel to one another and the planes (9) (10) of said tapered roller rolling body arrangements in which said tapered rolling body arrangements rotate about the axial main axis (8) in the case of a rotational movement of the mounted part do not intersect in practice.

No. of Pages : 28 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4515/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD AND DEVICE FOR OBTAINING A CONTINUOUS MOVEMENT OF A DISPLAY MEANS

(51) International classification :G04C3/14,G04G21/02
(31) Priority Document No :10195413.9
(32) Priority Date :16/12/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/071752
Filing Date :05/12/2011
(87) International Publication No :WO 2012/080020
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)THE SWATCH GROUP RESEARCH AND DEVELOPMENT LTD
Address of Applicant :Rue des Sors 3 CH 2074 Marin
Switzerland
(72)Name of Inventor :
1)HOOVER David

(57) Abstract :

Method for determining a variable speed and continuous movement of display means comprising a step of modelling at least one value of torque and/or of mechanical force on the basis of values measured by a sensor as well as a second step of solving a Newtonian equation of motion on the basis of these values of torque and/or of mechanical force making it possible to calculate a simulated speed of the display means.

No. of Pages : 28 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :20/06/2013

(21) Application No.4809/CHENP/2013 A

(43) Publication Date : 11/07/2014

(54) Title of the invention : MASKING STRIP

(51) International classification :B05B15/04
(31) Priority Document No :1021984.8
(32) Priority Date :24/12/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/US2011/066781
Filing Date :22/12/2011
(87) International Publication No :WO 2012/088392 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)3M INNOVATIVE PROPERTIES COMPANY
Address of Applicant :3M Center Post Office Box 33427 Saint Paul MN 55133 3427 U.S.A.
(72)**Name of Inventor :**
1)CHAN Kin Chau
2)ELIASON Kevin M.
3)BROTHERTON Gary N.
4)SINCLAIR Colin D.
5)BAKER Anna B.
6)STUBBS Roy
7)SCHWAB Jeffrey J.

(57) Abstract :

A masking strip for masking the interior surfaces of a gap between two substrates to be painted is provided the strip comprising: a backing having a first surface and a second surface the first surface having an adhesive region to fix the masking strip to an interior surface of the gap; a gap filler extending from the backing and adapted to prevent paint flow into the gap; wherein the first surface of the backing is also provided with a spacing means adapted to space the backing of the masking strip away from the interior surface of the gap to which the strip is fixed and wherein the masking strip is pre formed.

No. of Pages : 25 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.19/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :06/01/2014

(43) Publication Date : 11/07/2014

(54) Title of the invention : TOUCH EVENT PROCESSING METHOD AND PORTABLE DEVICE IMPLEMENTING THE SAME

(51) International classification	:G06F 3/00
(31) Priority Document No	:10-2013-0001894
(32) Priority Date	:08/01/2013
(33) Name of priority country	:Republic of Korea
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO., LTD.
Address of Applicant :129, Samsung-ro, Yeongtong-gu,
Suwon-si, Gyeonggi-do, 443-742, Republic of Korea
(72)**Name of Inventor :**
1)Seungmin CHUNG

(57) Abstract :

A touch event processing method and a portable device implementing the same is provided for protecting a touch event occurring on a touch screen from hacking. Touch coordinates from a touch panel are first provided to the first operating system. It is then determined whether a function corresponding to the touch coordinates is to execute a security application. If so, a touch event processing right handover message is transmitted from the first operating system to the second, to hand over a right of processing a touch event that occurs on the touch panel to the second operating system.

No. of Pages : 43 No. of Claims : 19

(54) Title of the invention : AUTOMATED SOAP DEMOULDING SYSTEM AND METHOD THEREOF

(51) International classification :B29C33/34
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)ITC LIMITED

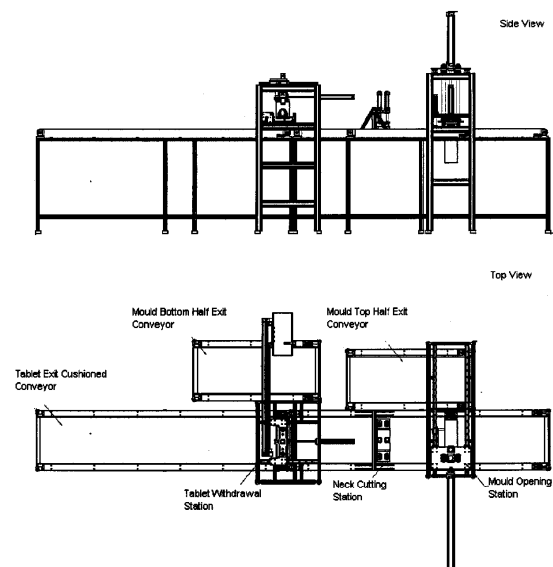
Address of Applicant :37, J.L. NEHRU ROAD, KOLKATA-700071, STATE OF WEST BENGAL, INDIA.

(72)Name of Inventor :

1)KAUSHIK, VAIBHAV**2)BALAKRISHNAN, SUBRAMANIAN****3)RAMAMURTHI, SURESH**

(57) Abstract :

The present invention relates to an automated system and a method of de-moulding of soap. The soap de-moulding system comprises a closed mould having a top portion and a bottom portion adapted to store soap tablets , a mould opening means for peeling action , a neck cutting means for chopping of neck operatively connected with said mould opening means, a withdrawal means operatively connected with said neck cutting means for simulating manual twisting action to displace castings from moulds and a conveyor means having cushioned structure operatively connected with said withdrawal means such that the tablets falls from, said mould to said conveyor and avoid damage to soft tablets. A soap de-molding method comprises peeling of soap casting which is placed on a closed mould having a top portion and a bottom portion; chopping of the runner of said soap casting located on said bottom portion with a blade and twisting of moulds to ensure removal of fresh soap bars.



No. of Pages : 27 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.35/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :10/01/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : IMPROVED PROCESSING METHOD FOR FISH SKIN LEATHER

(51) International classification	:C14B7/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

**1)PRINCIPAL, GOVERNMENT COLLEGE OF
ENGINEERING AND LEATHER TECHNOLOGY**

Address of Applicant :BLOCK-LB, SECTOR - III, SALT
LAKE CITY, KOLKATA-700098, WEST BENGAL, INDIA

(72)Name of Inventor :

1)SINHA, BUDDHADEB

2)BASU, SWAPAN, KUMAR

3)MUKHERJEE, GOUTAM

4)HALDAR, APARNA

5)TARAPHDER, ASUTOSH

6)PAL, UDAI

(57) Abstract :

An improved process for manufacturing the leather goods from fish skin is provided which is carried out without using toxic materials such as chromium or sulfide. The process of present invention is eco-friendly and cost effective which controls the cost of conventional raw.

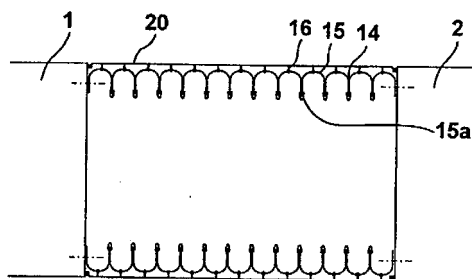
No. of Pages : 21 No. of Claims : 7

(54) Title of the invention : BELLOWS OF A GANGWAY OF AN ARTICULATED VEHICLE AND ARTICULATED VEHICLE FOR PUBLIC PASSENGER TRANSPORT WITH SUCH A BELLOWS

(51) International classification	:B60D 5/00	(71)Name of Applicant :
(31) Priority Document No	:20 2013	1)HÜBNER GMBH & CO. KG
(32) Priority Date	000 165.8	Address of Applicant :HEINRICH-HERTZ-STRASSE 2
(33) Name of priority country	:09/01/2013	34123 KASSEL, GERMANY
(86) International Application No	:Germany	(72)Name of Inventor :
Filing Date	:NA	1)JÜNKE VOLKER
(87) International Publication No	: NA	2)HÜBNER REINHARD
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The object is a bellows (14) of a gangway (10) of an articulated vehicle (3), the articulated vehicle having at least two articulately connected vehicle parts (1,2), the bellows (14) having an elastic sheath (20) on its outer side.



No. of Pages : 13 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.34/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :10/01/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : MASTER FUEL TRIP VALVE IN TIGHT SEAL APPLICATIONS WITH LARGE TEMPERATURE DIFFERENTIAL ACROSS DOWNSTREAM AND UPSTREAM COMPONENTS OF GATE IN SOLID FUEL FEEDING SYSTEMS

(51) International classification	:F01L13/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BHARAT HEAVY ELECTRICALS LIMITED

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KARUNAMOYEE,SALT LAKE CITY, KOLKATA-700091,
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FORT, NEW DELHI - 110049, INDIA.

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1)YELAVARTHI PRASANNA KUMAR

2)VENKATRAMANA RAO RAGHAVENDRAN

3)KUNJUNAYAKKAR MURUGESAN

4)MOOKAIAH PERIASAMY

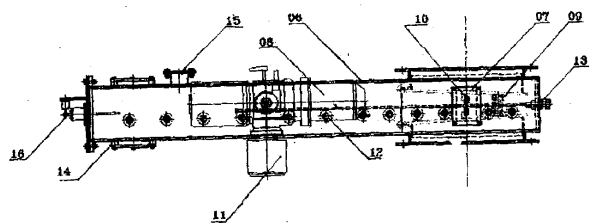
5)ALOK KUMAR

6)RAJAGOPAL CHANDRASEKARAN

7)PERUMAL RAJENDRAN

(57) Abstract :

Master fuel trip valve in tight seal applications with large temperature differential across downstream and upstream components of gate in solid fuel feeding systems, comprising : a casing accommodating at least one wedge shaped master fuel trip valve disposed below the self cleaning rotary valves, and having at the upstream and downstream ends flanges matching with that of the duct flanges, the gate casing being positioned horizontally with the master fuel trip valve device, and having one each top and bottom plate and at least four side casing plates; a gate sealing means comprising one each top and bottom gate plate, a carriage plate centrally located between the top and bottom gate plates, a plurality of spring elements distributed over five location across the width of the gate plates, and at least two bracket means disposed along the width of the gate plates; an electrical actuator means with an actuating shaft including a kinetic linkage mechanism to convert the rotary motion of the actuator shaft to a linear motion of the gate all through the open and closed position; and a plurality of flexible bracket connections disposed over the width of the gate at equidistant locations to achieve a tight seal between the connections and the gate.



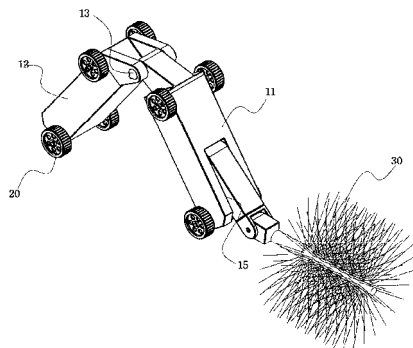
No. of Pages : 12 No. of Claims : 6

(54) Title of the invention : PIPE CLEANING ROBOT

(51) International classification	:B08B 9/00	(71)Name of Applicant :
(31) Priority Document No	:10-2013-0001026	1)GAUS CO., LTD.
(32) Priority Date	:04/01/2013	Address of Applicant :36, 19-GIL SEONGSEO-RO, DALSEO-GU, DAEGU-SI REPUBLIC OF KOREA
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor :
(86) International Application No	:NA	1)KIM, YOUNG WON
Filing Date	:NA	2)KIM, EUI YEON
(87) International Publication No	: NA	3)JANG, BYONG TAEK
(61) Patent of Addition to Application Number	:NA	4)JEONG, SUNG YUL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A pipe cleaning robot includes: first and second transfer cars (11, 12) including a plurality of wheels (20) individually driven and connected to each other by a hinge (13); a driving unit for controlling a folding angle between the first and second transfer cars (11, 12) around the hinge (13); and a cleaning member (30) disposed at one side of the first and second transfer cars (11, 12) to clean an inside of the pipe by a rotating force, wherein wheels disposed at one end of the first and second transfer cars (11, 12) adjacent to the hinge (13) are pressurized and supported by one inner surface of the pipe, and other wheels disposed at the other end of the first and second transfer cars (11, 12) are pressurized and supported by the other inner surface of the pipe while the pipe cleaning robot is traveling. The pipe cleaning robot can be folded to easily enter a narrow-mouthed pipe at the initial stage, can flexibly increase or decrease in size corresponding to various diameters of pipes, and can adhere first and second transfer cars closely to the inner wall of the pipe during the transfer to prevent a rollover due to impact and vibration generated during the cleaning process.



No. of Pages : 14 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1473/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : PERFORMING ACTIONS USING VISUAL SEARCH.

(51) International classification	:G06Q 30/00	(71)Name of Applicant : 1)RICOH COMPANY, LTD.
(31) Priority Document No	:61/750,206	Address of Applicant :3-6, NAKAMAGOME 1-CHOME,
(32) Priority Date	:08/01/2013	OHTA-KU, TOKYO 143-8555 JAPAN
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)ASHOOTOSH CHAND
Filing Date	:NA	2)TARKESHWAR SINGH
(87) International Publication No	: NA	3)ADIT GUPTA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The disclosure includes a system and method for performing actions using visual search. The system includes a controller, an image recognition module and a polling engine. The controller receives data describing an image that is associated with a poll from a first user. The image recognition module identifies the image as being an option that is selected by the first user for the poll. The polling engine associates the option selected by the first user and a first set of demographic information describing the first user with the poll. The polling engine provides the first user with polling data that describes one or more voting results for the poll. The polling data includes a second set of demographic information associated with one or more second users that provided an answer to the poll.

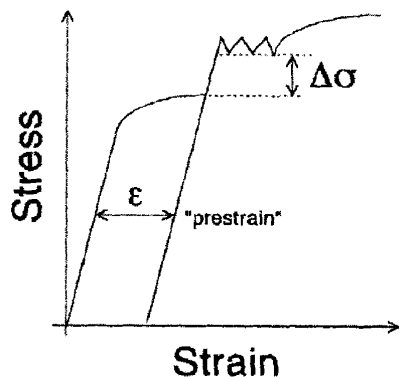
No. of Pages : 65 No. of Claims : 20

(54) Title of the invention : A HOT-ROLLED BAKE-HARDENING STEEL FOR AUTOMOTIVES

(51) International classification	:C22C38/14	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA STEEL LIMITED
(32) Priority Date	:NA	Address of Applicant :RESEARCH AND DEVELOPMENT
(33) Name of priority country	:NA	AND SCIENTIFIC SERVICES DIVISION JAMSHEDPUR
(86) International Application No	:NA	831001, Jharkhand India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SOURABH CHATTERJEE
(61) Patent of Addition to Application Number	:NA	2)SUBRATA MUKHERJEE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A composition of hot-rolled bake hardening steel with $YS \geq 400$ MPa, $UTS \geq 500$ MPa, $\% E1 \geq 30$, $BHI \geq 30$ MPa for automobiles comprises: $C \leq 0.01$ Wt. % $Mn \leq 2.5$ Wt. % $S \leq 0.012$ Wt. % $P \leq 0.12$ Wt. % $Si \leq 0.1$ Wt. % $Al \leq 0.1$ Wt. % $N \leq 0.009$ Wt. % $Ti \leq 0.1$ Wt. % $Nb \leq 0.1$ Wt. % B 10-40 ppm.



No. of Pages : 15 No. of Claims : 7

(54) Title of the invention : A SYSTEM FOR DETECTION AND COMMUNICATION OF FAULTS IN THE FUEL SYSTEM OF BI-FUEL COMPLIANT VEHICLES

(51) International classification	:F02D41/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MARUTI SUZUKI INDIA LIMITED

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CHAMBERS, 4TH FLOOR, 16 CAMAC STREET, KOLKATA-
700017, WITH THE HEAD OFFICE AT PLOT NO. - 1,
NELSON MANDELA ROAD, VASANT KUNJ, NEW DELHI -
110070 India

(72)Name of Inventor :

1)MR. CHINAM NETAJI PATRO

2)MR. NISHIT.JAIN

3)MR. HARISH CHANDRA

4)MS. VARSHA CHAUDHARY

5)MR. THINLESS NAMGAIL

6)MR. RANJANA DOBAL

7)MR. TAPAN SAHOO

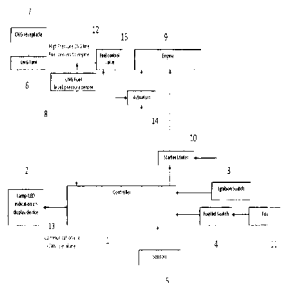
8)MR. YASUKI NAKADA

9)MR. NORITHIRO NODA

10)MR. TOSHIHISA HARAKT

(57) Abstract :

The invention relates to a system for detection and communication of faults in fuel injection device of alternative fuel compliant vehicles, comprising an engine rotatable by a starter motor and to generate an initial running speed of the engine; an engine rotatable by a starter motor and to generate an initial running speed of the engine; an ignition switch on activation allowing the starter motor to engage the engine; a plurality of actuators providing fuel to the engine via dedicated fuel lines from a fuel tank; an electronic control unit (ECU) based on input values and pre-stored values calculates and transmits signal in respect of spark-timing, fuel quantity, and fuel injection timing which provides the engine required speed so as to run without further input from the starter motor; a communication line for transmitting signals from the ECU to a display device, wherein the ECU is configured to conduct cyclic monitoring of peripheral devices, detect open circuit fault, short-circuit fault based on acquired and pre-stored data and communicate to the vehicle operator the existence or otherwise of a fault including type of the fault through displaying different indication pattern in the display device.



No. of Pages : 5 No. of Claims : 0

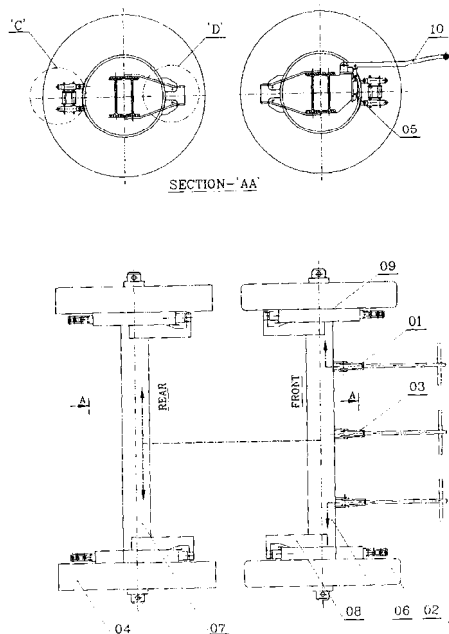
(54) Title of the invention : A HYDRAULIC BRAKING SYSTEM FOR EFFICIENT BRAKING OF TEMPLE CARS

(51) International classification :B61D39/00
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)BHARAT HEAVY ELECTRICALS LIMITED
 Address of Applicant :REGION CAL OPERATIONS
 DIVISION (ROD) PLOT NO:9/1, DJ BLOCK 3RD FLOOR
 KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
 HAVING ITS REGISTERED OFFICE AT BHEL HOUSE SIRI
 FORT, NEW DELHI - 110049, INDIA.
 (72)Name of Inventor :
1)KANNAN RAMANAN
2)VETTAYAPPA RAKKIYAPPA DURAI SWAMY
3)ISRAEL KAMALAKKANNAN

(57) Abstract :

The invention relates to a hydraulic braking system for efficient braking of temple cars, the temple car having at least one each front wheel assembly having two wheels, and a rear wheel assembly each enjoined by one each axle, the hydraulic braking system comprising: at least two braking units one each for each of the two front wheels; a combined braking unit for the rear wheel assembly; a first axle connecting the two front wheels of the front wheel assembly; a second axle operably enjoining the rear wheel assembly, wherein at least one of the at least two braking units connected to the front wheel assembly is activated for turning of the temple car to a desired direction, and wherein all the three braking units are actuated to gradually and smoothly stop the temple car.



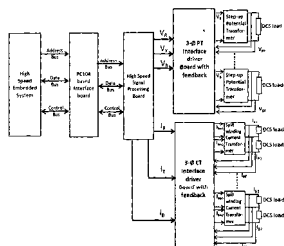
No. of Pages : 11 No. of Claims : 9

(54) Title of the invention : A DIGITAL THREE-PHASE SECONDARY INJECTION SIMULATION SYSTEM FOR ACCURATE TESTING AND CALIBRATION OF POWER ELECTRONICS CONTROL PANELS

<p>(51) International classification :H03C3/10</p> <p>(31) Priority Document No :NA</p> <p>(32) Priority Date :NA</p> <p>(33) Name of priority country :NA</p> <p>(86) International Application No :NA</p> <p>Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA</p> <p>Filing Date :NA</p> <p>(62) Divisional to Application Number :NA</p> <p>Filing Date :NA</p>	<p>(71)Name of Applicant :</p> <p>1)BHARAT HEAVY ELECTRICALS LIMITED</p> <p>Address of Applicant :REGIONAL OPERATIONS DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR, KARUNAMOYEE,SALT LAKE CITY, KOLKATA-700091, HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI - 110049, INDIA.</p> <p>(72)Name of Inventor :</p> <p>1)YELAMANCHILI NAGALINGA RAVI NAGA</p> <p>SATYAKUMAR</p> <p>2)S BISWAS</p> <p>3)ARUN PODDAR</p> <p>4)SRIRAM NAGESWAR RAO</p> <p>5)UTKARSH SINGH VATS</p> <p>6)PABBATI YADAGIRI</p>
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(57) Abstract :

The invention relates to a digital three-phase secondary injection simulation system for accurate testing and calibration of power electronics control panels comprising a high-speed embedded device with a central processing unit enabled to generate three-phase sinusoidal voltages and currents with desired power factor both in synchronous and normal modes, the sinusoidal voltages, currents and power factors so generated can be fed to the power electronics panels for testing and calibration; a signal processing device communicating with the embedded device via a bus interface and having means for buffering address, data, and controls; address decoders; bi-polar digital to analog converters; integrated circuits for energy metering; a timer; parallel ports; a.c. voltage follower circuit; a driver with associated user program, and a multiple opto-isolators to integrate the embedded device and the signal processing device, the timer generating square wave of desired time period and transferring to the embedded device to produce 3-phase sinusoidal voltage and current; a 3-phase potential transformer interface driver device with feedback means acting as an interface between the signal processing device and the potential transformer, and comprising a plurality of power amplifiers to boost the voltage level; a voltage comparator; a voltage controller; a current protection circuit to suppress sudden spike in current received from the power amplifiers; and an automatic phase/voltage correction circuit device for phase or voltage compensation, the output of the device being a pure sinusoidal voltage of desired amplitude is directly fed to the panels under test; a three-phase current transformer driver device with feedback means acting as an interface between the signal processing device and the current transformer, and comprising power amplifiers including high current power amplifiers respectively to block DC-signal boost the voltage level and current level to desired values; an auto-phase current correction circuit; a voltage controller; an inrush current protection circuit; an auto phase voltage and current correction circuit; and a display device operably connected to the embedded device to exhibit the measurement values relating to testing and calibration of the power electronics panels.



No. of Pages : 33 No. of Claims : 6

(54) Title of the invention : A FEED FOR SILKWORM

(51) International classification

:G06Q
10/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

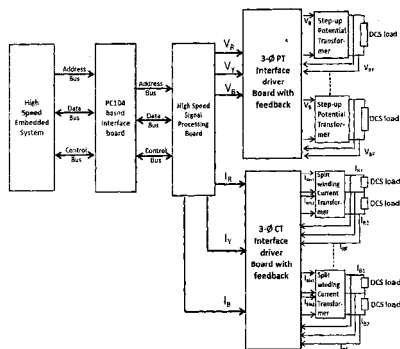
**1)CENTRAL TASAR RESEARCH AND TRAINING
INSTITUTE,CENTRAL SILK BOARD (MINISTRY OF
TEXTILES,GOVT.OF INDIA)**Address of Applicant :P.O.-PISKA NAGRI,RANCHI-835303
JHARKHAND,INDIA

(72)Name of Inventor :

1)KUMAR DINESH**2)SHARAN SHASHI KANT****3)MISHRA PRADEEP KUMAR****4)PANDEY JAY PRAKASH****5)SINHA AJIT KUMAR****6)PRASAD BHAGWAN CHANDRA**

(57) Abstract :

The present disclosure relates to a feed composition for silkworm. Further, the present disclosure also provides a method for the preparation of the feed. The method provided in the present disclosure is easy, economical and user friendly and can be carried out on a commercial scale by farmers.



No. of Pages : 24 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.41/KOL/2014 A

(19) INDIA

(22) Date of filing of Application :10/01/2014

(43) Publication Date : 11/07/2014

(54) Title of the invention : METHOD OF DISPLAYING ICONS ACCORDING TO SERVICE USAGE STATES AND MOBILE TERMINAL SUPPORTING THE SAME

(51) International classification :G06F 3/00
(31) Priority Document No :10-2013-0002895
(32) Priority Date :10/01/2013
(33) Name of priority country :Republic of Korea
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SAMSUNG ELECTRONICS CO., LTD.

Address of Applicant :129, Samsung-ro, Yeongtong-gu,
Suwon-si, Gyeonggi-do, 443-742, Republic of Korea

(72)Name of Inventor :

1)Jinyoung PARK

2)Yongho YOU

(57) Abstract :

A method and apparatus for displaying icons according to data communication service usage states are provided. The method includes collecting information on the remaining service amount for at least one service having a service usage limit; and displaying a color adjusted icon based on the remaining service amount.

No. of Pages : 41 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.275/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :12/03/2013

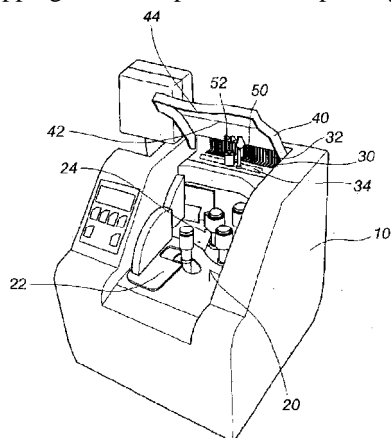
(43) Publication Date : 11/07/2014

(54) Title of the invention : DUST-GUIDING BANK-NOTE COUNTING MACHINE

(51) International classification	:G06K9/74	(71)Name of Applicant :
(31) Priority Document No	:102200330	1)TRUE TRUST INTERNATIONAL CO., LTD.
(32) Priority Date	:08/01/2013	Address of Applicant :5F, NO.145 MIN CHUAN RD., HSIN
(33) Name of priority country	:Taiwan	TIEN CITY, TAIPEI HSIEN, R.O.C. Taiwan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KUO TZU-YI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A dust-guiding bank-note counting machine, comprising: a machine body; a bank-note counting device, disposed on said machine body, and at least an air blowing hole, provided below a gripping element, to generate an air current blowing through the bank-notes; a wind exit window, disposed in rear of said machine body; and a dust-guiding lift cover, disposed above said wind exit window and is connected thereto, and a wind guiding portion corresponding to said air blowing hole is provided on the dust-guiding lift cover, to guide said air current to exit from said wind exit window. Therefore, the dusts and germs blown out by said blowing air current can be filtered out, to avoid users taking in dust and germs to be harmful to their health. In addition, said dust-guiding lift cover and said gripping element operate in complete synchronism, to achieve efficient operations.



No. of Pages : 17 No. of Claims : 9

(54) Title of the invention : A SYSTEM AND A METHOD TO DETECT FAULT IN A BI-FUEL SYSTEM OF A VEHICLE BASED ON CLOSE/OPEN STATUS OF THE FUEL LID AND COMMUNICATE THE USER

(51) International classification :F02D41/00
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :REGIONAL OFFICE, L&T CHAMBERS, 4TH FLOOR, 16 CAMAC STREET, KOLKATA-700017, WITH THE HEAD OFFICE AT PLOT NO. - 1, NELSON MANDELA ROAD, VASANT KUNJ, NEW DELHI - 110070 India

(72)Name of Inventor :

1)MR. HARISH CHANDRA

2)MS. VARSHA CHAUDHARY

3)MR. NISHIT JAIN

4)MR. CHINAM NETAJI PATRO

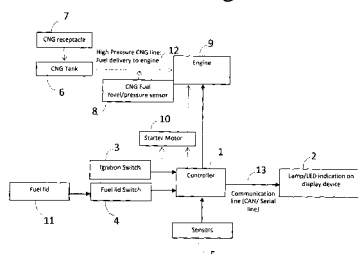
5)MR. TAPAN SAHOO

6)MR. YASUKI NAKADA

7)MR. NORITHIRO NODA

(57) Abstract :

The invention relates to a method in a diagnostic system for detecting and displaying the cause of engine-restart failure in a alternative fuels compliant vehicle during an intermediate stoppage mode of the vehicle, the system comprising a vehicle engine activable by operating an ignition switch, a starting motor providing initial rotation to the engine, a plurality of engine sensors to acquire vehicle operation data, at least one fuel tank with a fuel lid, a fuel level/pressure sensor, a fuel-lid switch an electronic control unit (ECU), and a signal transmission line connecting a display means and the ECU, the display means being enabled to display different visual patterns to indicate plurality of operational status, the method comprising the steps of detecting fuel-filling status based on data to be transmitted to the ECU from the fuel lid switch, or by comparing the CNG pressure acquired through the CNG pressure sensor; eliminating the data if exhibiting close status of the fuel lids; initializing the system if status of ignition switch indicates ON position; monitoring through the ECU the operating values acquired from said plurality of engine sensors including the operational status of the peripheral devices; monitoring engine running status which when detected to be less than 250 rpm and fuel filling status showing refuelling mode, transmitting a first pattern signal to the display device representing open-status of the fuel-lid and disabled status of the ignition switch; and in addition, monitoring vehicle running status which when detected to be less than 10kmph and fuel filling status showing refuelling mode, transmitting a first pattern signal to the display device representing open-status of the fuel-lid and disabled status of the ignition switch transmitting representing open-status of the fuel-lid, disablement of the ignition switch, and non-detection of refuelling status.



No. of Pages : 5 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.36/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :10/01/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : AN ANTI-HAIR LOSS/HAIR CROWTH FORMULATION

(51) International classification

:A61K8/44

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)ITC LIMITED

Address of Applicant :37, J.L. NEHRU ROAD, KOLKATA-700071, STATE OF WEST BENGAL, INDIA. West Bengal India

(72)Name of Inventor :

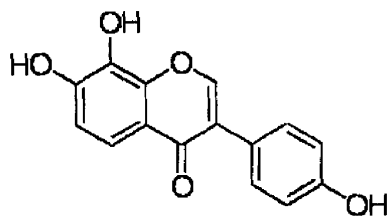
1)HEGDE, ASHOK

2)NARANG, POOJA

3)KALSI, GURPREET

(57) Abstract :

An anti-hair loss/hair growth formulation comprising 7,8,4- Tri-Hydroxy Isoflavone as an active ingredient along with other cosmetically acceptable ingredients; wherein said active present in the range of 0.001 to 5% by wt.



7,8, 4'-trihydroxy isoflavone
C₁₅H₁₀O₅ = 270.24

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1457/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :26/12/2013

(43) Publication Date : 11/07/2014

(54) Title of the invention : LOCAL SCALE, ROTATION AND POSITION INVARIANT WORD DETECTION FOR OPTICAL CHARACTER RECOGNITION

(51) International classification	:G06K 9/00	(71)Name of Applicant :
(31) Priority Document No	:13/734,760	1)RICOH COMPANY, LTD.
(32) Priority Date	:04/01/2013	Address of Applicant :3-6, NAKAMAGOME 1-CHOME,
(33) Name of priority country	:U.S.A.	OHTA-KU, TOKYO 143-8555, JAPAN
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SRI-KAUSHIK PAVANI
(87) International Publication No	: NA	2)EKTA PRASHNANI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method using a text extraction application for identifying words with multiple orientations from an image are described. The text extraction application receives an input image, generates progressively blurred images, detects blobs in the blurred images, outputs ellipses over the blobs, detects a word in the input image, orients and normalizes a first version of the word, generates an inverted version of the word, performs OCR on the first version and the inverted version of the word, generates confidence scores for the first version and the inverted version of the word and outputs text associated with the word.

No. of Pages : 58 No. of Claims : 14

**PUBLICATION U/S.60 IN RESPECT OF APPLICATION FOR
RESTORATION OF PATENTS**

Notice is hereby given that application for restoration of under mentioned Patents have been allowed and said Patents are restored.

Sl.No.	Appln. No.	Patent No.	Applicants	Title	Date of Publication U/R.84(3)	Appropriate Office
1.	1009/KOLNP/2004	237552	SAFEGATE INTERNATIONAL AB	CENTRELINE IDENTIFICATION IN A DOCKING GUIDANCE SYSTEM	03.08.2012	Kolkata
2.	956/CAL/1999	206884	JOHNSON & JOHNSON VISION PRODUCTS, INC.	DIFFERENTIAL THICKNESS CONTACT LENS WITH COMPENSATION FOR DIFFERENTIAL SHRINKAGE AND METHOD OF MANUFACTURING SAME	16.10.2009	Kolkata

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	261646	3257/DELNP/2006	27/09/2004	17/12/2003	AIR PRESSURE PROPORTIONAL DAMPER	TENNECO AUTOMOTIVE OPERATING COMPANY INC.	20/04/2007	DELHI
2	261647	8311/DELNP/2007	21/04/2006	21/05/2005	CLUTCH RELEASE BEARING	SCHAEFFLER KG,	04/07/2008	DELHI
3	261649	9846/DELNP/2007	16/06/2006	24/06/2005	PROCESS AND APPARATUS FOR TREATING EXHAUSTED ABRASIVE SLURRIES FOR THE RECOVERY OF THEIR REUSABLE COMPONENTS	SIC PROCESSING AG	20/06/2008	DELHI
4	261651	8929/DELNP/2007	18/04/2006	19/05/2005	AN INTEGRATED FLUID CATALYTIC CRACKING PROCESS	UOP LLC	21/12/2007	DELHI
5	261652	7494/DELNP/2006	25/06/2004	25/06/2004	A POLYMERIZATION PROCESS FOR THE CATIONIC POLYMERIZATION OF ISOBUTYLENE-BASED POLYMER	EXXONMOBIL CHEMICAL PATENTS INC	17/08/2007	DELHI
6	261654	1793/DEL/2009	31/08/2009	10/09/2008	POLYMERIC FILM AND STRUCTURE COMPRISING SAID FILM	ROHM AND HAAS COMPANY.	10/09/2010	DELHI
7	261656	7776/DELNP/2007	27/03/2006	06/04/2005	PYRIDINE-3-CARBOXAMIDE DERIVATIVES AS CB1 INVERSE DERIVATIVES	F.HOFFMANN-LA ROCHE AG	09/11/2007	DELHI
8	261657	7569/DELNP/2007	27/02/2006	09/03/2005	A PROCESS FOR THE PREPARATION OF AN ETHYLENE COPOLYMER IN A TUBULAR REACTOR	SAUDI BASIC INDUSTRIES CORPORATION	09/11/2007	DELHI
9	261659	7433/DELNP/2007	03/04/2006	18/04/2005	PROCESS FOR THE PRODUCTION OF UREA-COMPRISING PARTICLES	STAMICARBON B.V.	09/11/2007	DELHI
10	261663	1765/DELNP/2008	31/07/2006	01/08/2005	POLYAMMONIUM POLYSILOXANE COPOLYMERS CONTAINING REPEATING UNITS OF FORMULA (1)	MOMENTIVE PERFORMANCE MATERIALS GMBH	27/06/2008	DELHI

11	261665	4593/DELNP/2006	07/01/2005	12/02/2004	CONTAINER HAVING BARRIER PROPERTIES AND METHOD OF MANUFACTURING THE SAME	VALSPAR SOURCING INC.	24/08/2007	DELHI
12	261667	908/DELNP/2008	09/08/2006	09/08/2005	A METHOD FOR DETERMINING THE PRESENCE OF RESIDUE WITHIN FINGERPRINT	UNIVERSITY OF SUNDERLAND	27/06/2008	DELHI
13	261668	7818/DELNP/2006	17/06/2005	18/06/2004	POLYPROPYLENE COMPOSITION	BOREALIS TECHNOLOGY OY,	17/08/2007	DELHI
14	261670	1192/DEL/2004	25/06/2004	23/07/2003	PRECISION-FORGING PARTS MANUFACTURING PROCESS	SNECMA.,	23/06/2006	DELHI
15	261683	222/DELNP/2006	13/07/2004	15/07/2003	FLUID DISPENSER HEAD FOR ASSOCIATING WITH A FLUID RESERVOIR	SEAQUIST GENERAL PLASTICS	17/08/2007	DELHI
16	261685	591/DEL/2008	10/03/2008		A NOVEL PROCESS OF DETECTION OF CATTLE TISSUE USING CATTLE SPECIFIC NOVEL PRIMER PAIR	CCS HARYANA AGRICULTURAL UNIVERSITY	18/09/2009	DELHI
17	261687	7313/DELNP/2006	04/05/2005	21/06/2004	A METHOD OF PRODUCING A POLYOLEFIN	UNIVATION TECHNOLOGIES, LLC.	27/04/2007	DELHI
18	261688	7884/DELNP/2007	29/03/2006	31/03/2005	MICROPOROUS POLYOLEFIN MEMBRANE AND METHOD FOR PRODUCING THE SAME	TORAY BATTERY SEPARATOR FILM GODO KAISHA	09/11/2007	DELHI
19	261689	5063/DELNP/2006	23/03/2005	25/03/2004	UV ABSORBING CHROMOPHORES COVALENTLY BONDED TO HYPERBRANCHED POLYLMERS	DSM IP ASSETS B.V.	13/07/2007	DELHI
20	261690	9068/DELNP/2007	24/05/2006	26/05/2005	PROCESS FOR PREPARING 4-[(1,6-DIHYDRO-6-OXO-2-PYRIMIDINYL)] BENZONITRILE	TIBOTEC PHARMACEUTICALS LTD.	04/01/2008	DELHI
21	261691	952/DEL/2007	03/05/2007 14:39:01		A PROCESS FOR THE AROMATIZATION OF LIGHT NAPHTHA USING IMPROVED REFORMING CATALYST	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH,CENTER FOR HIGH TECHNOLOGY	03/04/2009	DELHI
22	261697	8460/DELNP/2008	10/04/2007	21/04/2006	PYRIDINE [3,4,B] PYRAZINONES COMPOUND ,OR PHARMACEUTICALLY ACCEPTABLE SALT OF THE COMPOUND	PFIZER PRODUCTS INC.	08/05/2009	DELHI

23	261698	2773/DELNP/2007	27/09/2005	27/09/2004	PREPERATION COMPRISING METABOLICALLY ACTIVE MICRO ORGANISMS AND METHODS FOR THEIR PRODUCTION	MULTIGERM UK ENTERPRISES LTD	17/08/2007	DELHI
24	261704	10792/DELNP/2008	31/05/2007	31/05/2006	PROCESS FOR PREPARING AN OLEFIN POLYMERIZATION CATALYST COMPONENT	BOREALIS TECHNOLOGY OY	22/05/2009	DELHI
25	261705	6947/DELNP/2006	21/04/2005	22/04/2004	A PHARMACEUTICAL IN UNIT DOSAGE FORM FOR APPLICATION TO THE ORAL MUCOSA	ACUCORT AB	31/08/2007	DELHI
26	261707	3914/DELNP/2009	21/12/2007	02/01/2007	HYDROGENATION SYSTEM AND METHOD OF HYDROGENATING FAT OR OIL	H R D CORPORATION	16/04/2010	DELHI
27	261710	1172/DELNP/2008	21/08/2006	19/08/2005	CARBONATED MILK OR MILK- BASED BEVERAGE AND A PROCESS FOR THE PREPARATION THEREOF	SPLINTIZ INVESTMENTS LIMITED	04/07/2008	DELHI
28	261711	3184/DELNP/2007	27/10/2005	29/10/2004	ANTISENSE OLIGONUCLEOTIDES FOR TREATING ALLERGY AND NEOPLASTIC CELL PROLIFERATION	TOPIGEN PHARMACEUTICALS INC.	31/08/2007	DELHI
29	261715	5876/DELNP/2006	08/04/2005	28/04/2004	ATOMIC BEAM TO PROTECT A RETICLE	INTEL CORPORATION	15/06/2007	DELHI
30	261721	4026/DELNP/2008	06/11/2006	02/12/2005	PRODUCTION OF AROMATIC HYDROCARBONS FROM METHANE	EXXONMOBIL CHEMICAL PATENTS, INC.	01/08/2008	DELHI
31	261722	9243/DELNP/2007	02/06/2006	03/06/2005	SYSTEM AND METHOD FOR ABSOLUTE QUANTITATION OF PROTEINS USING LC/MS	WATERS TECHNOLOGIES CORPORATION	18/01/2008	DELHI
32	261727	1131/DELNP/2007	02/02/2005	19/07/2004	A METHOD OF CONVERTING ALKANES TO CORRESPONDING ALCOHOLS,ETHERS, OLEFINS,HYDROCARBO NS & COMBINATIONS THEREOF	GRT INC	27/04/2007	DELHI
33	261729	510/DELNP/2008	02/08/2006	05/08/2005	A PROCESS FOR MODIFYING A BUTYL ELASTOMER	LANXESS INC.,	08/08/2008	DELHI
34	261730	9267/DELNP/2007	18/04/2006	30/08/2005	A Process for Making Foodstuff Products	SOREMARTEC S.A.,	18/01/2008	DELHI

35	261732	8970/DELNP/2007	22/05/2006	23/05/2005	METHOD AND DEVICE FOR AVOIDING UNDESIRE D INFLUENCES OF DOUBLE SENSORS	FRAUSCHER HOLDING GESELLSCHAFT M.B.H	27/06/2008	DELHI
36	261735	5739/DELNP/2005	10/06/2004	19/06/2003	NONWOVEN PAPERMAKER'S FABRIC	ALBANY INTERNATIONAL CORP.	30/11/2007	DELHI
37	261736	2677/DELNP/2009	25/10/2007	26/10/2006	A PROCESS FOR PRODUCING EXPANDABLE POLYSTYRENIC RESIN PARTICLES	SEKISUI PLASTICS CO.,LTD	19/06/2009	DELHI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	261643	1009/MUMNP/2009	26/11/2007	24/11/2006	ANTIRETROVIRAL DRUG RESISTANCE TESTING	CILLIERS, Reginald Anthony, LOUBSER, Alistair Shayne	12/06/2009	MUMBAI
2	261644	2421/MUMNP/2008	27/02/2007	12/06/2006	COMPOSITION OF ALPHA-TOXIN FOR TREATING AND PREVENTING STAPHYLOCOCCUS INFECTIONS	GLAXOSMITHKLINE BIOLOGICAL SA	06/03/2009	MUMBAI
3	261653	813/MUMNP/2007	10/12/2004	10/12/2004	QUICK-CHANGE AND PLUG EJECT ARBOR FOR A HOLE SAW	A V CUSTOM STYLE B V	03/08/2007	MUMBAI
4	261661	1468/MUMNP/2006	19/05/2005	15/07/2004	APPARATUS AND PROCESS FOR COOLING AND DE-STEAMING CALCINED STUCCO	UNITED STATES GYPSUM COMPANY	08/06/2007	MUMBAI
5	261662	2386/MUMNP/2010	27/04/2009	30/04/2008	WATER - REACTIVE AL COMPOSITE MATERIAL	ULVAC, INC.	14/10/2011	MUMBAI
6	261666	1571/MUM/2009	02/07/2009		LEAD-FLUOROPOLYMER DOUBLE LAYER COMPOSITE LINER FOR TRANSPORTATION	AGROCEL INDUSTRIES LIMITED.	18/09/2009	MUMBAI
7	261714	98/MUMNP/2008	19/07/2006	19/07/2005	INTERFACE MODULE WITH POWER OVER ETHERNET FUNCTION	ROSEMOUNT INC.	15/02/2008	MUMBAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	261642	7205/CHENP/2008	31/05/2007	31/05/2006	A METHOD FOR PROCESSING A MICROWAVE-SENSITIVE THERMOPLASTIC MATERIAL	DOW GLOBAL TECHNOLOGIES,LLC	27/03/2009	CHENNAI
2	261645	1405/CHENP/2009	14/09/2007	15/09/2006	METHODS AND APPARATUS RELATED TO A MULTI-MODE WIRELESS COMMUNICATIONS DEVICE SUPPORTING BOTH WIDE AREA NETWORK SIGNALING AND PEER TO PEER SIGNALING	QUALCOMM INCORPORATED	26/06/2009	CHENNAI
3	261655	3797/CHENP/2007	14/03/2006	14/03/2005	INK SYSTEM CONTAINING POLYMER BINDERS	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	21/12/2007	CHENNAI
4	261671	121/CHE/2005	11/02/2005	13/02/2005	A METHOD FOR LINK ERROR PREDICTION IN A COMMUNICATION SYSTEM	LUCENT TECHNOLOGIES INC	16/03/2007	CHENNAI
5	261673	1583/CHE/2005	31/10/2005	01/11/2004	NETWORK ARCHITECTURE FOR SOFTRouter PROTOCOL DISAGGREGATION	LUCENT TECHNOLOGIES INC	14/09/2007	CHENNAI
6	261676	6699/CHENP/2008	04/06/2007	05/06/2006	HIGH STRENGTH COMPOSITE STEEL SHEET HAVING EXCELLENT FORMABILITY, SPOT-WELDABILITY AND ANTI-DELAYED FRACTION PROPERTY	KABUSHIKI KAISHA KOBE SEIKO SHO,	27/03/2009	CHENNAI
7	261679	220/CHENP/2007	07/07/2005	20/07/2004	ROOF BOX, WITH AT LEAST ONE FIXING DEVICE FOR FASTENING TO CROSSBARS FASTENED TO A VEHICLE ROOF	THULE SWEDEN AB	24/08/2007	CHENNAI
8	261680	1710/CHE/2005	23/11/2005	24/11/2004	LENS OF VARIABLE FOCAL LENGHT	PARROT	05/10/2007	CHENNAI

9	261684	2270/CHE/2008	17/09/2008	19/09/2007	CONTROL METHOD OF INFORMATION PROCESSING APPARATUS	CANON KABUSHIKI KAISHA	21/08/2009	CHENNAI
10	261692	1519/CHENP/2007	16/11/2005	16/11/2004	METHOD FOR USING CONTROL DATA IN A WOBBLE	HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.	31/08/2007	CHENNAI
11	261693	2643/CHENP/2007	20/12/2005	20/12/2004	A BALLISTIC PROTECTION ELEMENT	SAAB BARRACUDA AB	07/09/2007	CHENNAI
12	261694	2276/CHENP/2008	03/10/2006	07/10/2005	AN INTERCONNECT STRUCTURE AND A METHOD OF FORMING THE SAME	INTERNATIONAL BUSINESS MACHINES CORPORATION	06/03/2009	CHENNAI
13	261695	1503/CHE/2004	31/12/2004	13/01/2004	A COUPLING DEVICE FOR COUPLING AN OPTICAL FIBER AND A PLANAR OPTICAL WAVEGUIDE	LUCENT TECHNOLOGIES INC.	08/04/2005	CHENNAI
14	261696	6702/CHENP/2008	25/05/2007	07/06/2006	A METHOD OF MANAGING A MEMORY INCLUDING ELEMENTS PROVIDED WITH IDENTITY INFORMATION INDICATIVE OF THE ANCESTRY OF SAID ELEMENTS	MORPHO	27/03/2009	CHENNAI
15	261703	3057/CHENP/2007	24/02/2006	24/02/2005	METHOD AND SYSTEM FOR COOLING A NATURAL GAS STREAM AND SEPARATING THE COOLED STREAM INTO VARIOUS FRACTIONS	TWISTER B.V.	07/09/2007	CHENNAI
16	261706	1628/CHENP/2004	26/11/2003	27/11/2002	A METHOD AND AN APPARATUS FOR GENERATING CYCLIC PULSES	NOKIA CORPORATION	24/02/2006	CHENNAI
17	261708	5143/CHENP/2008	20/04/2007	20/04/2006	METHOD OF PROCESSING RADIO SIGNALS ON A WIRELESS DEVICE	QUALCOMM INCORPORATED	20/03/2009	CHENNAI
18	261709	4074/CHENP/2006	28/04/2005	04/05/2004	NATURAL GAS LIQUEFACTION	ORTLOFF ENGINEERS, LTD.	15/06/2007	CHENNAI
19	261719	5287/CHENP/2008	17/04/2007	17/04/2006	AN APPARATUS AND METHOD FOR ESTIMATING NOISE AT A RECEIVER IN A WIRELESS COMMUNICATION SYSTEM	QUALCOMM INCORPORATED	20/03/2009	CHENNAI
20	261720	2047/CHENP/2007	15/10/2004	14/10/2004	A METHOD OF OPERATING A BASE STATION TRANSMITTER AND A BASE STATION	QUALCOMM INCORPORATED	07/09/2007	CHENNAI

21	261723	4751/CHENP/2008	08/02/2007	09/02/2006	A METHOD OF PREDICTING A HYDROCARBON PRODUCTION OF A WELL LOCATION AND SYSTEM THEREOF	PRAD RESEARCH AND DEVELOPMENT LIMITED	13/03/2009	CHENNAI
22	261724	1062/CHENP/2007	29/07/2005	13/09/2004	METHOD AND SYSTEM FOR LASER MICROMATCHING A SUBSTRATE	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	17/08/2007	CHENNAI
23	261725	3165/CHENP/2008	03/02/2006	29/12/2005	A METHOD FOR MANAGING TRAFFIC WITHIN A PEER-TO-PEER NETWORK AND A NODE IN A PEER-TO-PEER NETWORK	PANASONIC CORPORATION	06/03/2009	CHENNAI
24	261726	2589/CHENP/2007	09/12/2005	16/12/2004	A METHOD FOR PRODUCING A HIGH VOLTAGE POWER SEMICONDUCTOR	ABB TECHNOLOGY AG	07/09/2007	CHENNAI
25	261731	1598/CHE/2008	01/07/2008 16:09:14	03/07/2007	AIR-COOLED ENGINE	HONDA MOTOR CO., LTD.	26/03/2010	CHENNAI
26	261733	4251/CHENP/2007	27/02/2006	25/02/2005	PROCESS FOR CASTING A TITANIUM ALLOY	WALDEMAR LINK GMBH & CO KG	21/12/2007	CHENNAI
27	261734	5616/CHENP/2007	06/06/2006	07/06/2005	A FLUIDIZED BED REACTOR FOR TREATING HYDROCARBON CONTAINING FLUID STREAMS	CHINA PETROLEUM & CHEMICAL CORPORATION	28/03/2008	CHENNAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	261640	2265/KOLNP/2008	12/12/2006	12/12/2005	BASE OIL	NESTE OIL OYJ	16/01/2009	KOLKATA
2	261641	1690/KOLNP/2006	29/11/2002	16/02/2000	NOVEL PYRAZINE DERIVATIVES OR SALTS THEREOF, PHARMACEUTICAL COMPOSITION CONTAINING THE SAME, AND PRODUCTION INTERMEDIATES THEREOF	TOYAMA CHEMICAL CO. LTD.	18/05/2007	KOLKATA
3	261648	832/KOLNP/2008	31/07/2006	18/08/2005	SPEED MEASUREMENT SYSTEM FOR SPEED CONTROL OF HIGH-SPEED MOTORS	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	21/11/2008	KOLKATA
4	261650	3353/KOLNP/2006	04/05/2005	10/05/2006	TRANSPARENT SHEET TEXTURED WITH INCLINED PYRAMIDAL FEATURES	SAINT-GOBAIN GLASS FRANCE	28/09/2007	KOLKATA
5	261658	1138/KOLNP/2008	18/08/2006	19/08/2005	MULTI-DRUG LIGAND CONJUGATES	ENDOCYTE, INC.	26/12/2008	KOLKATA
6	261660	3381/KOLNP/2007	27/01/2006	28/03/2005	A METHOD FOR PRODUCING A PESTICIDAL COMPOSITION	SUMITOMO CHEMICAL COMPANY LIMITED	18/01/2008	KOLKATA
7	261664	607/KOL/2008	26/03/2008	10/05/2007	A FLUID COUPLING ASSEMBLY HAVING A BANJO JOINT GASKET WITH BOLT RETENTION FEATURE AND METHOD OF PREPARING THE ASSEMBLY	GM GLOBAL TECHNOLOGY OPERATIONS, INC	08/05/2009	KOLKATA
8	261669	202/KOL/2008	04/02/2008	07/02/2007	METHOD OF AND APPARATUS FOR CONTINUOUS STRETCH LEVELING METAL STRIP	BWG BERGWERK-UND WALZWERK-UND WALZWERK-MASCHINENBAU GMBH	22/08/2008	KOLKATA
9	261672	458/KOL/2008	06/03/2008	06/03/2007	A METHOD AND A SYSTEM OF REGULATING TORQUE OUTPUT OF AN INTERNAL COMBUSTION ENGINE AND AN ELECTRIC MACHINE IN A HYBRID POWERTRAIN SYSTEM	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA

10	261674	3475/KOLNP/ 2006	13/06/2005	15/06/2004	AXLE TORQUE BASED POWERTRAIN BRAKING WITH RANGE SELECTION FOR COORDINATED TORQUE CONTROL (CTC)	GM GLOBAL TECHNOLOGY OPERATIONS INC	15/06/2007	KOLKATA
11	261675	521/KOL/2008	13/03/2008	29/03/2007	EIGHT SPEED AUTOMATIC TRANSMISSION HAVING FOUR PLANETARY GEAR SETS AND A PLURALITY OF TORQUE TRANSMISSION DEVICES	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
12	261677	3398/KOLNP/ 2008	19/02/2007	21/02/2006	A BENZOPHENONE DERIVATIVE	TOYAMA CHEMICAL CO., LTD.	13/02/2009	KOLKATA
13	261678	186/KOLNP/2 009	18/07/2007	19/07/2006	HYDROGEN PEROXIDE DELIVERY SYSTEM IN FORM OF A SKIN DRESSING	ARCHIMED LLP	01/05/2009	KOLKATA
14	261681	1453/KOL/200 8	26/08/2008		AN EROSION RESISTANCE COATING FOR HYDROTURBINE COMPONENTS AND METHOD OF COATING	BHARAT HEAVY ELECTRICALS LIMITED	05/03/2010	KOLKATA
15	261682	1711/KOLNP/20 07	20/10/2004	20/10/2004	PHARMACEUTICAL COMPOSITION CAPABLE OF BEING USED FOR TREATMENT OR PREVENTION OF GASTRIC MUCOSAL DISEASES CAUSED BY HELICOBACTER PYLORI	KOTOBUKI PHARMACEUTICAL CO. LTD.	27/07/2007	KOLKATA
16	261686	513/KOLNP/200 8	10/08/2005	10/08/2005	SWITCH WITH ENCLOSURE ADDITIONAL PARTS FOR ENCLOSURE MATCHING TO DIFFERENT DISTANCES BETWEEN POLE CENTERS	SIEMENS AKTIENGESELLSCHAFT	07/11/2008	KOLKATA
17	261699	1688/KOL/200 8	30/09/2008	04/10/2007	A DIAGNOSTIC SYSTEM AND A METHOD FOR ENGINE CONTROL SYSTEMS WITH TWO THROTTLE POSITION SENSORS	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	05/06/2009	KOLKATA
18	261700	1053/KOLNP/ 2007	26/09/2005	28/09/2004	A PROCEDURE FOR THE PREPARATION OF A 6- SUBSTITUTED-1- METHYL-1-H- BENZIMIDAZOLE DERIVATIVE AND A SYNTHETIC INTERMEDIATE THEREOF	SANKYO COMPANY, LIMITED	13/07/2007	KOLKATA
19	261701	1511/KOLNP/ 2005	12/01/2004	13/01/2003	A PROCESS FOR PREPARING A SELECTIVE ANDROGEN RECEPTOR MODULATORS (SARM) COMPOUND	GTX INC.	05/01/2007	KOLKATA

20	261702	3899/KOLNP/ 2007	07/04/2006	12/04/2005	A PROCESS FOR THE PURIFICATION OF 10- DEACETYLBACCATINE III FROM 10-DE ACET YL- 2-DEBENZOYL-2- PENTENOYLBACCATINE III	INDENA S.P.A.	01/02/2008	KOLKATA
21	261712	370/KOL/2008	28/02/2008	30/03/2007	AN IMPROVED MULTI- SPEED TRANSMISSION TO PROVIDE EIGHT FORWARD SPEED RATIOS AND ONE REVERSE SPEED RATIO	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	10/10/2008	KOLKATA
22	261713	1781/KOLNP/ 2006	14/01/2005	27/01/2004	IMPROVED CODING TECHNIQUES USING ESTIMATED SPECTRAL MAGNITUDE AND PHASE DERIVED FROM MDTC COEFFICIENTS	DOLBY LABORATORIES LICENSING CORPORATION	11/05/2007	KOLKATA
23	261716	307/KOLNP/2 008	20/06/2006	29/06/2005	RAIL-GUIDED CLIMBING SYSTEM	PERI GMBH	17/04/2009	KOLKATA
24	261717	3328/KOLNP/ 2006	13/05/2005	18/05/2004	PARTICLE CLASSIFIER	COMEX AS	15/06/2007	KOLKATA
25	261718	5046/KOLNP/ 2007	05/07/2006	07/07/2005	A PRODUCT DISPENSER AND METHOD OF MANUFACTURE THEREOF	LANCER PARTNERSHIP, LTD.	27/06/2008	KOLKATA
26	261728	IN/PCT/2001/6 75/KOL	14/01/2000	14/01/1999	MORPHOLINE DERIVATIVES AND PROCESS FOR THEIR PREPARATION	ELPEN S.A.	23/09/2005	KOLKATA

CONTINUED TO PART- 2

INTRODUCTION

In view of the recent amendment made in the Designs (Amendment) Rules, 2008 with effect from 17/06/2008, Publication of the matter relating to Designs is being published in the Official Journal of The Patent Office. This Journal is being published on weekly basis on every Friday covering the various proceedings on Designs as required according to the provisions of under Rule 22, 25, 27 and 39 of the Design (Amendment) Rules, 2008. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

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SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	249354	20.06.2014
2.	249355	20.06.2014
3.	249357	19.06.2014
4.	249358	19.06.2014
5.	249359	19.06.2014
6.	249362	20.06.2014
7.	249363	19.06.2014
8.	249364	20.06.2014
9.	249365	20.06.2014
10.	249366	19.06.2014
11.	249367	19.06.2014
12.	249369	20.06.2014
13.	249370	20.06.2014
14.	249371	19.06.2014
15.	249372	19.06.2014

THE DESIGNS ACT 2000
SECTION 30
DESIGN ASSIGNMENT

The Design stands in the name of PANASONIC CORPORATION (Co-proprietor) registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
210651 210652 210653 210654 210655 210656	24-02	PANASONIC HEALTHCARE CO. LTD., OF 2131-1, MINAMIGATA, TOON-SHI, EHIME, JAPAN, A JAPANESE CORPORATION

REGISTRATION OF DESIGNS


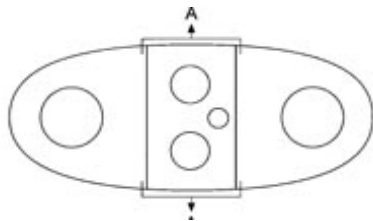
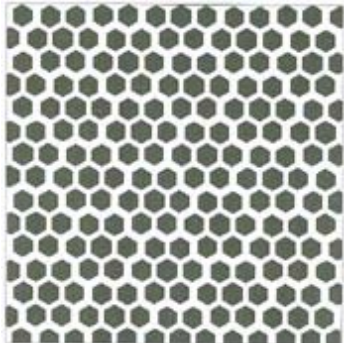
The following designs have been registered. They are now open for public inspection. In the following each entry the Date of Registration is shown. The Priority Number, Priority Date and Priority Country are also shown


DESIGN NUMBER	258759			
CLASS	06-11			
1)SH. JAGMOHAN SHARMA, 49, VIVEKANAND PURI, DELHI-110007, (INDIA) AN INDIAN NATIONAL OF THE ABOVE ADDRESS				
DATE OF REGISTRATION	16/12/2013			
TITLE	DOORMAT			
PRIORITY NA				
DESIGN NUMBER	256052			
CLASS	05-06			
1)KWH MIRKA LTD, PENSALAVÄGEN 210, 66850 JEPPU, FINLAND, NATIONALITY: FINLAND				
DATE OF REGISTRATION	26/08/2013			
TITLE	ABRASIVE SHEET MATERIAL			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002191262		26/02/2013	OHIM	
DESIGN NUMBER	258273			
CLASS	15-05			
1)WHIRLPOOL OF INDIA LIMITED, AN INDIAN COMPANY HAVING ITS CORPORATE OFFICE AT 'WHIRLPOOL HOUSE', PLOT NO. 40, SECTOR-44, GURGAON-122002, HARYANA, INDIA				
DATE OF REGISTRATION	21/11/2013			
TITLE	WASHING MACHINE			
PRIORITY NA				


DESIGN NUMBER	258435			
CLASS	11-02			
1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA				
DATE OF REGISTRATION	28/11/2013			
TITLE	TABLE CENTREPIECE			
PRIORITY NA				


DESIGN NUMBER	255725			
CLASS	06-02			
1)MR. VIRENDRA PINJARKAR, INDIAN NATIONAL, CARRYING ON BUSINESS AS A PROPRIETOR UNDER THE NAME AND STYLE OF M/S KINJAL CREATION'S HAVING ITS PRINCIPAL PLACE OF BUSINESS ADDRESS AT 44/45, SAIDHAM DEVELOPERS, BHARATWADA, PARDI, NAGPUR-440008 (MAHARASHTRA)				
DATE OF REGISTRATION	08/08/2013			
TITLE	CRADLE			
PRIORITY NA				




DESIGN NUMBER	256690			
CLASS	23-03			
1)GUANGDONG GEMAKE ELECTRIC APPLIANCE CO., LTD, GEMAKE INDUSTRIAL PARK, DONGFU ROAD, DONGFENG TOWN, ZHONGSHAN CITY, GUANGDONG PROVINCE, PR CHINA, A COMPANY OF CHINA				
DATE OF REGISTRATION	23/09/2013			
TITLE	ELECTRIC WATER HEATER			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
CN201330420466.3	31/08/2013	CHINA		


DESIGN NUMBER	258132			
CLASS	14-03			
1)JOLLA OY, ITÄMERENKATU 11-13, 00180 HELSINKI, FINLAND, NATIONALITY: FINLAND				
DATE OF REGISTRATION	13/11/2013			
TITLE	PORTABLE TELEPHONE			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
2239012-0001	17/05/2013	OHIM		
DESIGN NUMBER	256191			
CLASS	24-02			
1)KABUSHIKI KAISHA TOSHIBA, A JAPANESE CORPORATION, OF 1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO, JAPAN				
DATE OF REGISTRATION	03/09/2013			
TITLE	BIOMEDICAL SIGNAL RECORDER			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
2013-004670	04/03/2013	JAPAN		
DESIGN NUMBER	256054			
CLASS	05-06			
1)KWH MIRKA LTD, PENSALAVÄGEN 210, 66850 JEPPU, FINLAND, NATIONALITY: FINLAND				
DATE OF REGISTRATION	26/08/2013			
TITLE	ABRASIVE SHEET MATERIAL			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
002191262	26/02/2013	OHIM		

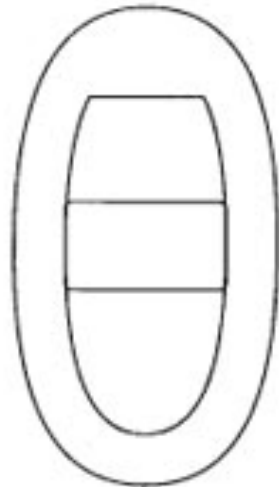
DESIGN NUMBER	258769		
CLASS	12-11		
1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION, OF 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 JAPAN			
DATE OF REGISTRATION	17/12/2013		
TITLE	MOTORCYCLE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2013-014580	27/06/2013	JAPAN	


DESIGN NUMBER	258385		
CLASS	10-04		
1)A-GRAIN (INDIA), PLOT NO 27, SHIVAJI PARK, OPP. SECTOR-9, AMBALA CITY, HARYANA, INDIA			
DATE OF REGISTRATION	26/11/2013		
TITLE	CASE FOR DIGITAL MOISTURE METER		
PRIORITY NA			


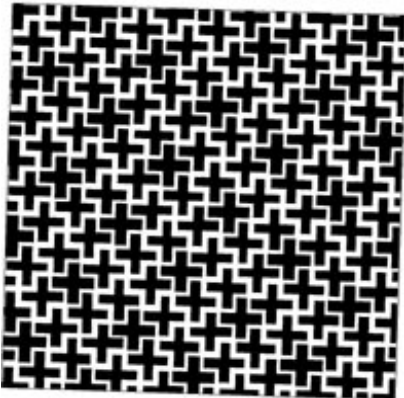

DESIGN NUMBER	258021		
CLASS	26-04		
1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS			
DATE OF REGISTRATION	07/11/2013		
TITLE	LED BULB		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002242891-0001	23/05/2013	OHIM	



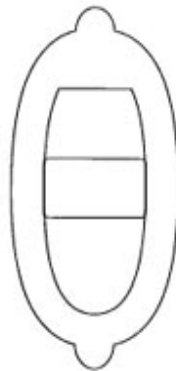
DESIGN NUMBER	258136		
CLASS	14-02		
1)AITICO OY, A LIMITED COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF FINLAND, OF BUSINESSCONNECT OY, MARIANKATU 8 A 9, 15110 LAHTI, FINLAND			
DATE OF REGISTRATION	13/11/2013		
TITLE	HOLDER FOR TABLETS		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002235929-0001	13/05/2013	OHIM	
DESIGN NUMBER	258198		
CLASS	15-07		
1)WHIRLPOOL OF INDIA LIMITED, AN INDIAN COMPANY HAVING ITS CORPORATE OFFICE AT 'WHIRLPOOL HOUSE', PLOT NO. 40, SECTOR-44, GURGAON-122002, HARYANA, INDIA			
DATE OF REGISTRATION	18/11/2013		
TITLE	REFRIGERATOR		
PRIORITY NA			
DESIGN NUMBER	258240		
CLASS	12-15		
1)APOLLO TYRES LIMITED, A COMPANY ORGANIZED UNDER THE LAWS OF INDIA, OF 7 INSTITUTIONAL AREA, SECTOR 32, GURGAON 122001, INDIA			
DATE OF REGISTRATION	19/11/2013		
TITLE	TYRE		
PRIORITY NA			


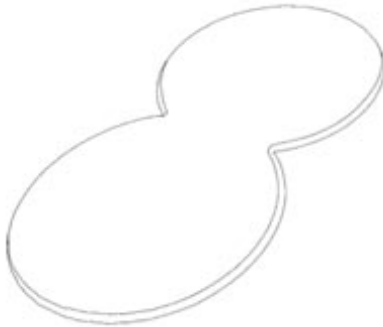
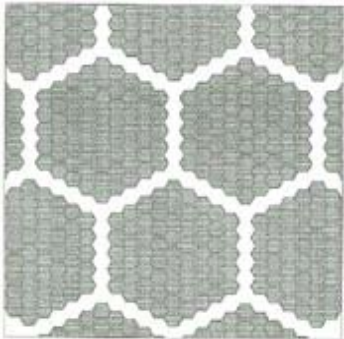
DESIGN NUMBER	238765			
CLASS	14-02			
1)ELECOM CO., LTD., 1-1 FUSHIMI-MACHI 4-CHOME CHUOKU, OSAKA, JAPAN				
DATE OF REGISTRATION	08/08/2011			
TITLE	COMPUTER MUSES			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
2011-009427	25/04/2011	JAPAN		

DESIGN NUMBER	256193			
CLASS	24-02			
1)KABUSHIKI KAISHA TOSHIBA, A JAPANESE CORPORATION, OF 1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO, JAPAN				
DATE OF REGISTRATION	03/09/2013			
TITLE	PAD OF A BIOMEDICAL SIGNAL RECORDER			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
2013-004673	04/03/2013	JAPAN		

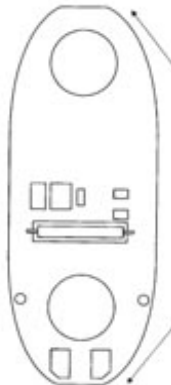



DESIGN NUMBER	256260			
CLASS	09-01			
1)PEPSICO, INC., INCORPORATED IN NORTH CAROLINA OF 700 ANDERSON HILL ROAD, PURCHASE, NEW YORK 10577, UNITED STATES OF AMERICA				
DATE OF REGISTRATION	06/09/2013			
TITLE	BOTTLE			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
29/447,924	07/03/2013	U.S.A.		


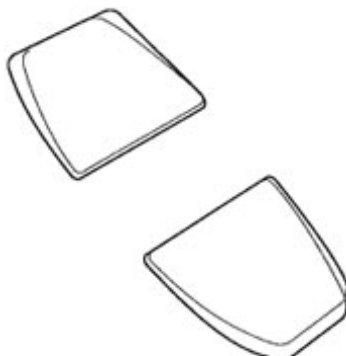
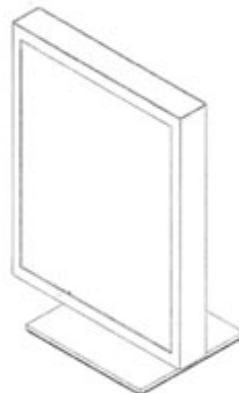
DESIGN NUMBER	258770			
CLASS	12-11			
1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION, OF 1-1, MINAMIAOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 JAPAN				
DATE OF REGISTRATION	17/12/2013			
TITLE	MOTORCYCLE			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
2013-014583		27/06/2013	JAPAN	
DESIGN NUMBER		256055		
CLASS		05-06		
1)KWH MIRKA LTD, PENSALAVÄGEN 210, 66850 JEPPO, FINLAND, NATIONALITY: FINLAND				
DATE OF REGISTRATION	26/08/2013			
TITLE	ABRASIVE SHEET MATERIAL			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002191262		26/02/2013	OHIM	
DESIGN NUMBER		258387		
CLASS		15-02		
1)DAYAL CHAND TRADING AS M/S. SIGMA REFRIGERATION WORKS, 3745, SHOP NO. 1 & 7, KUCHA PARMANAND, NETAJI SUBHASH MARG, DARYA GANJ, NEW DELHI-110002, INDIA (A SOLE PROPRIETORSHIP FIRM)				
DATE OF REGISTRATION	26/11/2013			
TITLE	REFRIGERANT OIL SEPARATOR			
PRIORITY NA				

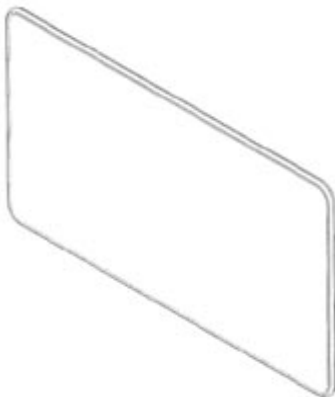


DESIGN NUMBER	258022			
CLASS	26-04			
1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS				
DATE OF REGISTRATION	07/11/2013			
TITLE	LED BULB			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002242891-0004		23/05/2013	OHIM	
DESIGN NUMBER	258199			
CLASS	15-07			
1)WHIRLPOOL OF INDIA LIMITED, AN INDIAN COMPANY HAVING ITS CORPORATE OFFICE AT 'WHIRLPOOL HOUSE' , PLOT NO. 40, SECTOR-44, GURGAON-122002, HARYANA, INDIA				
DATE OF REGISTRATION	18/11/2013			
TITLE	REFRIGERATOR			
PRIORITY NA				
DESIGN NUMBER	256194			
CLASS	24-02			
1)KABUSHIKI KAISHA TOSHIBA, A JAPANESE CORPORATION, OF 1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO, JAPAN				
DATE OF REGISTRATION	03/09/2013			
TITLE	PAD OF A BIOMEDICAL SIGNAL RECORDER			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
2013-004679		04/03/2013	JAPAN	

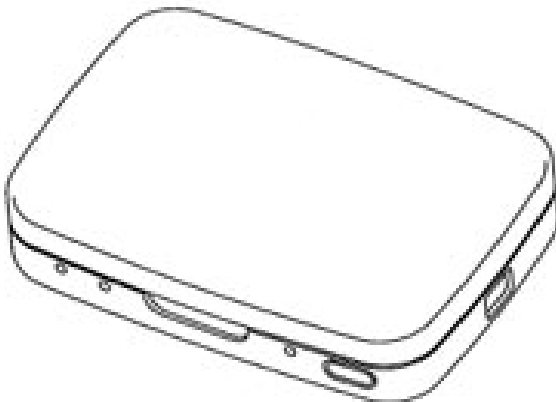
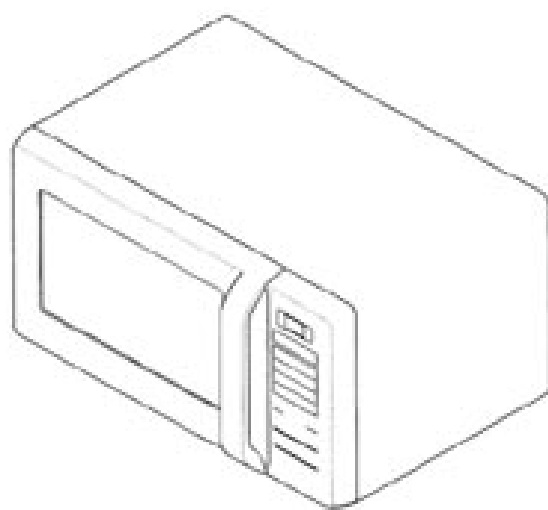
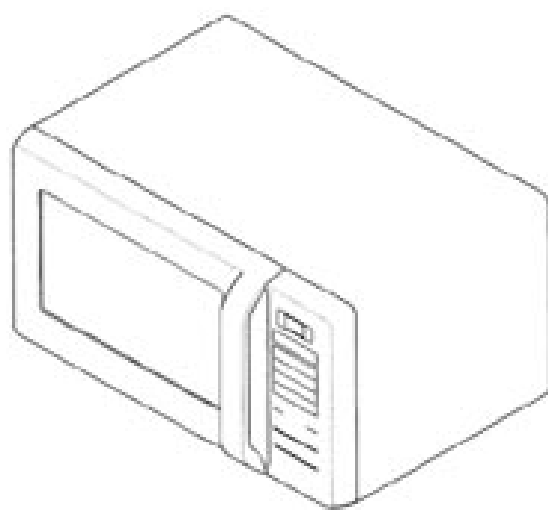
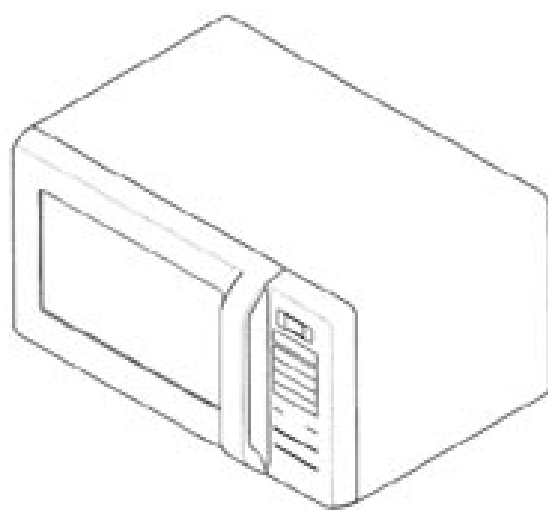
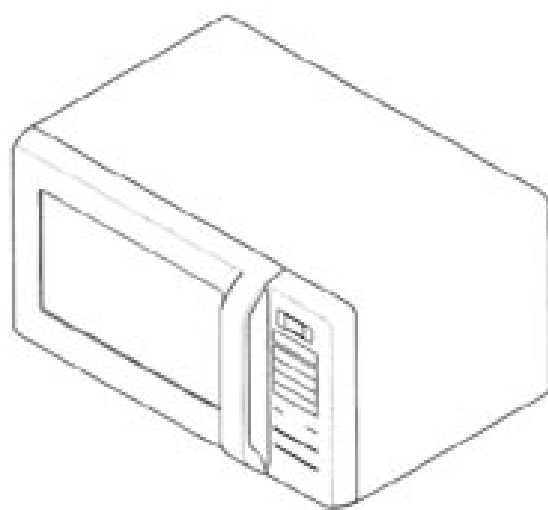
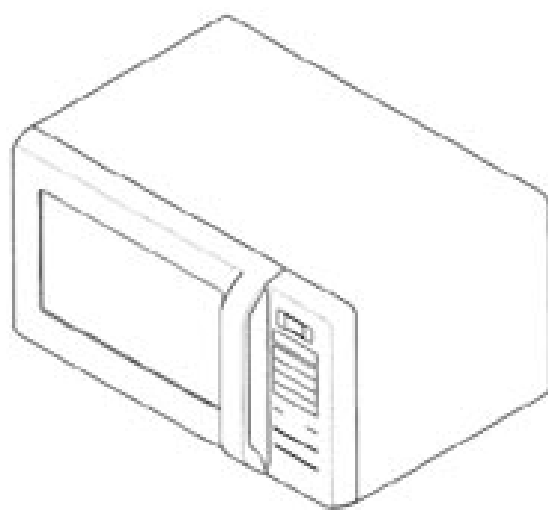
DESIGN NUMBER	256261			
CLASS	09-01			
1)PEPSICO, INC., INCORPORATED IN NORTH CAROLINA OF 700 ANDERSON HILL ROAD, PURCHASE, NEW YORK 10577, UNITED STATES OF AMERICA				
DATE OF REGISTRATION	06/09/2013			
TITLE	BOTTLE			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
29/447,923		07/03/2013	U.S.A.	
DESIGN NUMBER				
CLASS		01-01		
1)INVESTIGACIÓN DE TECNOLOGIA AVANZADA, S.A. DE C.V., AVE RUIZ CORTINES #2002 OTE., COL. LA PURISIMA, GUADALUPE, N.L. MÉXICO 67110, MEXICO				
DATE OF REGISTRATION	20/08/2013			
TITLE	BREAD			
PRIORITY NA				
DESIGN NUMBER				
CLASS		05-06		
1)KWH MIRKA LTD, PENSALAVÄGEN 210, 66850 JEPPO, FINLAND, NATIONALITY: FINLAND				
DATE OF REGISTRATION	26/08/2013			
TITLE	ABRASIVE SHEET MATERIAL			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002191262		26/02/2013	OHIM	

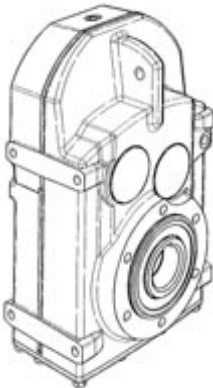


DESIGN NUMBER	258771			
CLASS	12-16			
1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION, OF 1-1, MINAMIAOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 JAPAN				
DATE OF REGISTRATION	17/12/2013			
TITLE	SIDE COVER FOR MOTORCYCLE			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
2013-014582		27/06/2013	JAPAN	
DESIGN NUMBER		251166		
CLASS		12-08		
1)RAJ AGRO AIDS OF RAJ COMPLEX, LALHERI ROAD, KHANNA-141401 (PUNJAB), INDIA, AN INDIAN PROPRIETORSHIP FIRM, WHOSE PROPRIETOR IS S. PUSHKAR RAJ SINGH, INDIAN NATIONAL OF ABOVE ADDRESS				
DATE OF REGISTRATION	23/01/2013			
TITLE	TILT TRAILER			
PRIORITY NA				
DESIGN NUMBER		256725		
CLASS		11-01		
1)INDERJIT KAUR ARORA, PROPRIETRESS, M/S. NIKKI ARORA FINE JEWELLERY, HAVING HER ADDRESS AT B-507, MANJU MAHAL, PALI HILL, NARGIS DUTT ROAD, BANDRA (WEST), MUMBAI-400050, MAHARASHTRA, INDIA (INDIAN NATIONAL)				
DATE OF REGISTRATION	24/09/2013			
TITLE	BRACELET			
PRIORITY NA				

DESIGN NUMBER	256195		
CLASS	24-02		
1)KABUSHIKI KAISHA TOSHIBA, A JAPANESE CORPORATION, OF 1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO, JAPAN			
DATE OF REGISTRATION	03/09/2013		
TITLE	BASE PLATE OF A BIOMEDICAL SIGNAL RECORDER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2013-004675	04/03/2013	JAPAN	
DESIGN NUMBER	258772		
CLASS	12-16		
1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION, OF 1-1, MINAMIAOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 JAPAN			
DATE OF REGISTRATION	17/12/2013		
TITLE	FRONT SIDE COWL FOR MOTORCYCLE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2013-014581	27/06/2013	JAPAN	
DESIGN NUMBER	255922		
CLASS	12-16		
1)(1) NITIN VIJAY SATPUTE, (2) DR. SHANKAR SINGH AND DR. SURESH M. SAWANT ALL INDIAN NATIONALS BEING JOINT APPLICANT HAVING ADDRESS AT C-205, GANGA OSIAN PARK, SUKHSAGAR NAGAR, BEHIND HAJURPAGA SCHOOL, KATRAJ, PUNE 411 047, MAHARASHTRA, INDIA			
DATE OF REGISTRATION	20/08/2013		
TITLE	SHOCK ABSORBER FOR VEHICLES		
PRIORITY NA			

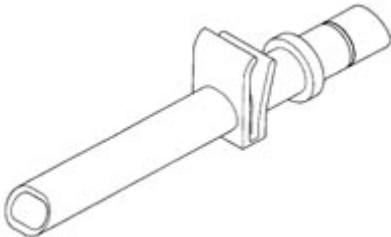


DESIGN NUMBER	256726			
CLASS	11-01			
1)INDERJIT KAUR ARORA, PROPRIETRESS, M/S. NIKKI ARORA FINE JEWELLERY, HAVING HER ADDRESS AT B-507, MANJU MAHAL, PALI HILL, NARGIS DUTT ROAD, BANDRA (WEST), MUMBAI-400 050, MAHARASHTRA, INDIA (INDIAN NATIONAL)				
DATE OF REGISTRATION	24/09/2013			
TITLE	NECKLACE			
PRIORITY NA				
DESIGN NUMBER	256196			
CLASS	24-02			
1)KABUSHIKI KAISHA TOSHIBA, A JAPANESE CORPORATION, OF 1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO, JAPAN				
DATE OF REGISTRATION	03/09/2013			
TITLE	PAD SET OF A BIOMEDICAL SIGNAL RECORDER			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
2013-004674		04/03/2013	JAPAN	
DESIGN NUMBER	256273			
CLASS	14-02			
1)SAMSUNG ELECTRONICS CO., LTD., A KOREAN COMPANY, OF 129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443- 742M REPUBLIC OF KOREA				
DATE OF REGISTRATION	06/09/2013			
TITLE	COMPUTER MONITOR			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
30-2013-0011467		06/03/2013	KOREA(SOUTH)	


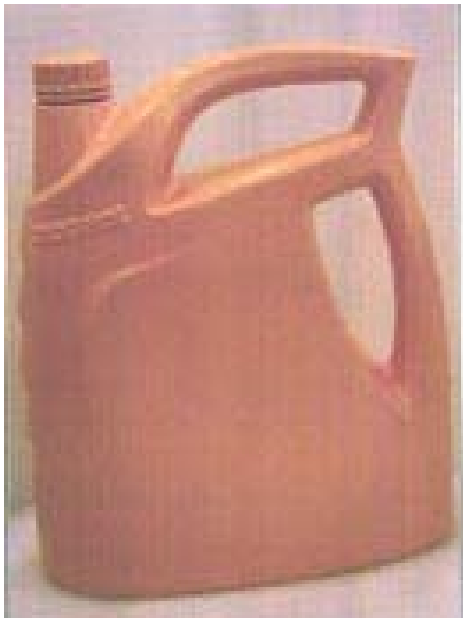
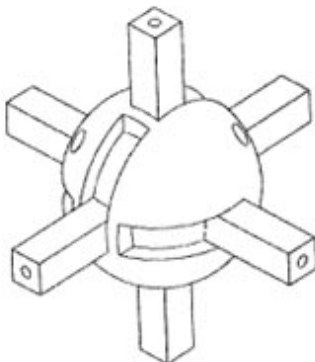
DESIGN NUMBER	255965		
CLASS	14-01		
1)SAMSUNG ELECTRONICS CO., LTD., A KOREAN COMPANY, OF 129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF KOREA			
DATE OF REGISTRATION	22/08/2013		
TITLE	DISPLAY SCREEN FOR TELEVISION		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
30-2013-0009401	22/02/2013	KOREA(SOUTH)	
DESIGN NUMBER			
258773			
CLASS			
12-16			
1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION, OF 1-1, MINAMIAOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 JAPAN			
DATE OF REGISTRATION	17/12/2013		
TITLE	FRONT SIDE COWL FOR MOTORCYCLE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2013-014584	27/06/2013	JAPAN	
DESIGN NUMBER			
256727			
CLASS			
11-01			
1)INDERJIT KAUR ARORA, PROPRIETRESS, M/S. NIKKI ARORA FINE JEWELLERY, HAVING HER ADDRESS AT B-507, MANJU MAHAL, PALI HILL, NARGIS DUTT ROAD, BANDRA (WEST), MUMBAI-400 050, MAHARASHTRA, INDIA (INDIAN NATIONAL)			
DATE OF REGISTRATION	24/09/2013		
TITLE	PENDANT		
PRIORITY NA			

DESIGN NUMBER	256197			
CLASS	24-02			
1)KABUSHIKI KAISHA TOSHIBA, A JAPANESE CORPORATION, OF 1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO, JAPAN				
DATE OF REGISTRATION	03/09/2013			
TITLE	BATTERY CHARGE CASE FOR A BIOMEDICAL SIGNAL RECORDER			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
2013-004678	04/03/2013	JAPAN		
DESIGN NUMBER				
256274				
CLASS				
07-02				
1)SAMSUNG ELECTRONICS CO., LTD., A KOREAN COMPANY, OF 129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742M REPUBLIC OF KOREA				
DATE OF REGISTRATION				
06/09/2013				
TITLE				
MICROWAVE OVEN				
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
30-2013-0012814	13/03/2013	KOREA(SOUTH)		
DESIGN NUMBER				
246419				
CLASS				
08-05				
1)DABUR INDIA LIMITED CORPORATE OFFICE KAUSHAMBI, SAHIBABAD-201010, DISTT. GHAZIABAD (U.P.) INDIA, AN INDIAN COMPANY				
DATE OF REGISTRATION				
09/07/2012				
TITLE				
SPATULA				
PRIORITY NA				

DESIGN NUMBER	239890			
CLASS	15-99			
1)SIEMENS AKTIENGESELLSCHAFT, OF, WITTELSBACHERPLATZ 2, 80333 MUNCHEN, GERMANY, A GERMAN COMPANY.				
DATE OF REGISTRATION	30/09/2011			
TITLE	GEAR DRIVE			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
001270516		12/04/2011	OHIM	
DESIGN NUMBER	258507			
CLASS	24-01			
1)DR. SRINIVASA RAGHAVAN KALYANARAMAN, ORTHOPAEDIC SURGEON, CKR HOSPITAL, 130, 56A/1, RAJAJI ROAD, SALEM 636007, TAMIL NADU INDIAN				
DATE OF REGISTRATION	02/12/2013			
TITLE	PRESSURE ULCER PREVENTION COT			
PRIORITY NA				
DESIGN NUMBER	256570			
CLASS	09-07			
1)SANTEN PHARMACEUTICAL CO., LTD., A JAPANESE COMPANY OF 9-19, SHIMOSHINJO 3-CHOME, HIGASHIYODOGAWA-KU, OSAKA-SHI, OSAKA 5338651, JAPAN				
DATE OF REGISTRATION	18/09/2013			
TITLE	NOZZLE FOR PACKAGING CONTAINER			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
2013-006321		22/03/2013	JAPAN	

DESIGN NUMBER	258306			
CLASS	02-02			
1)SWASTIKA GARMENTS OF 4, RAMKUMAR RAKSHIT LANE, KOLKATA-700007, WEST BENGAL, INDIA, AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS BRIJGOPAL MUNDHARA, AN INDIAN OF THE ABOVE ADDRESS				
DATE OF REGISTRATION	22/11/2013			
TITLE	GARMENT SET			
PRIORITY NA				
DESIGN NUMBER	255982			
CLASS	08-06			
1)NAGJIBHAI GOKALBHAI PANSURIYA (ADULT & INDIAN NATIONAL) PROPRIETOR OF SAGAR ENGINEERS (INDIAN PROPRIETORSHIP CONCERN) HAVING PLACE OF BUSINESS AT: 6, SORATHIYA WADI, KOTHARIYA MAIN ROAD, RAJKOT-360002-GUJARAT-(INDIA)				
DATE OF REGISTRATION	23/08/2013			
TITLE	HANDLE			
PRIORITY NA				
DESIGN NUMBER	258734			
CLASS	26-03			
1)HEI TECHNOLOGY INTERNATIONAL GMBH, OF AMEISGASSE 65, A-1140 WIEN, AUSTRIA				
DATE OF REGISTRATION	16/12/2013			
TITLE	OUTDOOR LIGHTING			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002258194-0002		19/06/2013	OHIM	

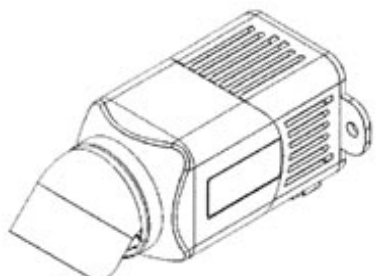
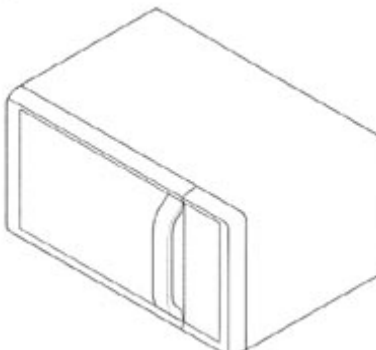


DESIGN NUMBER	257188			 PERSPECTIVE VIEW
CLASS	15-06			
1)KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, A JAPANESE CORPORATION OF 2-1, TOYODA-CHO, KARIYA-SHI, AICHI-KEN, JAPAN				
DATE OF REGISTRATION	04/10/2013			
TITLE	NOZZLE FOR A CLEANING DEVICE IN A SPINNING FRAME			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
2013-008137	11/04/2013	JAPAN		
DESIGN NUMBER	257526			
CLASS	14-02			
1)HOMAG HOLZBEARBEITUNGSSYSTEME GMBH, HOMAGSTRASSE 3-5, 72296 SCHOPFLOCH, GERMANY				
DATE OF REGISTRATION	15/10/2013			
TITLE	INFORMATION RETRIEVAL EQUIPMENT			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
002221218-0005	16/04/2013	EUROPEAN UNION		
DESIGN NUMBER	253374			
CLASS	07-99			
1)DART INDUSTRIES INC., A CORPORATION FOUNDED UNDER THE LAWS OF DELAWARE, U.S.A. OF 14901 SOUTH ORANGE BLOSSOM TRAIL, ORLANDO, FLORIDA 32837, USA				
DATE OF REGISTRATION	25/04/2013			
TITLE	TRAY			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
29/436,552	07/11/2012	U.S.A.		

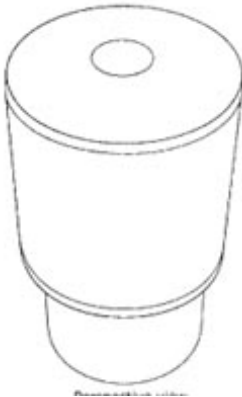


DESIGN NUMBER	255819				
CLASS	12-11				
1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION, OF 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 JAPAN					
DATE OF REGISTRATION	14/08/2013				
TITLE	MOTORCYCLE				
PRIORITY					
PRIORITY NUMBER	DATE	COUNTRY			
2013-003549	21/02/2013	JAPAN			
DESIGN NUMBER					256753
CLASS					09-02
1)RAJ PETRO SPECIALITIES P. LTD., (INDIAN COMPANY REGISTERED UNDER THE COMPANIES ACT, 1956) HAVING THEIR REGISTERED OFFICE AT 124, G. D. AMBEKAR MARG, AMBAWADI, KALACHOWKY, COTTON GREEN (WEST), MUMBAI-400033, STATE OF MAHARASHTRA, INDIA OF ABOVE ADDRESS					
DATE OF REGISTRATION					25/09/2013
TITLE					OIL CONTAINER
PRIORITY NA					
DESIGN NUMBER				254434	
CLASS				19-07	
1)DR. RAGEN PFEIFFER, A GERMAN BY NATIONALITY, EGERLÄNDERSTR. 37 A, 65779 KELKHEIM, GERMANY					
DATE OF REGISTRATION				11/06/2013	
TITLE				MOLECULE MODEL SET	
PRIORITY NA					

DESIGN NUMBER	256881			
CLASS	09-07			
1)PARESH.M.JAIN. (AN INDIAN NATIONAL) 27, TOP CLASS IND ENCLAVE ESTATE SATIVALI ROAD, BHOIDAPADA, VASAI EAST THANE-401208, STATE OF MAHARASHTRA, INDIA. PROPRIETOR OF SUSHILA HOME APPLIANCES, AN INDIAN PROPRIETORSHIP FIRM OF ABOVE ADDRESS				
DATE OF REGISTRATION	30/09/2013			
TITLE	CAP FOR CONTAINER			
PRIORITY NA				

DESIGN NUMBER	256567			
CLASS	09-07			
1)SANTEN PHARMACEUTICAL CO., LTD., A JAPANESE COMPANY OF 9-19, SHIMOSHINJO 3-CHOME, HIGASHIYODOGAWA-KU, OSAKA-SHI, OSAKA 5338651, JAPAN				
DATE OF REGISTRATION	18/09/2013			
TITLE	NOZZLE FOR PACKAGING CONTAINER			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
2013-006318		22/03/2013	JAPAN	

DESIGN NUMBER	253269			
CLASS	09-01			
1)ANTONIO PUIG, S.A., TRAVESSERA DE GRACIA, 908021 BARCELONA, SPAIN				
DATE OF REGISTRATION	22/04/2013			
TITLE	PERFUME BOTTLE			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002122192		19/10/2012	OHIM	


DESIGN NUMBER	257939		
CLASS	23-04		
1)STEGO-HOLDING GMBH, KOLPINGSTRASSE 21, 74523 SCHWABESCH HALL, GERMANY, NATIONALITY-GERMAN			
DATE OF REGISTRATION	01/11/2013		
TITLE	AIR VENTS		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2236752	14/05/2013	OHIM	
DESIGN NUMBER	256275		
CLASS	07-02		
1)SAMSUNG ELECTRONICS CO., LTD., A KOREAN COMPANY, OF 129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742M REPUBLIC OF KOREA			
DATE OF REGISTRATION	06/09/2013		
TITLE	MICROWAVE OVEN		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
30-2013-0012815	13/03/2013	KOREA(SOUTH)	
DESIGN NUMBER	258790		
CLASS	12-11		
1)TUBE INVESTMENTS OF INDIA LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT OF 1956, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT “DARE HOUSE”, 234, N. S. C. BOSE ROAD, CHENNAI - 600001, TAMIL NADU, INDIA			
DATE OF REGISTRATION	17/12/2013		
TITLE	FRAME FOR BICYCLE		
PRIORITY NA			

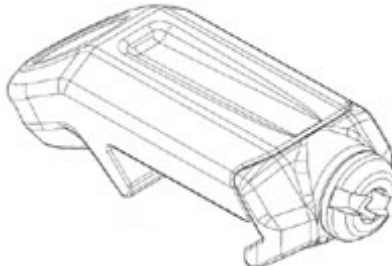
DESIGN NUMBER	258402			
CLASS	24-99			
1)GLENMARK PHARMACEUTICALS LIMITED, AN INDIAN COMPANY REGISTERED UNDER THE COMPANIES ACT, 1956, AND HAVING ITS OFFICE AT GLENMARK HOUSE, HDO - CORPORATE BLDG, WING A, B.D. SAWANT MARG, CHAKALA, ANDHERI (EAST), MUMBAI - 400099, STATE OF MAHARASHTRA, INDIA				
DATE OF REGISTRATION	26/11/2013			
TITLE	COVER FOR INHALER			
PRIORITY NA				
DESIGN NUMBER	258000			
CLASS	12-16			
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STRASSE 667, 80995 MÜNCHEN, GERMANY				
DATE OF REGISTRATION	06/11/2013			
TITLE	BUMPER FOR VEHICLES			
PRIORITY NA				
DESIGN NUMBER	255823			
CLASS	24-01			
1)PTT GLOBAL CHEMICAL PUBLIC COMPANY LIMITED, A COMPANY INCORPORATED UNDER THE LAWS OF THAILAND OF 555/1, ENERGY COMPLEX, BUILDING A, 14TH-18TH FLOOR, VIBHAVADI RANGSIT ROAD, CHATUCHAK, BANGKOK 10900, THAILAND				
DATE OF REGISTRATION	14/08/2013			
TITLE	A DEVICE FOR PREPARING AND TRANSFERRING REACTION MIXTURE			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
1302000818	29/03/2013	THAILAND		


DESIGN NUMBER	256755			
CLASS	09-02			
1)RAJ PETRO SPECIALITIES P. LTD., (INDIAN COMPANY REGISTERED UNDER THE COMPANIES ACT, 1956) HAVING THEIR REGISTERED OFFICE AT 124, G. D. AMBEKAR MARG, AMBAWADI, KALACHOWKY, COTTON GREEN (WEST), MUMBAI-400033, STATE OF MAHARASHTRA, INDIA OF ABOVE ADDRESS				
DATE OF REGISTRATION	25/09/2013			
TITLE	OIL CONTAINER			
PRIORITY NA				

DESIGN NUMBER	254830			
CLASS	12-16			
1)RAM DATTATARY CHAVAN, AN INDIAN NATIONAL, HAVING ADDRESS: B-1, 601, SHIVSAGAR SOCIETY, OPP. SANTOSH HALL, ANAND NAGAR, PUNE-411051				
DATE OF REGISTRATION	27/06/2013			
TITLE	ELECTROLYTE SEPARATION CONAINER FOR AUTOMOBILES			
PRIORITY NA				

DESIGN NUMBER	255854			
CLASS	06-08			
1)MAINETTI (UK) LIMITED, A COMPANY INCORPORATED IN SCOTLAND OF ANNFIELD ESTATE, OXNAM ROAD, JEDBURGH, ROXBURGHSHIRE, SCOTLAND, TD8 6NN, UNITED KINGDOM				
DATE OF REGISTRATION	16/08/2013			
TITLE	GARMENT HANGER			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
4028663	19/02/2013	U.K.		

DESIGN NUMBER	256031		
CLASS	14-03		
1)NOKIA CORPORATION, A FINNISH CORPORATION, OF THE ADDRESS KEILALAHDENTIE 4, ESPOO, FINLAND 02150			
DATE OF REGISTRATION	23/08/2013		
TITLE	MOBILE PHONE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/446577	25/02/2013	U.S.A.	


DESIGN NUMBER	254497		
CLASS	22-01		
1)MAGPUL INDUSTRIES CORPORATION, 400 YOUNG COURT, UNIT 1, ERIE, COLORADO 80516, UNITED STATES OF AMERICA, A COLORADO CORPORATION			
DATE OF REGISTRATION	13/06/2013		
TITLE	RAIL-MOUNTED SLING ATTACHMENT FOR A FIREARM		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/443,123	14/01/2013	U.S.A.	

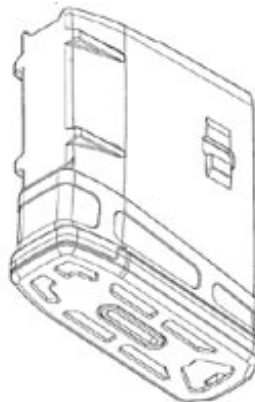
DESIGN NUMBER	258317		
CLASS	05-05		
1)PARRY MURRAY & CO. LTD., COMPANY REGISTERED UNDER THE LAWS OF ENGLAND AND WALES, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT 3RD FLOOR, SIMPSON HOUSE, 6 CHERRY ORCHARD ROAD, CROYDON, CRO 6BA, UNITED KINGDOM			
DATE OF REGISTRATION	22/11/2013		
TITLE	TEXTILE FABRIC		
PRIORITY NA			


DESIGN NUMBER	258264	
CLASS	12-16	
1)DEERE & COMPANY, A US CORPORATION OF ONE JOHN DEERE PLACE, MOLINE, ILLINOIS, 61265 - 8098, USA		
DATE OF REGISTRATION	21/11/2013	
TITLE	HOOD FOR A WORK VEHICLE	
PRIORITY NA		


DESIGN NUMBER	258739	
CLASS	15-03	
1)DHIMAN ENGINEERING CORPORATION, AN INDIAN COMPANY, OF THE ADDRESS PLOT NUMBER 107, HSIIDC, SECTOR-59, FARIDABAD-121004, INDIA		
DATE OF REGISTRATION	16/12/2013	
TITLE	RESERVOIR TANKS FOR AGRICULTURAL MACHINERY	
PRIORITY NA		


DESIGN NUMBER	256015	
CLASS	09-05	
1)COFFEE HOUSE HORS., A COMPANY INCORPORATED UNDER THE LAWS OF RUSSIAN FEDERATION NATIONALITY: RUSSIAN FEDERATION ADDRESS AT 2, DROBOLITEINY SIDE-STREET, MOSCOW 129626, RUSSIAN FEDERATION		
DATE OF REGISTRATION	23/08/2013	
TITLE	PACKAGING	
PRIORITY NA		

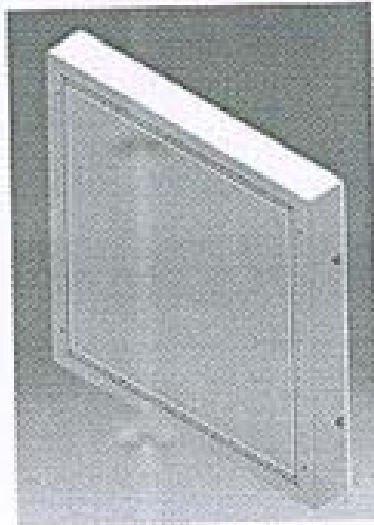
DESIGN NUMBER	253388			
CLASS	09-01			
1)M/S EMAMI LIMITED, A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE ADDRESS AT 687, ANANDAPUR, EM BYPASS, KOLKATA-700107, INDIA BY NATIONALITY INDIAN				
DATE OF REGISTRATION	23/04/2013			
TITLE	BOTTLE WITH CAP			
PRIORITY NA				


DESIGN NUMBER	254498			
CLASS	22-01			
1)MAGPUL INDUSTRIES CORPORATION, 400 YOUNG COURT, UNIT 1, ERIE, COLORADO 80516, UNITED STATES OF AMERICA, A COLORADO CORPORATION				
DATE OF REGISTRATION	13/06/2013			
TITLE	FIREARM MAGAZINE			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
29/440,787	27/12/2012	U.S.A.		

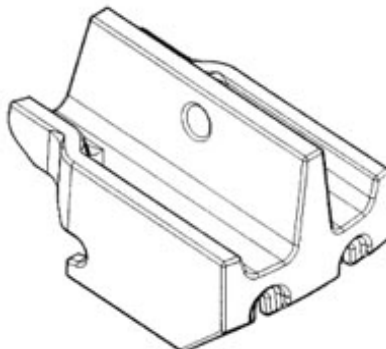
DESIGN NUMBER	255857			
CLASS	09-01			
1)PEARL POLYMERS LIMITED, OF A-97/2, OKHLA INDUSTRIAL AREA, PHASE 2, NEW DELHI-110020, INDIA, A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, OF THE ABOVE ADDRESS				
DATE OF REGISTRATION	16/08/2013			
TITLE	JAR			
PRIORITY NA				


DESIGN NUMBER	256036	
CLASS	24-01	
1)M/S. SUDHAMA SURGICAL INDUSTRIES REPRESENTED BY SHRI DARSHAN LAL MAHAJAN OF 34, DAYAL NAGAR, GURUDWARA, ASA PURAN WALI GALI, NEAR HOTEL REGENT PARK, BACKSIDE OF T.V. CENTER, JALANDHAR, PUNJAB		
DATE OF REGISTRATION	26/08/2013	
TITLE	DENTURE APPARATUS	
PRIORITY NA		

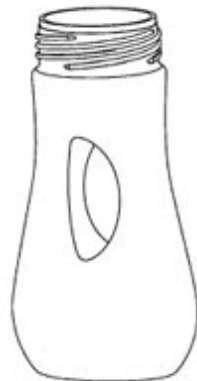


DESIGN NUMBER	258617	
CLASS	08-06	
1)(1) RUPESHBHAI MANSUKHBHAI MANSARA (2) JAYESHBHAI GOBARBHAI SHEKHALIYA (3) CHETANBHAI LAVJIBHAI SINGHALA (ALL THE PARTNERS ARE ADULT & INDIAN NATIONAL) PARTNERS OF JAY SOMNATH METAL (INDIAN PARTNERSHIP FIRM) HAVING PLACE OF BUSINESS AT: 3, MARUTI INDUSTRIAL AREA, KOTHARIYA RING ROAD, B/H. MURLIDHAR WAYBRIDGE, N.H. 8B, RAJKOT-360003-GUJARAT-(INDIA)		
DATE OF REGISTRATION	09/12/2013	
TITLE	HANDLE	
PRIORITY NA		


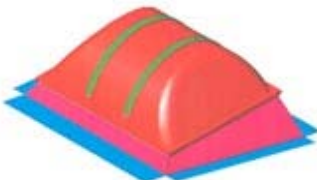
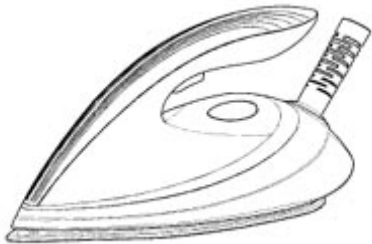
DESIGN NUMBER	258175	
CLASS	26-05	
1)NTL ELECTRONICS INDIA LTD., AN INDIAN COMPANY OF THE ADDRESS GURU AMAR DASS, BHAWAN, 78, NEHRU PLACE, NEW DELHI-110019, INDIA		
DATE OF REGISTRATION	14/11/2013	
TITLE	SURFACE CEILING LIGHT FIXTURE	
PRIORITY NA		

DESIGN NUMBER	255475			
CLASS	14-99			
1)BARCO N.V., PRESIDENT KENNEDYPARK 35, B-8500 KORTRIJK, BELGIUM				
DATE OF REGISTRATION	29/07/2013			
TITLE	VIDEO DISPLAY SYSTEM			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002266635		02/07/2013	OHIM	

DESIGN NUMBER	256149			
CLASS	15-99			
1)SANDVIK INTELLECTUAL PROPERTY AB OF SE-811 81 SANDVIKEN, SWEDEN, A SWEDISH COMPANY				
DATE OF REGISTRATION	30/08/2013			
TITLE	GYRATORY CRUSHER SPIDER ARM SHIELD			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
001363527		08/03/2013	OHIM	

DESIGN NUMBER	258327			
CLASS	08-06			
1)HARESHBHAI BABUBHAI DUDHATRA (ADULT & INDIAN NATIONAL) SOLE PROPRIETOR OF SHREE GANESH TECHNOCAST (INDIAN PROPRIETORSHIP CONCERN) HAVING PLACE OF BUSINESS AT- 5, AJIVASAHAT, KHIJADAWARI SHERI, THORDA, RAJKOT - GUJARAT-(INDIA)				
DATE OF REGISTRATION	25/11/2013			
TITLE	HANDLE			
PRIORITY NA				

DESIGN NUMBER	257801			
CLASS	07-01			
1)ARTSANA S.P.A., AN ITALIAN JOINT STOCK COMPANY OF VIA SALDARINI CATELLI, 1, 22070 GRANDATE (COMO), ITALY				
DATE OF REGISTRATION	28/10/2013			
TITLE	NURSING BOTTLE			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002232835		06/05/2013	OHIM	
PRIORITY				
DESIGN NUMBER				
255673				
CLASS				
09-01				
1)KALEESUWARI REFINERY PRIVATE LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, HAVING ADDRESS AT, #53, RAJASEKARAN STREET, MYLAPORE, CHENNAI-600004, TAMIL NADU, INDIA				
DATE OF REGISTRATION		06/08/2013		
TITLE		BOTTLE		
PRIORITY NA				
DESIGN NUMBER		258112		
CLASS		02-04		
1)ALPINE POLYRUB PVT. LTD. A-20, MANGOL PURI INDUSTRIAL AREA, PHASE-2, NEW DELHI-110034, (INDIA). (AN INDIAN COMPANY DULY REGISTERED UNDER THE COMPANIES ACT, 1956)				
DATE OF REGISTRATION		12/11/2013		
TITLE		FOOTWEAR		
PRIORITY NA				


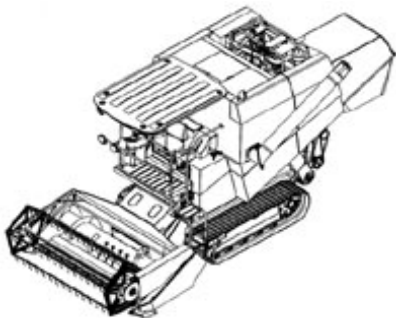
DESIGN NUMBER	256155			
CLASS	09-01			
1)ATELIERS GLASSEX PRIVATE LIMITED, AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT 103, 104, 107 GOKUL ARCADE B, SUBHASH ROAD, VILE PARLE (E), MUMBAI-400 057, INDIA				
DATE OF REGISTRATION	02/09/2013			
TITLE	BOTTLE			
PRIORITY NA				
DESIGN NUMBER	258422			
CLASS	26-05			
1)MR. NORI SEKHAR, CITIZEN OF INDIA, HAVING A PLACE OF BUSINESS AT 6-3-1216/141, METHODIST COLONY, KUNDAN BAGH, BEGUMPET, HYDERABAD-500016, INDIA				
DATE OF REGISTRATION	27/11/2013			
TITLE	LIGHT DIFFUSER			
PRIORITY NA				
DESIGN NUMBER	257763			
CLASS	07-05			
1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS				
DATE OF REGISTRATION	25/10/2013			
TITLE	ELECTRIC STEAM IRON			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002231514-0001		02/05/2013	OHIM	




DESIGN NUMBER	253701		
CLASS	12-16		
1)NISSAN JIDOSHA KABUSHIKI KAISHA (ALSO TRADING AS NISSAN MOTOR CO., LTD.), A JAPANESE COMPANY, ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN OF NO. 2 TAKARACHO, KANAGAWA-KU, YOKOHAMA-SHI, KANAGAWA-KEN, JAPAN			
DATE OF REGISTRATION	07/05/2013		
TITLE	WHEEL FOR AUTOMOBILE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2012-027272	08/11/2012	JAPAN	


DESIGN NUMBER	258735		
CLASS	26-03		
1)HEI TECHNOLOGY INTERNATIONAL GMBH, OF AMEISGASSE 65, A-1140 WIEN, AUSTRIA			
DATE OF REGISTRATION	16/12/2013		
TITLE	OUTDOOR LIGHTING		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002258194-0007	19/06/2013	OHIM	


DESIGN NUMBER	255983		
CLASS	08-06		
1)JAYESHBHAI GANDUBHAI SARDHARA (ADULT & INDIAN NATIONAL) PROPRIETOR OF MAHARAJA TECHNOCAST (INDIAN PROPRIETORSHIP CONCERN) HAVING PLACE OF BUSINESS AT: 4, PARSANA SOCIETY, 50 FEET MAIN ROAD, NR. SORATHIYAWADI CIRCLE, RAJKOT-360002-GUJARAT (INDIA)			
DATE OF REGISTRATION	23/08/2013		
TITLE	HANDLE		
PRIORITY NA			


DESIGN NUMBER	256754		
CLASS	09-02		
1)RAJ PETRO SPECIALITIES P. LTD., (INDIAN COMPANY REGISTERED UNDER THE COMPANIES ACT, 1956) HAVING THEIR REGISTERED OFFICE AT 124, G. D. AMBEKAR MARG, AMBAWADI, KALACHOWKY, COTTON GREEN (WEST), MUMBAI-400033, STATE OF MAHARASHTRA, INDIA OF ABOVE ADDRESS			
DATE OF REGISTRATION	25/09/2013		
TITLE	OIL CONTAINER		
PRIORITY NA			
DESIGN NUMBER	258258		
CLASS	13-03		
1)ARUN ENTERPRISES, B-48, SITE-4, INDUSTRIAL AREA, SHAHIBABAD, DIST.-GHAZIABAD-201010, UTTAR PRADESH, INDIA. (AN INDIAN PARTNERSHIP FIRM WHOSE PARTNERS ARE:- SH. C. L. DHIR, SH. ARUN DHIR, SH. TARUN DHIR. AN INDIAN NATIONAL OF THE ABOVE ADDRESS			
DATE OF REGISTRATION	20/11/2013		
TITLE	PERFORATED PARTITION FOR ELECTRICAL CABLES		
PRIORITY NA			
DESIGN NUMBER	254057		
CLASS	06-09		
1)SAMI TUOMAS SAVOLAINEN, A FINLAND CITIZEN OF UUDENMAANKATU 1A, 2 KRS., FI-05800 HYVINKÄÄ, FINLAND			
DATE OF REGISTRATION	23/05/2013		
TITLE	PILLOW		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
001353577-0001	23/11/2012	EUROPEAN UNION	


DESIGN NUMBER	256222		
CLASS	14-03		
1)CONCERO, LLC, A CORPORATION EXISTING UNDER THE LAWS OF THE COMMONWEALTH OF VIRGINIA, USA OF 1400 TECHNOLOGY DRIVE, HARRISONBURG, VIRGINIA 22802, U.S.A.			
DATE OF REGISTRATION	05/09/2013		
TITLE	TELEPHONE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
29/447,723	06/03/2013	U.S.A.	
DESIGN NUMBER	256898		
CLASS	15-03		
1)CLAAS KGAA MBH, MÜNSTERSTRASSE 33, 33428 HARSEWINKEL, GERMANY			
DATE OF REGISTRATION	30/09/2013		
TITLE	COMBINE HARVESTER		
PRIORITY NA			
DESIGN NUMBER	258113		
CLASS	02-04		
1)ALPINE POLYRUB PVT. LTD. A-20, MANGOL PURI INDUSTRIAL AREA, PHASE-2, NEW DELHI-110034, (INDIA). (AN INDIAN COMPANY DULY REGISTERED UNDER THE COMPANIES ACT, 1956)			
DATE OF REGISTRATION	12/11/2013		
TITLE	SHOE		
PRIORITY NA			

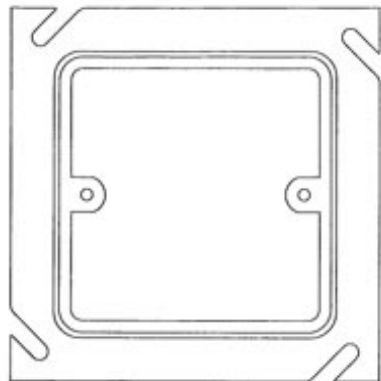
DESIGN NUMBER	255277			
CLASS	09-07			
1)DART INDUSTRIES INC., A CORPORATION FOUNDED UNDER THE LAWS OF DELAWARE, U.S.A. OF 14901 SOUTH ORANGE BLOSSOM TRAIL, ORLANDO, FLORIDA 32837, USA				
DATE OF REGISTRATION	17/07/2013			
TITLE	LID OF FOOD CONTAINER			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
29/449,703	15/03/2013	U.S.A.		
DESIGN NUMBER	253656			
CLASS	14-02			
1)SONY COMPUTER ENTERTAINMENT INC., A JAPANESE COMPANY OF 1-7-1 KONAN, MINATO-KU, TOKYO, JAPAN				
DATE OF REGISTRATION	03/05/2013			
TITLE	CONTROLLER FOR ELECTRONIC DEVICE			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
2012-027073	06/11/2012	JAPAN		
DESIGN NUMBER	258336			
CLASS	08-06			
1)KAPILBHAI BALVANTRAI VYAS AND JIGNESHBHAI CHHAGANBHAI GOHEL BOTH INDIAN NATIONAL PARTNER OF RATNAPRABHA HARDWARE AN INDIAN PARTNERSHIP FIRM HAVING ITS PRINCIPAL PLACE OF BUSINESS AT ADDRESS:- 6, PARSANA SOCIETY, 50 FEET ROAD, KOTHARIYA MAIN ROAD, RAJKOT-2. GUJARAT-INDIA				
DATE OF REGISTRATION	25/11/2013			
TITLE	HANDLE			
PRIORITY NA				


DESIGN NUMBER	257912	
CLASS	05-05	
1)PARRY MURRAY & CO. LTD., COMPANY REGISTERED UNDER THE LAWS OF ENGLAND AND WALES, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT 3RD FLOOR, SIMPSON HOUSE, 6 CHERRY ORCHARD ROAD, CROYDON, CRO 6BA, UNITED KINGDOM		
DATE OF REGISTRATION	31/10/2013	
TITLE	TEXTILE FABRIC	
PRIORITY NA		




DESIGN NUMBER	258268	
CLASS	10-04	
1)DAYAL CHAND TRADING AS M/S. SIGMA REFRIGERATION WORKS, 3745, SHOP NO. 1 & 7, KUCHA PARMANAND, NETAJI SUBHASH MARG, DARYA GANJ, NEW DELHI-110002, INDIA (A SOLE PROPRIETORSHIP FIRM)		
DATE OF REGISTRATION	21/11/2013	
TITLE	REFRIGERANT ORIFICE TUBE	
PRIORITY NA		


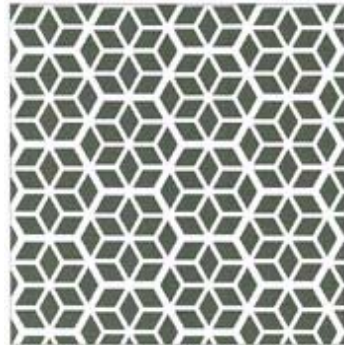

DESIGN NUMBER	258378	
CLASS	26-05	
1)CROMPTON GREAVES LIMITED, AVANTHA HOUSE, DR. ANNIE BESANT ROAD, WORLI, MUMBAI-400030, MAHARASHTRA, INDIA; AN INDIAN COMPANY		
DATE OF REGISTRATION	26/11/2013	
TITLE	LIGHTING FIXTURE	
PRIORITY NA		




DESIGN NUMBER	256682			
CLASS	06-01			
1)NILKAMAL LIMITED OF SURVEY NO. - 354/2 & 354/3, NEAR RAKHOLI BRIDGE, SILVASSA - KHANVEL ROAD, VILLAGE VASONA, SILVASSA (D & N. H.), (U. T.), INDIA, INDIAN COMPANY				
DATE OF REGISTRATION	23/09/2013			
TITLE	CHAIR			
PRIORITY NA				

DESIGN NUMBER	256169			
CLASS	13-03			
1)RANDL INDUSTRIES, INC., 3808 NORTH SULLIVAN ROAD, BUILDING 10, SUITE P, SPOKANE VALLEY, WASHINGTON 99216 U.S.A., NATIONALITY: U.S.A.				
DATE OF REGISTRATION	02/09/2013			
TITLE	PLASTER RING FOR ELECTRICAL OUTLET BOX			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
29/447,297		01/03/2013	U.S.A.	


DESIGN NUMBER	256816			
CLASS	12-16			
1)HERO MOTOCORP LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, HAVING ITS OFFICE AT 34, COMMUNITY CENTRE, BASANT LOK, VASANT VIHAR, NEW DELHI-110057				
DATE OF REGISTRATION	26/09/2013			
TITLE	ENGINE GUARD FOR A TWO WHEELED MOTOR VEHICLE			
PRIORITY NA				


DESIGN NUMBER	258269			
CLASS	15-07			
1)DAYAL CHAND TRADING AS M/S. SIGMA REFRIGERATION WORKS, 3745, SHOP NO. 1 & 7, KUCHA PARMANAND, NETAJI SUBHASH MARG, DARYA GANJ, NEW DELHI-110002, INDIA (A SOLE PROPRIETORSHIP FIRM)				
DATE OF REGISTRATION	21/11/2013			
TITLE	REFRIGERANT SUCTION LINE ACCUMULATOR			
PRIORITY NA				
DESIGN NUMBER	258950			
CLASS	24-02			
1)MR. SACHIN G. LOKAPURE(INDIA). A PROPRIETOR OF SAGLO® RESEARCH EQUIPMENT HAVING ITS PRINCIPAL PLACE OF BUSINESS 5099, NEAR ASHA TALKIES, OPP. OMKAR APPT, SHANIWAR PETH, MIRAJ-416410, DIST-SANGLI, MAHARASHTRA, INDIA				
DATE OF REGISTRATION	24/12/2013			
TITLE	CABINET FOR BACTERIAL MOVEMENT DETECTION DEVICE			
PRIORITY NA				
DESIGN NUMBER	254591			
CLASS	10-05			
1)GERARD LIGHTING PTY LTD, PO BOX 2369, KENT TOWN DC SA 5071, AUSTRALIA				
DATE OF REGISTRATION	19/06/2013			
TITLE	PASSIVE INFRA-ED SENSOR			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		
201216461	20/12/2012	AUSTRALIA		


DESIGN NUMBER	255896			
CLASS	23-04			
1)VEGO HOME SCIENCE PRIVATE LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT OF 1956, HAVING ITS REGISTERED ADDRESS AT GALA NO. 1, JAYATI APARTMENT, NEW LINK ROAD, OPPOSITE SYMPHONY TOWER, KANDIVALI WEST, MUMBAI-400067, INDIA				
DATE OF REGISTRATION	19/08/2013			
TITLE	AIR COOLER			
PRIORITY NA				
DESIGN NUMBER	256050			
CLASS	05-06			
1)KWH MIRKA LTD, PENSALAVÄGEN 210, 66850 JEPPO, FINLAND, NATIONALITY: FINLAND				
DATE OF REGISTRATION	26/08/2013			
TITLE	ABRASIVE SHEET MATERIAL			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002191262		26/02/2013	OHIM	
DESIGN NUMBER	256818			
CLASS	12-16			
1)HERO MOTOCORP LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, HAVING ITS OFFICE AT 34, COMMUNITY CENTRE, BASANT LOK, VASANT VIHAR, NEW DELHI-110057				
DATE OF REGISTRATION	26/09/2013			
TITLE	LEG GUARD FOR MOTORCYCLE			
PRIORITY NA				

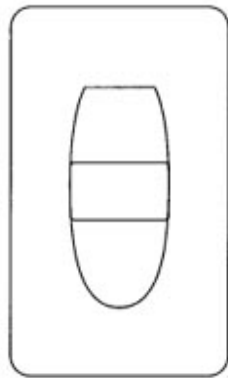

DESIGN NUMBER	258270			
CLASS	08-06			
1)ALPESHBHAI B. PATEL AND PARESHBHAI M. PATEL BOTH INDIAN NATIONAL PARTNERS OF S. P. METAL AN INDIAN PARTNERSHIP FIRM HAVING ITS PRINCIPAL PLACE OF BUSINESS AT ADDRESS :- “PRANAM”, JAY SIYARAM INDUSTRIAL ESTATE, NEAR MIRA UDHYOG, BALAJI POLYMERS STREET, AJI RING ROAD HIGHWAY, RAJKOT, GUJARAT-INDIA				
DATE OF REGISTRATION	21/11/2013			
TITLE	HANDLE			
PRIORITY NA				
DESIGN NUMBER	258346			
CLASS	15-05			
1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS				
DATE OF REGISTRATION	25/11/2013			
TITLE	HANDHELD FLOOR STEAMER			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
002255026-0001		13/06/2013	OHIM	
DESIGN NUMBER	255417			
CLASS	09-01			
1)ALCOBEV INTERNATIONAL LIMITED A COMPANY ESTABLISHED AS PER THE LAWS OF ANGUILLA WHOSE ADDRESS IS AT OMC OFFICES, BAR BOW BUILDING, THE VALLEY A12640 ANGUILLA BWI				
DATE OF REGISTRATION	26/07/2013			
TITLE	BOTTLE			
PRIORITY NA				

DESIGN NUMBER	256051		
CLASS	05-06		
1)KWH MIRKA LTD, PENSALAVÄGEN 210, 66850 JEPPO, FINLAND, NATIONALITY: FINLAND			
DATE OF REGISTRATION	26/08/2013		
TITLE	ABRASIVE SHEET MATERIAL		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002191262	26/02/2013	OHIM	
PRIORITY			
DESIGN NUMBER	258350		
CLASS	02-02		
1)SWASTIKA GARMENTS OF 4, RAMKUMAR RAKSHIT LANE, KOLKATA-700007, WEST BENGAL, INDIA, AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS BRIJGOPAL MUNDHARA, AN INDIAN OF THE ABOVE ADDRESS			
DATE OF REGISTRATION	25/11/2013		
TITLE	GARMENT SET		
PRIORITY NA			
DESIGN NUMBER	258432		
CLASS	11-02		
1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA			
DATE OF REGISTRATION	28/11/2013		
TITLE	TABLE CENTREPIECE		
PRIORITY NA			

DESIGN NUMBER	256053		
CLASS	05-06		
1)KWH MIRKA LTD, PENSALAVÄGEN 210, 66850 JEPPO, FINLAND, NATIONALITY: FINLAND			
DATE OF REGISTRATION	26/08/2013		
TITLE	ABRASIVE SHEET MATERIAL		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002191262	26/02/2013	OHIM	

DESIGN NUMBER	258436		
CLASS	03-01		
1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA			
DATE OF REGISTRATION	28/11/2013		
TITLE	BOX FOR JEWELLERY		
PRIORITY NA			

DESIGN NUMBER	256691		
CLASS	23-03		
1)GUANGDONG GEMAKE ELECTRIC APPLIANCE CO., LTD, GEMAKE INDUSTRIAL PARK, DONGFU ROAD, DONGFENG TOWN, ZHONGSHAN CITY, GUANGDONG PROVINCE, PR CHINA, A COMPANY OF CHINA			
DATE OF REGISTRATION	23/09/2013		
TITLE	ELECTRIC WATER HEATER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
CN201330420424.X	31/08/2013	CHINA	

DESIGN NUMBER	256192		
CLASS	24-02		
1)KABUSHIKI KAISHA TOSHIBA, A JAPANESE CORPORATION, OF 1-1, SHIBAURA 1-CHOME, MINATO-KU, TOKYO, JAPAN			
DATE OF REGISTRATION	03/09/2013		
TITLE	PAD OF A BIOMEDICAL SIGNAL RECORDER		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2013-004672	04/03/2013	JAPAN	
DESIGN NUMBER	256351		
CLASS	11-01		
1)CHRISTIAN DIOR COUTURE, A FRENCH PUBLIC LIMITED COMPANY OF 30 AVENUE MONTAIGNE, 75008 PARIS, FRANCE			
DATE OF REGISTRATION	10/09/2013		
TITLE	NECKLACE		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
725478701	11/03/2013	WIPO	