पेटेंट कार्यालय शासकीय जर्नल

OFFICIAL JOURNAL OF THE PATENT OFFICE

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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.

(Om Prakash Gupta) CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

18th MARCH, 2016

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THE PATENT OFFICE

KOLKATA, 18/03/2016

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| 2 | The Patent Office, Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai - 400 037 Phone: (91)(22) 24137701 Fax: (91)(22) 24130387 E-mail: <u>mumbai-patent@nic.in</u> | 5 | The Patent Office (Head Office), Government of India, Boudhik Sampada Bhavan, CP-2, Sector –V, Salt Lake City, Kolkata- 700 091 Phone: (91)(33) 2367 1943/44/45/46/87 Fax: (91)(33) 2367 1988 E-Mail: <u>kolkata-patent@nic.in</u> | |
| 3 | The Patent Office, Government of India, Boudhik Sampada Bhavan, Plot No. 32., Sector-14, Dwarka, New Delhi – 110075 Phone: (91)(11) 25300200 & 28032253 Fax: (91)(11) 28034301 & 28034302 E.mail: <u>delhi-patent@nic.in</u> ☆ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttaranchal, Delhi and the Union Territory of Chandigarh. | | ✤ Rest of India | |
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All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and The Patents (Amendment) Act, 2005 or by the Patents (Amendment) Rules, 2006 will be received only at the appropriate offices of the Patent Office.

Fees: The Fees may either be paid in cash or may be sent by Bank Draft or Cheques payable to the Controller of Patents drawn on a scheduled Bank at the place where the appropriate office is situated.

पेटेंट कार्यालय

कोलकाता, दिनांक 18/03/2016

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| | एस. एम. रोड, एंटोप हिल, मुम्बई- 400 037, भारत, | | एडजसेन्ट टु ईगल फ्लास्क, जी. एस. टी. रोड, गायन्डी |
| | फोन: (91) (22) 24123311 | | चेन्नई - 600 032. |
| | फ़ैक्स: (91) (22) 24123322 | | फोन: (91)(44) 2250 2081-84 |
| | ई. मेल: cgpdtm@nic.in | | फ़ैक्स: (91)(44) 2250-2066 |
| | | | ई. मेल: chennai-patent@nic.in |
| | | | 🔅 आन्ध्र प्रदेश, तेलंगाना, कर्नाटक, केरल, तमिलनाडु |
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| | एंटोप हिल डाकघर के समीप, | | बौद्धिक संपदा भवन, |
| | एस. एम. रोड, एंटोप हिल, मुम्बई- 400 037, | | सीपी-2, सेक्टर- V, साल्ट लेक सिटी, |
| | फोन: (91) (22) 24137701 | | कोलकाता-700 091, भारत. |
| | फ़ैक्स: (91) (22) 24130387 | | फोन: (91)(33) 2367 1943/44/45/46/87 |
| | ई. मेल: Mumbai-patent@nic.in | | फ़ैक्स:/Fax: (91)(33) 2367 1988 |
| | • गुजरात, महाराष्ट्र, मध्य प्रदेश, गोवा तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र, | | ई. मेल: kolkata-patent@nic.in |
| | दमन तथा दीव, दादर और नगर हवेली- | | |
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| | प्लॉट सं. 32, सेक्टर- 14, द्वारका, नई दिल्ली- 110 075. | | |
| | फोन: (91)(11) 25300200, 28032253 | | |
| | फ़ैक्स: (91)(11) 28034301, 28034302 | | |
| | ई. मेल: delhi-patent@nic.in | | |
| | हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब,राजस्थान, | | |
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www.patentoffice.nic.in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2005 अथवा पेटेंट (संशोधन) नियम, 2006 द्वारा वांछित सभी आवेदन, सूचनाए, विवरण या अन्य दस्तावेज़ 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.

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(Om Prakash Gupta) 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:

The following patent applications have been published under section 11A (2) of The Patents (Amendment) Act 2005 and rule 24A of The Patents (Amendment) Rules, 2006. 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:

| | (21) Application No.201611006716 A |
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| | (43) Publication Date : 18/03/2016 |
| | |
| | |
| C11D3/00 | (71)Name of Applicant : |
| NA | 1)DR.RAGHVENDRA KANKANE |
| NA | Address of Applicant :363, CIVIL LINES, NEAR HOTEL |
| NA | CHANDA JHANSI, U.P-284001 Uttar Pradesh India |
| NA | (72)Name of Inventor : |
| NA | 1)DR.RAGHVENDRA KANKANE |
| NA | , , |
| NA | |
| NA | |
| NA | |
| NA | |
| | NA NA NA NA NA NA NA NA |

(57) Abstract :

This formula is very low cost and helpful for the poor person and the person who is suffering from severe disease where they not take heavy pain killer. - Action of formula is fast so they give relief the tooth pain is fast then any other medicine. - Not Contra indication of this medicine because no need to sallow. - This formula make the gingival health betes and make the gingival heals faster. - It resist the bacteria and give relief faster. - it is locally applied, cheap and best and use it for multiple use as follows:- - Tooth pain - Heals the affected area after tooth extraction. - For the use of dry socket. - Action is start within few minute and relief the tooth pain for few hours. - This medicine is take it so many times without any Doctor permission.

No. of Pages : 19 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :01/03/2016

(43) Publication Date : 18/03/2016

(54) Title of the invention : PRODUCTION OF POLYMER CONCRETE USING RESIN OBTAINED FROM RECYCLED PLASTIC WASTE HAVING PET TO GLYCOL OF RATIO OF 2:1

| (51) International classification | | (71)Name of Applicant : |
|---|------|--|
| (31) Priority Document No | :NA | 1)FAREED MAHDI |
| (32) Priority Date | :NA | Address of Applicant : DEPARTMENT OF CIVIL |
| (33) Name of priority country | :NA | ENGINEERING, ALIGARH MUSLIM UNIVERSITY, |
| (86) International Application No | :NA | ALIGARH-202002, U.P., INDIA. Uttar Pradesh India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)FAREED MAHDI |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The enormous production of Municipal Solid Waste (MSW) having plastic product as a major component has led to an environmental catastrophe in the urban regions of India and other developing countries which has spread into the rural areas as well. Of various plastics that are being used in packaging, polyethylene terephthalate (PET), thermoplastic polyester is widely used in the manufacture of soft drink and mineral water bottles which ultimately adds up to MSW. The production of large amount of PET has created an environmental problem of gigantic proportions as it does not decompose readily in nature due to its slow biodegradability and hence could be thought of as a noxious material. Thus, the present invention proposes a method in which the PET bottles are recycled to produce unsaturated polyester resin, which can be used as a binder in polymer concrete. The recycled PET plastic waste obtained from MSW is depolymerized through glycolysis having PET to glycol ratio of 2:1 to produce unsaturated polyester resin (UPER). The UPER so produced is then used as a binding agent to produce polymer mortar (PM) and polymer concrete (PC). Two sets of PM/PC were produced with PET to glycol ratio of 2:1. The initiator promoter combinations taken were Benzoil per oxide (BPO) and N, yVdiethyl aniline (NNDA) in set number one while Methyl ethyl ketone per oxide (MEKP) and cobalt naphthanate (CoNp) were used in second set. The ultimate crushing strain of polymer concrete produced with MEKP as initiator is less than the crushing strain of polymer concrete produced with BPO as initiator whereas the compressive strength of polymer concrete produced with MEKP as initiator and having PET to glycol ratio of 2:1 is more than the compressive strength of polymer concrete produced with BPO as initiator. The modulus of rupture of PC produced with MEKP as initiator was 7.447 MPa whereas the modulus of rupture of PC produced with BPO as initiator was 6.340 MPa. The bond strength of PC produced with MEKP as initiator and CoNp as promoter was also found to be much higher than the bond strength of PC produced with BPO as initiator and NNDA as promoter.

No. of Pages : 12 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :01/03/2016

(43) Publication Date : 18/03/2016

(54) Title of the invention : USE OF FLY ASH AS PARTIAL REPLACEMENT OF COARSE SAND IN POLYMER CONCRETE.

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :NA :NA :NA :NA :NA :NA :NA | (71)Name of Applicant : 1)FAREED MAHDI Address of Applicant :DEPARTMENT OF CIVIL ENGINEERING, ALIGARH MUSLIM UNIVERSITY, ALIGARH-202002, U.P., INDIA. Uttar Pradesh India (72)Name of Inventor : 1)FAREED MAHDI 2)GHAZALA ARSHAD 3)MOHD FAZAL |
|---|---|---|
| | :NA :NA | |
| (61) Patent of Addition to Application Number | :NA | 2)GHAZALA ARSHAD |

(57) Abstract :

Concrete at present is the widely used construction material using ordinary Portland cement (OPC) as binding material in large quantities, resulting in the emission of green house gases and mining of natural resources i.e. limestone. Polymer concrete is a logical method for utilizing potentially dangerous waste material obtained from Municipal Solid Waste (MSW) and minimizing the use of cement. One of the components of MSW is polyethylene terephthalate (PET) found generally as waste soft drink and mineral water bottles. The PET waste is depolymerised through glycolysis and converted into low cost unsaturated polyester resin, which is subsequently used as a binding agent in producing polymer concrete. In India, the major source of power generation is through thermal power resulting in the production of huge quantities of fly ash as a waste material. Although fly ash of class F category is successfully utilized as an additive in cement, the coarser ash obtained from an ash pond is not utilized on a mass scale. In the present invention, post-consumer polyethylene terephthalate (PET) waste bottles were used to produce unsaturated polyester resin by depolymerization through glycolysis reaction with diethylene glycol. Further, Fly ash has been used as a partial replacement for coarse sand in percentages of 10%, 20%, 30% and 50% by weight of sand in the making of Polymer Concrete. It has been noted that fly ash can be used as a fine aggregate material by partially replacing ordinary river sand in polymer concrete composites. The compressive strength of PC produced by replacing 10% of coarse sand by fly ash i.e. FA10 was found to be higher than the PC with fly ash content of 20%, 30% and 50% i.e. FA20, FA30, and FA50 respectively. The compressive strength of PC with 10%, 20% and 30% fly ash was found to be 29 MPa, 26 MPa and 20 MPa respectively, while that PC with 50% fly ash was only about 3.5 MPa. The modulus of elasticity was found to be 2.67 GPa, 2.22 GPa and 1.48 GPa for PC with 10%, 20% and 30% fly ash.

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

(19) INDIA

(22) Date of filing of Application :08/01/2016

(43) Publication Date : 18/03/2016

(54) Title of the invention : DISPENSER WITH A RESERVOIR COMPRISING A DIVIDER OR A POROUS MATERIAL

| (51) International classification | :B05B11/00,B05B15/00,B65D83/32 | (71)Name of Applicant : 1)LEAFGREEN LIMITED |
|--------------------------------------|---------------------------------|---|
| (31) Priority Document No | :GB1312362.5 | Address of Applicant :35 Fairfield Rise, Wollaston, |
| (32) Priority Date | :10/07/2013 | Stourbridge, West Midlands DY8 3PQ U.K. |
| (33) Name of priority country | y:U.K. | (72)Name of Inventor : |
| (86) International Application | ¹ ·PCT/GB2014/000272 | 1)LAIDLER Keith |
| 110 | :08/07/2014 | 2)RODD Timothy |
| Filing Date | | |
| (87) International Publication No | :WO 2015/004410 | |
| (61) Patent of Addition to | :NA | |
| Application Number | :NA | |
| Filing Date | | |
| (62) Divisional to Application | ¹ ·NA | |
| Number | :NA | |
| Filing Date | | |

(57) Abstract :

A pressurized dispenser comprising a base around which surrounds a peripheral wall having an open end sealed by a dispensing element comprising a diptube, a fluid reservoir in contact with the dip-tube for reducing the compressed gas lost from the pressurized dispenser, a compressed gas and a dispensing liquid, wherein a majority of said fluid reservoir being located outside of the diptube and the fluid reservoir comprises a porous material, arranged in use to hold a volume of the dispensing liquid, the porous material being configured so that in use at least a portion of any compressed gas in the reservoir can be displaced by the liquid, ejecting said portion of the compressed gas into the dispenser, and wherein the dispensing element is configured to dispense the dispensing liquid continuously for at least 0.5 seconds, upon actuation of the dispensing element.

No. of Pages : 48 No. of Claims : 93

(19) INDIA

(22) Date of filing of Application :07/12/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : LIGHT WEIGHT STATIC VOLTAGE REGULATOR FOR AC MAINS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country | :NA :NA :NA | (71)Name of Applicant : 1)GOEL, Rakesh Address of Applicant :401/1, 32 Civil Lines, Roorkee 247667, Uttarakhand, India Uttarakhand India |
|---|-------------------|---|
| (86) International Application No | :NA | 2)GOEL, Ankur |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)GOEL, Rakesh |
| (61) Patent of Addition to Application Number | :NA | 2)GOEL, Ankur |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present disclosure relates to a static voltage regulator having three-legs power stage with LC filters. First, second, and third leg of the power stage can respectively be connected to Line-Out, Line-In, and Neutral with LC filters. Special modulation technique can be used to reduce losses. A MCU with embedded software individually implements Neutral level switching on the first leg, Line-In Up-converter with PFC on the second leg to make DC bus, and Line-Out mains generation with regulated voltage on the third leg.

No. of Pages : 21 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :02/06/2015

(43) Publication Date : 18/03/2016

| (54) Title of the invention : IMPROVED EXTERIOR SWITCH ASSEMBLY | | | | |
|---|------------|--|--|--|
| | | | | |
| (51) International classification | :H01H15/10 | (71)Name of Applicant : | | |
| (31) Priority Document No | :NA | 1)MINDARIKA PRIVATE LIMITED | | |
| (32) Priority Date | :NA | Address of Applicant : Village Nawada Fatehpur, P.O. | | |
| (33) Name of priority country | :NA | Sikanderpur Badda, Distt. Gurgaon, Haryana 122004, India | | |
| (86) International Application No | :NA | Haryana India | | |
| Filing Date | :NA | (72)Name of Inventor : | | |
| (87) International Publication No | : NA | 1)Arun Kumar Arora | | |
| (61) Patent of Addition to Application Number | :NA | 2)Manoj Kumar Jindal | | |
| Filing Date | :NA | 3)Shaik Moiz Ahmed | | |
| (62) Divisional to Application Number | :NA | | | |
| Filing Date | :NA | | | |

(57) Abstract :

The present disclosure relates to an exterior switch assembly for vehicle(s). More specifically the present disclosure relates to the construction and mechanism of the exterior switch assembly for use in the vehicle(s) comprising A switch assembly for vehicle comprising a housing(8) comprising an interior accommodating a tact switch(6) and a spring loaded slider(4), and an exterior. The said exterior switch assembly comprises a casing(2) adapted to be secured with housing(8), a rubber knob (3) interposed between the housing(8) and the casing(2) wherein the rubber knob (3) is adapted to actuate under an external force to actuate the slider(4) and the tact switch(6). The slider(4) is provided with the plurality of elongated slots extending longitudinally and each engageable with a corresponding guiding ribs(12) formed in the housing(8). Each of the elongated slots is provided with a pair of flat surfaces and each of the guiding ribs(12) is provided with curved surfaces so as to form a line contact(14) with the flat surfaces of the guiding slots (14)

No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :15/02/2016

(43) Publication Date : 18/03/2016

(54) Title of the invention : AEROSOL PLASTIC CONTAINER MADE FROM AN ISOSORBIDE CONTAINING COPOLYESTER AND AEROSOL DISPENSER COMPRISING SAID AEROSOL PLASTIC CONTAINER

| (51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country | n:B65D83/14,C08L67/02,C09K3/30 :13180376.9 :14/08/2013 :EPO | (71)Name of Applicant : 1)PLASTIPAK BAWT S. r.l. Address of Applicant :24 rue Hierchen L 4940 Bascharage Luxembourg |
|---|--|--|
| (86) International Application No Filing Date (87) International Publication No | :PCT/EP2014/066958 :07/08/2014 :WO 2015/022254 | (72)Name of Inventor : 1)DEGROOTE Laurent 2)DESSAINT Alain 3)JANSEN Cor |
| (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The invention relates to a plastic preform suitable to be stretch blow molded in order to form an aerosol container (20) or to an injection stretch blow molded aerosol container (20), wherein the preform or container are made of a polymeric material that comprises a copolyester including at least 1 mole % of isosorbide as comonomer and having an intrinsic viscosity of at least 0.7 dL/g.

No. of Pages : 27 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :04/02/2016

(43) Publication Date : 18/03/2016

(54) Title of the invention : A WEB-BASED SYSTEM FOR MANAGING DATA OF POTENTIAL BLOOD DONOR AND PATIENTS AND METHOD OF ITS APPLICATION THEREOF

| (31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA | Address of Applicant :F 3/25 Model Town, Delhi 110009 India[IN] Delhi India 2)Shikhar Sahdev 3)Shikhar Garg (72)Name of Inventor : 1)Saurabh Sharma 2)Shikhar Sahdev |
|--|--|
| (62) Divisional to Application Number :NA Filing Date :NA | / 0 |

(57) Abstract :

A web-based system for managing data of potential blood donor and patients and method of its application thereof. A web-based system that displays messages related to a recipientTMs preferences from a donor on the display of a recipientTMs device i.e. computer system, such as Smartphone or tablet, having Internet connectivity, and logic means for determining when the recipient device is in a given vicinity of the donorTMs location. When the donors locations is identified within a preselected distance that correlate with recipientTMs preferences and when a correlation is found, at least one message from the donor (if available) is displayed on the Smartphone or tablet device. The message is triggered when the device enters within the given radii from the donor. The device displays target messages based on both the recipientTMs specific preferences and the recipientTMs geographical real-time location.

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

(19) INDIA

(22) Date of filing of Application :29/02/2016

(43) Publication Date : 18/03/2016

| (51) International classification | :A61G5/00 | (71)Name of Applicant : |
|--|--------------------|---|
| (31) Priority Document No | :61/947911 | 1)PEARSON Douglas Terry |
| (32) Priority Date | :04/03/2014 | Address of Applicant :2582 Secretariat Drive Pleasanton |
| (33) Name of priority country | :U.S.A. | California 94566 U.S.A. |
| (86) International Application No | :PCT/US2015/022828 | (72)Name of Inventor : |
| Filing Date | :26/03/2015 | 1)PEARSON Douglas Terry |
| (87) International Publication No | :WO 2015/135002 | |
| (61) Patent of Addition to Application | :NA | |
| Number | | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(54) Title of the invention : DEVICE TO ASSIST PARAPLEGICS WITH GETTING DRESSED

(57) Abstract :

The Device to Assist Paraplegics with Getting Dressed is designed to lift a person that has a spinal cord injury or minimal use of their legs above the seat of a wheel chair, or a toilet seat, allowing easy slipping on or off of the pants. The device may be wall mounted wall adjacent to a seating fixture. The device may be mounted on a free standing frame, which may have wheels to make it easy to move around and may easily fold up for storage. To use the device a person will, with their arms out to their sides horizontally, put the armpit rest under their arm pit area. On reaching down towards the pants, the armpit rest will turn from horizontal to a vertical position, lifting them up enough to slip the pants on or off.

No. of Pages : 38 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :02/03/2016

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHODS AND SYSTEMS FOR CHANGING ORIENTATION OF A MOBILE DEVICE HOLDER

| (51) International classification:H04M1/60(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No:NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(63) Date:NA(64) Patent of Addition to Application Number:NA(65) Divisional to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA | (71)Name of Applicant : 1)HCL Technologies Limited Address of Applicant :B-39, Sector 1, Noida 201 301, Uttar Pradesh, India Uttar Pradesh India (72)Name of Inventor : 1)DHALIWAL, Jasbir Singh 2)TAMMANA, Sankar Uma |
|---|--|
|---|--|

(57) Abstract :

The present subject matter relates to methods and systems for changing orientation of a mobile device holder holding a mobile device. Context of one or more applications running on the mobile device is monitored. Based on the determined context, an application from the applications being monitored is displayed onto a display of the mobile device. Further, based on the application being displayed, a signal from the mobile device is transmitted to the mobile device holder for changing an orientation of the mobile device holder.

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

(19) INDIA

(22) Date of filing of Application :03/03/2016

(43) Publication Date : 18/03/2016

(54) Title of the invention : SYSTEM AND METHOD FOR PROCESSING POINT OF SALE TRANSACTIONS

| (31) Priority Document No (32) Priority Date (33) Name of priority country (34) Priority Date (35) Name of priority country (36) International Application No (37) International Publication Number (38) International Publication Number (39) International Publication Number (30) International Publication Number (31) Patent of Addition to Application Number (31) Patent of Addition to Application Number (31) Patent of Addition to Application Number (32) Patent of Addition to Application Number (31) Patent of Addition to Application Number (32) Patent of Addition to Application Number (33) Patent of Addition to Application Number (34) Patent of Addition to Application Number (36) Patent of Addition to Application Number (37) Patent of Addition to Application Number (38) Patent of Addition to Application Number (39) Patent of Addition to Application Number (30) Patent of Addition to Application Number (31) Patent of Addition to Application Number (32) Patent of Addition to Application Number <l< th=""><th> (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date </th><th>:NA :NA :NA :NA :NA :NA :NA</th><th>Address of Applicant :2nd Floor,Plot No. 7,TDI Centre,Jasola District Centre, New Delhi-110025 Delhi India (72)Name of Inventor : 1)Ramanujam Madavan 2)Amanda Marisse Rodrigues</th></l<> | (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date | :NA :NA :NA :NA :NA :NA :NA | Address of Applicant :2nd Floor,Plot No. 7,TDI Centre,Jasola District Centre, New Delhi-110025 Delhi India (72)Name of Inventor : 1)Ramanujam Madavan 2)Amanda Marisse Rodrigues |
|--|--|---|--|
|--|--|---|--|

(57) Abstract :

A system for processing a point of sale transaction includes a scanner (102), a mobile device (104), a Near Field Communication (NFC) card (106) and a point of sale device (110). The scanner (102) is configured to scan one or more machine readable codes of one or more items. Further, the scanned one or more machine readable codes are received by the mobile device (104). The mobile device (104) is configured to validate each of the received one or more machine readable codes, and save the validated one or more machine readable codes to the NFC card (106). The validated one or more machine readable codes are stored in the NFC card (106) till occurrence of an event. Further, the point of sale device (110) is configured to processing a transaction by retrieving the stored one or more machine readable codes from the NFC card (106).

No. of Pages : 31 No. of Claims : 19

(22) Date of filing of Application :03/03/2016

(43) Publication Date : 18/03/2016

| (51) International classification | :H05B41/04 | (71)Name of Applicant : |
|---|------------|--|
| (31) Priority Document No | :NA | 1)Jamia Millia Islamia |
| (32) Priority Date | :NA | Address of Applicant :M.M. Ali Jauhar Marg, Okhla, New |
| (33) Name of priority country | :NA | Delhi -110025, India. Delhi India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)HAQUE, Ahteshamul |
| (87) International Publication No | : NA | 2)RAFIQ, Ammar |
| (61) Patent of Addition to Application Number | :NA | 3)SHAFAQ, Munshareh |
| Filing Date | :NA | 4)SAMEEN, Altaf |
| (62) Divisional to Application Number | :NA | 5)PARVEEN, Hina |
| Filing Date | :NA | |

(54) Title of the invention : CIRCUIT FOR METAL HALIDE HID LAMPS

(57) Abstract :

The present disclosure relates to circuit for operating a metal halide HID lamp by providing a Low Frequency Square Wave supply to run the lamp at its rated power by varying its duty cycle based on instantaneous impedance of the lamp. It incorporates a closed loop power control circuit that uses a buck converter to vary voltage input to the LFSW inverter in accordance with the varying impedance of the lamp, wherein a linear relation between lamp impedance and required duty cycle of the buck converter is determined by standard simulation. The circuit further incorporates a shutdown circuit for lamp protection by shutting off power supply to the lamp if power of the lamp goes beyond a desired level. The circuit works by measuring the instantaneous impedance and shutting down power supply to the lamp when the instantaneous impedance exceeds impedance that results in lamp power exceeding the desired level.

No. of Pages : 19 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION (21) Application No.201611008107 A (19) INDIA (22) Date of filing of Application :08/03/2016 (43) Publication Date : 18/03/2016 (54) Title of the invention : MULTIMEDIA CONTROL (51) International classification :G05B11/01 (71)Name of Applicant : 1)HCL Technologies Limited (31) Priority Document No :NA (32) Priority Date Address of Applicant :B-39, Sector 1, Noida 201 301, Uttar :NA (33) Name of priority country :NA Pradesh, India Uttar Pradesh India (72)Name of Inventor: (86) International Application No :NA Filing Date :NA 1)DHALIWAL, Jasbir Singh (87) International Publication No : NA 2) TAMMANA, Sankar Uma (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 and system for controlling multimedia displayed on a device based upon a set of parameters associated with a user of the device. The method comprises initiating multimedia on a device providing a virtual reality environment to a user, and obtaining primary sensor data from one or more sensors on a body of the user watching the multimedia on the device. The method further comprises, generating an intensity of an emotion of the user based on the primary sensor data, and modifying the multimedia based on a comparison of the intensity with a predefined intensity, thereby controlling the multimedia displayed on a device.

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

(19) INDIA

(22) Date of filing of Application :03/03/2016

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD AND DEVICE FOR PREVENTING DRYING IN A BOILER OF A TOWER SOLAR CONCENTRATION PLANT

| (51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country | :F22B1/00,F22B21/02,F22B37/26 :61/873075 :03/09/2013 :U.S.A. | (71)Name of Applicant : 1)COCKERILL MAINTENANCE & INGENIERIE S.A. Address of Applicant :Avenue Greiner 1 B 4100 Seraing Belgium |
|--|---|--|
| (86) International Application No Filing Date (87) International Publication No | :PCT/EP2014/067594 :18/08/2014 :WO 2015/032614 | (72)Name of Inventor : 1)DETHIER Alfred |
| (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :NA :NA :NA :NA | |

(57) Abstract :

A method for generating a steam cycle at a pressure of about 200 bars, and at a temperature of about 600° C, using an industrial steam generator with a solar receiver (1) admitting an incident solar flux of about 600 kW/m^2 , comprising at least the following successive steps: - a water-steam mixture is generated in the evaporator (2) by transferring heat from the incident solar flux onto the evaporator (2); - the water-steam mixture is separated into saturated water and saturated steam in the separator drum (4), the saturated steam having a pressure comprised between 160 and 200 bars and a temperature comprised between 347 and 366°C; - the feed water is injected into the mixing drum (5), where it is mixed with the saturated water from the separator drum (4), the mixed water next returning toward the evaporator (2) via the return pipe (9) provided with the circulation pump (3), such that the temperature of the mixed water entering the evaporator (2) is below the saturated steam temperature, by a value comprised between 5 and 15°C.

No. of Pages : 16 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :02/06/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : ENHANCED KEYLESS ENTRY SWITCH OF A VEHICLE

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :NA :NA :NA :NA : NA :NA :NA | (71)Name of Applicant : 1)MINDARIKA PRIVATE LIMITED Address of Applicant :Village Nawada Fatehpur, P.O. Sikanderpur Badda, Distt. Gurgaon, Haryana 122004, India Haryana India (72)Name of Inventor : 1)Arun Kumar Arora 2)Manoj Kumar Jindal 3)Shaik Moiz Ahmed |
|---|--|--|
| (62) Divisional to Application Number Filing Date | :NA :NA | |
| | | |

(57) Abstract :

The present invention relates to an improved locking device of the door switch assembly of the vehicle. More specifically the present invention is to provide a switch assembly used to lock /unlock vehicleTMs door without using a key or without using remote switch of a passenger car or any other vehicle. The present disclosure provides a simple and cost effective moulding manufacturing process. The present switch assembly for vehicle comprising a housing (7) comprises of a plurality of second rib (14) extending laterally outwardly and a casing (2) comprises of locking arms(11) extending longitudinally from the peripheral wall in which each locking arm(11) is provided with a first rib (13) extending laterally inwardly. The housing(7) and the casing(2) each of which being, engage able with the corresponding first rib (13) and second rib (14) adapted to cooperate with each other to constrain removal of the casing from the housing.

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

(19) INDIA

(22) Date of filing of Application :02/06/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : VEHICULAR DOOR SWITCH FOR KEYLESS ENTRY

| (51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country | :E05B83/36 :NA :NA :NA | (71)Name of Applicant : 1)MINDARIKA PRIVATE LIMITED Address of Applicant :Village Nawada Fatehpur, P.O. Sikanderpur Badda, Distt. Gurgaon, Haryana 122004, India |
|--|---------------------------------|--|
| (86) International Application No | :NA | Haryana India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)Arun Kumar Arora |
| (61) Patent of Addition to Application Number | :NA | 2)Manoj Kumar Jindal |
| Filing Date | :NA | 3)Shaik Moiz Ahmed |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A switch assembly, comprising a housing accommodating a tact switch and a spring loaded slider; the housing comprises a base portion with a bore for receiving the tact switch and the spring loaded slider and the bore bordered by an inwardly tapered peripheral wall extending vertically from the base portion; a casing securable with the housing by means of plurality of fasteners; wherein the casing comprises an outer face, a first annular face defining an opening on the casing and a second annular face contiguous to the first annular face and a rubber knob.

No. of Pages : 40 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :26/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : GRID TIE INVERTER (GTI) WITH IMPROVED GRID INTERFACE TECHNIQUES

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No | :NA :NA :NA :NA | (71)Name of Applicant : 1)GOEL, Rakesh Address of Applicant :401 / 1 , 32 Civil Lines, Roorkee 247667, Uttrakhand, India Uttarakhand India 2)GOEL, Ankur |
|--|---------------------------|--|
| Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (2) Divisional to Application Number | :NA : NA :NA :NA | (72)Name of Inventor :1)GOEL, Rakesh2)GOEL, Ankur |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

The present disclosure generally relates to AC power control. More particularly, the present disclosure relates to a system and method for a Grid Tie Inverter (GTI) that provide for improved synchronization with the grid and better anti-islanding protection. In an aspect, the present disclosure provides for a system and method for improved synchronization of a GTI using a modulation method to turn OFF all switches near zero crossing that simplifies grid presence, voltage, frequency, phase detection and estimation, and also improves Phase Locked Loop (PLL) to synchronize the generated voltage with the grid. The system and method of the present disclosure also provides for a modulation method of using 3 switches out of 4 to avoid any reverse current from the grid to the GTI.

No. of Pages : 50 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :13/02/2016

(43) Publication Date : 18/03/2016

(54) Title of the invention : HIGH ASPECT CYLINDRICAL MICRO ELECTRODE FOR MICRO ELECTRICAL DISCHARGE MACHINING AND FABRICATION METHOD

| (51) International classification | :B23H1/06 | (71)Name of Applicant : |
|---|-----------|---|
| (31) Priority Document No | :NA | 1)Dr. Kamal Kumar |
| (32) Priority Date | :NA | Address of Applicant :Faculty, Department of Mechanical |
| (33) Name of priority country | :NA | Engineering PEC University of Technology, Sector-12, |
| (86) International Application No | :NA | Chandigarh, India-160012 Chandigarh India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)Dr. Kamal Kumar |
| (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 teaches the fabrication of micro electrode from high boiling temperature work materials in the form of rectangular sheet, using electrical discharge drilling (EDD). The method of manufacturing high aspect micro electrodes comprise of providing rectangular metal sheet of requisite material; slicing of metal sheet in small width using wire EDM; producing cylindrical electrodes using electrical discharge drilling (EDD) process; separation of cylindrical electrode from metal sheet to obtain final electrode. The industrial application of this invention is in electrical discharge machining (EDM) or micro EDM. Using this invention, micro electrodes can be fabricated quickly and easily from rectangular sheet of high boiling material. The micro electrodes produced through the methodology presented in this invention will helps to reduce the lead time and machining costs.

No. of Pages : 14 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :03/03/2016

(43) Publication Date : 18/03/2016

| (54) Title of the invention : PROCESS OF MAKING | NASOCARE | |
|--|----------|-------------------------|
| (54) Title of the invention : PROCESS OF MAKING (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | | (71)Name of Applicant : |

(57) Abstract :

Ayurveda is Indian science ,it is practicing since last 5000years. Number of medicines are described for many diseases. For allergic rhinitis (Peenas),Headache(Shirovedana),Sinusitis (Nasagataroga) internal and external medicines are described. Externally application or nasal administrative medicines are very less. Now a days due to globalization dietary habits are changed and physical exercise are reduced. Also heavy pollution, changed lifestyle, unhygienic conditions, change in work habits ,night shifts effects on immunity .Due to this immunity get reduced and allergic rhinitis, sinusitis, headache etc. diseases are getting increased. 10 to 15% of total population are suffers from these diseases. In Ayurveda it consider under Nasagatroga, Acharya Sushruta has mentioned about Nasagat roga in sushrut samhita very briefly. Vata ,Pitta, kaphaj , Sannipataj etc. types of diseases are mentioned by him for each Prakruti In the present invention there is done combination of different herbs like Bilva, sunti, draksha, pippali, tila thaila for preparation of tridoshshamak aushadhi for Nasagat roga. Specific amount of above herbs taken and the paste is made. Tila thaila is used to prepare oil, kada technique was used to prepare medicine. Prepared medicine is tridoshshamak so it is useful in all types of doshatmak disease. This is used externally only. The present invention also helps in headache ,migraine ,daily use of it helps in hairfall and makes wrinkle free fore head. It is very easy for administration. Does not have any complication.

No. of Pages : 15 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :03/03/2016

(43) Publication Date : 18/03/2016

| (54) Title of the invention : BROADCASTING ON M | IOVE | |
|---|-------------|---|
| | :H04H | (71)Name of Applicant : |
| (51) International classification | 40/00 | 1)AMRUTKAR RAHUL MADHUKAR |
| (31) Priority Document No | :NA | Address of Applicant :C/O. SHRI KAVTHEKAR, 104, |
| (32) Priority Date | :NA | ANURAG APT., GANGOTE PATH, OFF PRABHAT ROAD, |
| (33) Name of priority country | :NA | NEAR KAMLA NEHRU PARK, PUNE-411004, |
| (86) International Application No | :NA | MAHARASHTRA, INDIA. Maharashtra India |
| Filing Date | :NA | 2)KESKAR ASHISH SHREENIVAS |
| (87) International Publication No | : NA | (72)Name of Inventor : |
| (61) Patent of Addition to Application Number | :NA | 1)AMRUTKAR RAHUL MADHUKAR |
| Filing Date | :NA | 2)KESKAR ASHISH SHREENIVAS |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

ABSTRACT: A system broadcasting on move comprises: Receiving all kinds of Radio Signals, through mobile tracking antenna or any other type of satellite receiver that receives the radio channels - This particularly means the signal that a radio station transmits to a satellite providing DTH services or downlinks or terrestrial links is received through a mobile tracking antenna. The signal that is. received in the mobile tracking antenna is an audio signal i.e. electrical voltage. The output of this audio signal is supplied to an assembly of FM Transmitter through the converting cables installed in the moving objects. Transmitters transmits the signal to the FM receivers i.e. FM Radio sets, Car FMs, FM Radio on Mobile phones on a particular FM Frequency which is specifically dedicated for this use. This whole assembly of transmission-receiving-converting-transmitting signal consists of integration of various technologies such as transmitting audio signals from a radio station to the direct to home satellite, receiving the signal on a mobile tracking antenna or any other type of satellite receiver that receives the radio channels, converting the audio output signal to FM Signal and lastly, Transmitting the signal through FM Transmitter. The part of this integration about Receiving the signal in moving objects, Converting the audio signal in FM Signal & transmitting it to the FM receiver is the core part of the invention. In a way every vehicle having installed the moving tracking antenna & assembly of converting the signal to FM Signal becomes a moving Radio Station. The broadcasting range of the Transmitter, in terms of the distance it reaches, that is installed on moving objects may be different as per the capacity of each transmitter installed.

No. of Pages : 14 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :26/06/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : FIBERGLASS REINFORCED POLYMER (FRP) CONTAINER

| (51) International classification | :B29C 70/00, B65D 25/00 | (71)Name of Applicant : 1)BHARAT PETROLEUM CORPORATION LIMITED Address of Applicant :Bharat Bhavan, 4 &6 Currimbhoy Road, Ballard Estate, Mumbai Maharashtra India |
|---|--|---|
| (31) Priority Document No | :NA | (72)Name of Inventor : |
| (32) Priority Date | :NA | 1)1. Shri. Siddarth. K. Barve, |
| (33) Name of priority country | :NA | 2)2. Shri.Sultan.A.H. Dharani, |
| (86) International Application No | :NA | 3)Shri.Ashok.G.Babar |
| 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 | |
| (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :NA :NA :NA :NA :NA :NA | 2)2. Shri.Sultan.A.H. Dharani, |

(57) Abstract :

A novel container with sealing mechanism comprising FRP (Fibre glass reinforced polymer) based side walls (1, 2) sliding lid (3) and base (4) characterised in that the front, rear, side and bottom panels are one piece having continuous structure with the front wall having a lip extension towards the front side and a sliding lid being a separate panel containing a protruding extension (5) to sit upon the lip extension (6) of the front panel with a provision f locking (7) means, a suitable thickness of the side walls are and the top frame (8) on the rear and sidewalls (9) is of suitable thickness having groves (10) for the sliding of the lid to move in and out placed, the interior surface of the container has jute material lining for insulation inside which would protect to the Aluminium container to be placed within the container.

No. of Pages : 15 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :04/03/2016

(54) Title of the invention : AN AUTOMISED SYSTEM FOR MANUFACTURING SOLID JAGGERY AND PROCESS FOR MAKING THEREOF

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) Intermetional Application No | 27/00 :NA :NA :NA | Address of Applicant :BARGE HOUSE, SHREE PADMAVATI MAULI NAGAR, NEAR NEW RENAPUR NAKA, NANDED RING ROAD, LATUR, DIST LATUR, |
|--|----------------------------|---|
| (86) International Application No Filing Date | :NA :NA | MAHARASHTRA, INDIA. PIN CODE-413512 Maharashtra India |
| (87) International Publication No | : NA | (72)Name of Inventor : |
| (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :NA :NA :NA | 1)MR. SURAJ BARGE |
| Filing Date | :NA | |

(57) Abstract :

automised system and Process for manufacturing jaggery is carried out with the help of steam generated in boiler. This process has three phases i.e. automatic scum removal, steam based boiling, cooling and packing with stirring system. In present embodiment, scum removal of raw juice into mud box with the help of discharge valve is carried out through jacketed rectangular vessel scrapper system named Juice Heater after initial heat transfer till 100 Deg by using steam of 1-4 kg/cm2 pressure and temperature ranging 130-230 Deg. Boiling of juice done in round steam jacketed vessel named Jaggery Maker having 3m diameter with the use of steam generated in boiler resulting into jaggery at 118 °c with the help of rotation of stirrer at 4-5 rpm. Jaggery is cooled in round vessel with the help of stirrer and filled in moulds with the help of rotation of screw conveyor.

No. of Pages : 19 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :03/03/2016

(54) Title of the invention : METHOD FOR HOTSPOT BASED CALLING AND MESSAGING IN ZERO BALANCE MOBILE PHONES.

| (51) International alexaic action | :H04M | (71)Name of Applicant : |
|---|--------|--|
| | 17/00, | 1)SUMIT KUMAR |
| | H04L | Address of Applicant : PIMPRI CHINCHWAD COLLEGE OF |
| (51) International classification | 12/00, | ENGINEERING, SECTOR 26, NEAR AKURDI RAILWAY |
| | H04W | STATION, NIGDI PRADHIKARAN, PUNE-411044, |
| | 4/00 | MAHARASHTRA, INDIA. Maharashtra India |
| (31) Priority Document No | :NA | (72)Name of Inventor : |
| (32) Priority Date | :NA | 1)RITIKA GUPTA |
| (33) Name of priority country | :NA | 2)SUMIT KUMAR |
| (86) International Application No | :NA | 3)SUDARSHAN DESHMUKH |
| Filing Date | :NA | 4)AHILLYA S. BOTE |
| (87) International Publication No | : NA | 5)CHAITALI BAGUL |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | .11A | |

(57) Abstract :

The objective behind this system/process is to solve problem of zero balance in mobile phones as at times, we often face zero balance problem and seek others mobile phone to make calls or send messages. Therefore, this system on chip will solve this problem by creating a wireless network/hotspot in which the seeker will request the helper via free text message over Wi-Fi, then the helper will provide the desired service to the seeker. Also the helper acts as a router here, between the seeker and the user to which the seeker wants to communicate. The system merges the cellular network and the wireless network to facilitate this communication, hence we are proposing a chip that facilitates one user to make use of balance of other user to make calls and send SMS and this project facilitates the users to use other applications simultaneously on their smart phone and this system/process also provides security and privacy to both users.

No. of Pages : 16 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :16/01/2016

(43) Publication Date : 18/03/2016

| (54) Title of the invention : MULTI PURPOSE HAN | D TOOL | |
|---|--------|--|
| (51) International classification | 13/00 | (71)Name of Applicant : 1)ANANDKUMAR POPATLAL MUNDHAVA |
| (31) Priority Document No | :NA | Address of Applicant :8, Kailish Park Society , Nr. GEB circle |
| (32) Priority Date | :NA | Office, wadhwan City Surendranagar, Gujarat, India; Gujarat |
| (33) Name of priority country | :NA | India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)ANANDKUMAR POPATLAL MUNDHAVA |
| (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 the field of multi purpose hand tools and more particularly to an improved multi purpose hand tool incorporating 6 mm to 25 mm and $\frac{1}{4} \cdot$ to $1 \cdot$ inch sizes self adjustable ratchet spanner, 8 nos of ALLEN Key with single direction locking system small and big screw driver, small and big (+)screw driver, T8 and T9 tools specially used for mobile phones screw operation, pliers, wire cutter, chisel cutter a multipurpose self-adjustable universal spanner involves multi functionality.

No. of Pages : 29 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :05/11/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : G-MVC ARCHITECTURE BY PROVIDING VIEW RULES TO HANDLE THE ACTION EVENTS OF CONTROLLER AND STATES OF MODEL

| (51) International classification:G(51) International classification9/013,13,(31) Priority Document No:N.(32) Priority Date:N.(33) Name of priority country:N.(33) Name of priority country:N.(86) International Application No:N.Filing Date:N.(87) International Publication No: N.(61) Patent of Addition to Application Number:N. | Address of Applicant :40, Devpriya Bunglows, Part 1, Nr. Seema Hall, Anand Nagar Road, Satellite, Ahmedabad 15, Gujarat Gujarat India (72)Name of Inventor : 1)VISHAL SHAH |
|---|---|
| Filing Date :N. | |
| (62) Divisional to Application Number :N Filing Date :N | |

(57) Abstract :

The invention is use to support generalized MVC architecture of web-based and mobile based web service for fastest development of projects/products in less time. Model-View-Controller(MVC) is a common design pattern to integrate a graphical user interface (GUI) with the application based domain logic and data source operation. MVC separates the representation of the application domain logic (Model) from the display page of the applicationTMs state (View) and graphical user interaction control(Controller). The aim of this research focuses on generalized MVC(G-MVC) architecture which is built on the top of MVC design pattern. G-MVC uses for developing web applications and JSON and XML based web service for mobile applications without separate code of domain logics and business logics which acts like a mediator between applications states and database. It saves time for coding of programmer as well as reduces the lines of code by using G-MVC architecture which supports JSON and XML based web services interact to develop mobile based applications through Universal Resource Locator(URL).

No. of Pages : 24 No. of Claims : 8

(22) Date of filing of Application :08/01/2015

(43) Publication Date : 18/03/2016

| (54) Title of the invention : MOBILE FOOD KIOSK | | |
|---|-------|--|
| | | |
| (51) International classification | :G06F | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)BHATIA PRITESH ASHOKKUMAR |
| (32) Priority Date | :NA | Address of Applicant :SHIVPREET, 18 SAKAN TWINS, |
| (33) Name of priority country | :NA | NEAR MANAGEMENT ENCLAVE, VASTRAPUR, |
| (86) International Application No | :NA | AHMEDABAD, GUJARAT, INDIA. PINCODE-380015. Gujarat |
| Filing Date | :NA | India |
| (87) International Publication No | : NA | 2)JAIN ABHISHEK PREMPRAKASH |
| (61) Patent of Addition to Application Number | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)BHATIA PRITESH ASHOKKUMAR |
| (62) Divisional to Application Number | :NA | 2)JAIN ABHISHEK PREMPRAKASH |
| Filing Date | :NA | |
| | | · |

(57) Abstract :

The invention relates to a mobile food vending kiosk. More particularly a lightweight molded, easily transportable, horizontal, multipurpose food cooking and vending and marketing unit mounted on an adjustable height collapsible stand. It can also be mounted on a two wheeler with attachments or carried by the operator with straps and belts. The unit is fed power by a power supply, preferably a liquid gas tank, situated below the unit. Adequate safety mechanisms are provided for the safety of the unit and the operator. The unit can be handled and carried by a single person.

No. of Pages : 28 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :07/08/2014

(54) Title of the invention : GRAPHENE BASED DOME SHAPED PHASE ARRAY ANTENNA FOR SPACE COMMUNICATION

| (51) International classification | ·G060 | (71)Name of Applicant : |
|---|-------|--|
| (31) Priority Document No | :NA | 1)VEL TECH RANGARAJAN DR. SAGUNTHALA R & D |
| (32) Priority Date | :NA | INSTITUTE OF SCIENCE AND TECHNOLOGY, (VEL |
| (33) Name of priority country | :NA | TECH DR. RR & DR. SR TECHNICAL UNIVERSITY |
| (86) International Application No | :NA | Address of Applicant :NO.42, AVADI - VELTECH ROAD, |
| Filing Date | :NA | AVADI, CHENNAI - 62 Tamil Nadu India |
| (87) International Publication No | : NA | (72)Name of Inventor : |
| (61) Patent of Addition to Application Number | :NA | 1)R. PRASANNA |
| Filing Date | :NA | 2)DR. R. GOWRISHANKAR RAO |
| (62) Divisional to Application Number | :NA | 3)N.G. RENGANATHAN |
| Filing Date | :NA | |

(57) Abstract :

The purpose of the design is to improve the efficiency of the solar panel by reducing, the area it is occupying to develop the power and to improve the efficiency by coating with the graphene material which will reduce the reflection and heat loss. For the first time we are trying to convert the solar panel into antenna module. Mostly it will be working as a self powered efficient dual module. The technology is being targeted at the following applications: (1) Commercial Automotive: Supporting live satellite TV broadcasts while on the move, (2) High Speed train: Supporting RX-only and two way web-based services available to passengers for business and infotainment,(3) Aeronautical: . Combining the low profile of a phased array with the economics of a reflector, providing airline passengers with internet access on long haul flights and (4) Military Mobile Terminals: Providing up-to-the-minute tactical and logistical information via satellite to the battlefield.

No. of Pages : 11 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :31/12/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : VERTICAL TAKE OFF&HORIZONTAL TRANSITION UNMANNED AIRCRAFT SYSTEM, GUIDANCE AND CONTROL METHODTHEREOF

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No | :NA :NA :NA :NA :NA : NA | (71)Name of Applicant : 1)ANNA UNIVERSITY, CHENNAI Address of Applicant :SARDAR PATEL ROAD, GUINDY, CHENNAI - 600025 Tamil Nadu India (72)Name of Inventor : 1)DR.K. SENTHIL KUMAR 2)R. KRISHNA KUMAR |
|---|---|---|
| Filing Date | | 1)DR.K. SENTHIL KUMAR |
| (61) Patent of Addition to Application Number | :NA | 2)R. KRISHNA KUMAR 3)A. MOHAMED RASHEED |
| Filing Date (62) Divisional to Application Number Filing Date | :NA :NA :NA | |

(57) Abstract :

An unmanned aerial vehicle (UAV) capable of vertical take-off and landing and horizontal flight modes, comprising of a support structure having four arms. Onto the support structure is mounted a central housing having a programmable control system and payloads. A wing frame with deflectable control surface is mounted beneath of the support structure and four motors with propellers are mounted on the ends of four arms powered by at least one power source or a combination of different power sources. Most Illustrative Diagram: FIG 1

No. of Pages : 17 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :26/02/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : SURFACTANT BASED BOILING SYSTEM FOR ZERO GRAVITY

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number | :NA :NA :NA :NA :NA :NA | (71)Name of Applicant : 1)INDIAN INSTITUTE OF TECHNOLOGY PATNA Address of Applicant :<i>Bihar</i>-800013, INDIA (72)Name of Inventor : 1)MD. Qaisar Raza 2)Rishi Raj |
|---|--|--|
| (61) Factor Filing Date(62) Divisional to Application NumberFiling Date | :NA :NA :NA | |

(57) Abstract :

A surfactant based boiling system for zero gravity consists of a fluid having a deionized water as solvent and surfactant in the solvent and one or more heaters in contact with the fluid, configured for heating the fluid; The boiling system is configured to avoid bubble coalescence and to form multiple smaller bubbles on the heater surface during boiling. The boiling system is also configured for employing passive bubble departure mechanism during boiling for improving heat transfer coefficient and critical heat flux, thus enhancing boiling heat transfer performance in zero gravity.

No. of Pages : 50 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :09/12/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : A DEVICE WITH INTEGRATED METHODS FOR REVERSE TRANSCRIPTION POLYMERASE CHAIN REACTION (RT-PCR) AND/OR DNA/PROTEIN ARRAY BASED ANALYSES

| (51) International classification | :C04B24/26 | (71)Name of Applicant : |
|---|------------|--|
| (31) Priority Document No | :NA | 1)INDIAN INSTITUTE OF TECHNOLOGY, GUWAHATI |
| (32) Priority Date | :NA | Address of Applicant :Indian Institute Of Technology |
| (33) Name of priority country | :NA | Guwahati, Guwahati -781039, Assam, India. |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)CHATTOPADHYAY, Arun |
| (87) International Publication No | : NA | 2)SAILAPU, Sunil Kumar |
| (61) Patent of Addition to Application Number | :NA | 3)DUTTA, Deepanjalee |
| Filing Date | :NA | 4)SAHOO, Amaresh Kumar |
| (62) Divisional to Application Number | :NA | 5)GHOSH, Siddhartha Sankar |
| Filing Date | :NA | |

(57) Abstract :

A device with integrated methods for carrying out reverse transcription polymerase chain reaction (RT-PCR) and/or array based analysis involving signal generating agents (gold nanoclusters) comprising a heating and cooling cycle based synthesis selectively with DNA and protein as templates. The advancement is further directed to a portable device adapted for RT-PCR and array based gene and protein expression analyses based on a common detection agent involving luminescence of in-situ synthesized gold nanoclusters with adaptability for user friendly graphical user interface (GUI) for controlling, visualization and analysis of the data.

No. of Pages : 51 No. of Claims : 29

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.10170/DELNP/2012 A |
|--|--|
| (19) INDIA | |
| (22) Date of filing of Application :22/11/2012 | (43) Publication Date : 18/03/2016 |

(54) Title of the invention : SPEED AND POSITION DETECTION SYSTEM

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :H04N :NA :NA :NA :PCT/US2010/041710 :12/07/2010 :WO/2012/008944 :NA :NA :NA | (71)Name of Applicant : 1)OTIS ELEVATOR COMPANY Address of Applicant :Ten Farm Springs Road Farmington CT 06032-2568 USA U.S.A. (72)Name of Inventor : 1)TERRY Harold 2)ADIFON Leandre |
|---|---|--|
|---|---|--|

(57) Abstract :

An elevator (20) associated within a hoistway (22) and having a speed and position detection system (62, 64, 70) is disclosed. The elevator (20) may include an elevator component (60) associated within the hoistway (22), an optical sensor (62) associated within the hoistway (22), an object (64) associated within the hoistway (22) in such a manner to be aligned in a path of the optical sensor (62), and a processor (70) operatively coupled to the optical sensor (62). The optical sensor (62) may be capable of emitting a signal (66) and receiving a reflected signal (68) of the emitted signal (66). The object (64) may have surface features (64a) that may reflect the signal (66). The processor (70) may be capable of processing the reflected signal (68) to provide an output indicative of a speed and position of the elevator component (60).

No. of Pages : 23 No. of Claims : 20

(19) INDIA

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

(43) Publication Date : 18/03/2016

| (51) International classification | :C07C | (71)Name of Applicant : |
|---|--------------------|---|
| (31) Priority Document No | :NA | 1)COLGATE-PALMOLIVE COMPANY |
| (32) Priority Date | :NA | Address of Applicant :300 Park Avenue New York NY |
| (33) Name of priority country | :NA | 10022 USA U.S.A. |
| (86) International Application No | :PCT/US2010/039677 | (72)Name of Inventor : |
| Filing Date | :23/06/2010 | 1)MELLO Sarita V. |
| (87) International Publication No | :WO/2011/162756 | 2)ARVANITIDOU Evangelia |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(54) Title of the invention : THERAPEUTIC ORAL COMPOSITION

(57) Abstract :

Disclosed are therapeutic oral compositions useful in the treatment of a variety of oral disorders in which the ocmposition can provide blockage of dentinal tubes while at the same time provide antibacterial and anti-caries efficacy. The compositions include arginine in free or salt form a mucoadhesive polymer and at least one component selected from pyrophosphates zinc salts potassium salts strontium salts and mixtures thereof.

No. of Pages : 28 No. of Claims : 19

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

(43) Publication Date : 18/03/2016

| (54) Title of the invention : ORAL HEAL | TH INDEX | |
|---|--|---|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country | :A61K :NA :NA :NA | (71)Name of Applicant : 1)COLGATE-PALMOLIVE COMPANY Address of Applicant :300 Park Avenue New York New York 10022 USA U.S.A. |
| (86) International Application No Filing Date(87) International Publication No | :PCT/US2010/040508 :30/06/2010 :WO/2012/005719 | (72)Name of Inventor : 1)SREENIVASAN Prem |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

Methods of measuring a subjectTMs Ayurvedic oral health are disclosed. The methods include examining the subject and assigning a health score for each of one or more Ayurvedic oral health parameters. The scores can be used to compare the Ayurvedic oral health of different populations to assess changes in a subjectTMs Ayurvedic oral health and to assess the efficacy of Ayurvedic treatments.

No. of Pages : 15 No. of Claims : 14

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

(43) Publication Date : 18/03/2016

(54) Title of the invention : CHARGING CONNECTOR

| (51) International classification | :H01J | (71)Name of Applicant : |
|---|--------------------|---|
| (31) Priority Document No | :2010-119526 | 1)SUZUKI MOTOR CORPORATION |
| (32) Priority Date | :25/05/2010 | Address of Applicant :300 Takatsuka-Cho Minami-Ku |
| (33) Name of priority country | :Japan | Hamamatsu-Shi Shizuoka-ken 432-8611 Japan Japan |
| (86) International Application No | :PCT/JP2011/061811 | (72)Name of Inventor : |
| Filing Date | :24/05/2011 | 1)HARA Nobuhiko |
| (87) International Publication No | :WO/2011/148919 | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A charging connector includes a connector connecting portion which is arranged in an inside of the opening portion and to which a plug of a cable for charging the battery of the vehicle is connected an outer lid member that covers the opening portion an arm made of resin axially supported on the inside of the opening portion and bent to detour an edge of the opening portion and an outer lid hinge acts to pivot the arm in a plane substantially orthogonal to a plane formed by the opening portion. The arm includes an extending portion connected formed so as to draw an arcuate shape with the outer lid hinge being a center thereof and a base (root) portion and the opening portion is formed in a substantially arcuate shape at least in a vicinity of the arm.

No. of Pages : 31 No. of Claims : 4

(19) INDIA

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

(43) Publication Date : 18/03/2016

(54) Title of the invention : ENCAPSULATION OF INGREDIENTS IN LACTOSE MATRIX TO FORM ACTIVE ENCAPSULATES

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :NA :NA :NA | (71)Name of Applicant : 1)COLGATE-PALMOLIVE COMPANY Address of Applicant :300 Park Avenue New York NY 10022 USA U.S.A. (72)Name of Inventor : 1)FRUGE Linh 2)HEPLER Barbara 3)COLLINS Michael 4)BOYD Thomas |
|---|-------------------|---|
|---|-------------------|---|

(57) Abstract :

An oral care composition and method are described in which the composition includes lactose matrix encapsulates entrained in a carrier. The encapsulates may further comprise oral care and/or personal care ingredients.

No. of Pages : 21 No. of Claims : 15

(21) Application No.10175/DELNP/2012 A

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

(43) Publication Date : 18/03/2016

| (51) International classification | :C07C | (71)Name of Applicant : |
|--|--------------------|--|
| (31) Priority Document No | :NA | 1)COLGATE-PALMOLIVE COMPANY |
| (32) Priority Date | :NA | Address of Applicant :300 Park Avenue New York New |
| (33) Name of priority country | :NA | York 10022 USA U.S.A. |
| (86) International Application No | :PCT/US2010/040507 | (72)Name of Inventor : |
| Filing Date | :30/06/2010 | 1)BOYD Thomas |
| (87) International Publication No | :WO 2012/002945 | 2)GU Ben |
| (61) Patent of Addition to Application | :NA | 3)LEIGH Leonora |
| Number | | |
| Filing Date | .INA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| Filing Date (62) Divisional to Application Number | | |

(54) Title of the invention : MULTILAYER FILMS FOR DELIVERY OF FLAVOR

(57) Abstract :

An oral care composition having enhanced flavor release comprising an orally acceptable carrier containing a first flavor and a multilayer film for extended or delayed flavor release the multilayer film including at least a center layer containing a second flavor the center layer positioned between two outer surface layers each surface layer including a release modulating agent the first and second flavor being the same or different.

No. of Pages : 50 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :23/11/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : COOLER ARRANGEMENT FOR A VEHICLE POWERED BY A SUPERCHARGED COMBUSTION ENGINE •

| (51) International classification | :C13H | (71)Name of Applicant : |
|--|--------------------|--|
| (31) Priority Document No | :1050516-2 | 1)SCANIA CV AB |
| (32) Priority Date | :25/05/2010 | Address of Applicant :S-151 87 Sdertlje Sweden |
| (33) Name of priority country | :Sweden | (72)Name of Inventor : |
| (86) International Application No | :PCT/SE2011/050593 | 1)ZOLTAN KARDOS |
| Filing Date | :11/05/2011 | 2)KLINGBERGGREN |
| (87) International Publication No | :WO/2011/149409 | |
| (61) Patent of Addition to Application | :NA | |
| Number | :NA :NA | |
| Filing Date | INA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | |

(57) Abstract :

The present invention relates to a cooler arrangement for a vehicle which is powered by a supercharged combustion engine. The vehicle comprises at least one charge air cooler (10) for cooling of compressed air which is led to the combustion engine (2), and an energy recovery system. The vehicle comprises also a cooler arrangement comprising a first cooling circuit with a first cooler (20) adapted to cooling a circulating coolant, a second cooling circuit with a second cooler (26) adapted to cooling a circulating coolant to a lower temperature than the temperature to which the coolant is cooled in the first cooler (20), and a third cooling circuit with a third cooler (29) adapted to cooling a circulating coolant to a lower temperature to which the coolant is cooled in the temperature to which the coolant is cooler (26). The coolant which has been cooled in the third cooling circuit is used to cool the compressed air in the charge air cooler (10) and/or the medium in the condenser (45).

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

(19) INDIA

(22) Date of filing of Application :23/11/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : COOKING UTENSIL WITH A DEFORMATION-FREE BASE AND METHOD FOR PRODUCING SAID COOKING UTENSIL

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Eiling Date | :749/10 :25/04/2010 :Switzerland :PCT/CH2011/000089 :20/04/2011 :WO/2011/134093 :NA :NA :NA | (71)Name of Applicant : 1)JOHAN LAUBSCHER Address of Applicant :C/o Arun Holdings (Pty) Ltd. Sir Lowrys Pass Road 7133 Sommerset West South Africa (72)Name of Inventor : 1)DUSKO MARAVIC 2)SEBASTIAN RASTBERGER |
|---|---|--|
| Filing Date | :NA | |

(57) Abstract :

to The utensil with deformation free base is different in that it is formed of a drawn multilayer. 5 specially designed sheet metal plates and is characterized by the base, consisting of a thin sheet metal plate (1-1), which comes in contact with food, a separate heat conductive inner plate (1-2-1) and a metal plate (1-x), all connected with each other and a 10 metal utensil wall (4) consisting of several layers (1-1), (1-2 --2) and (1.--x) which are mechanically connected to each other. 2. The method for manufacturing utensils with deformation free base is different in that, a layer 15 formed from multiple plates, at least one designed as a multi-piece with different thickness of rounded blanks, nested in drawn shells, connected metallically together only in the base area,

No. of Pages : 32 No. of Claims : 2

(22) Date of filing of Application :23/11/2012

(21) Application No.10234/DELNP/2012 A

(43) Publication Date : 18/03/2016

(54) Title of the invention : SOLAR CONTROL GLAZING

| (51) International classification | :A47J | (71)Name of Applicant : |
|---|--------------------|--|
| (31) Priority Document No | :be 2010/0311 | 1)AGC GLASS EUROPE |
| (32) Priority Date | :25/05/2010 | Address of Applicant : Chaussee de La Hulpe 166 B-1170 |
| (33) Name of priority country | :Belgium | Bruxelles (Watermael-Boitsfort) Belgium |
| (86) International Application No | :PCT/EP2011/058569 | (72)Name of Inventor : |
| Filing Date | :25/05/2011 | 1)KADOSA HEVESI |
| (87) International Publication No | :WO/2011/147875 | 2)JAN SICHA |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A transparent substrate bearing a solar-control multilayer stack comprising three functional 5 layers based on a material that reflects infrared radiation and four dielectric coatings so that each functional layer is surrounded by dielectric coatings, characterized in that the geometric thickness of the second functional layer starting 10 from the substrate is at least 4% less than the geometric thicknesses of the first and third functional. layers.

No. of Pages : 36 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :23/11/2012

(43) Publication Date : 18/03/2016

| (51) International classification | :A47J | (71)Name of Applicant : |
|--|--------------------|--|
| (31) Priority Document No | :be 2010/0310 | 1)AGC GLASS EUROPE |
| (32) Priority Date | :25/05/2010 | Address of Applicant : Chaussee de La Hulpe 166 B-1170 |
| (33) Name of priority country | :Belgium | Bruxelles (Watermael-Boitsfort) Belgium |
| (86) International Application No | :PCT/EP2011/058540 | (72)Name of Inventor : |
| Filing Date | :25/05/2011 | 1)KADOSA HEVESI |
| (87) International Publication No | :WO/2011/147864 | 2)JAN SICHA |
| (61) Patent of Addition to Application | :NA | |
| Number | :NA | |
| Filing Date | | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | |

(54) Title of the invention : SOLAR CONTROL GLAZING WITH LOW SOLAR FACTOR •

(57) Abstract :

A transparent substrate bearing a solar-control multilayer stack comprising at least n functional 5 layers based on a material that reflects infrared radiation and (n+1) transparent dielectric coatings so that each functional layer is surrounded by transparent dielectric coatings, n being greater than or equal to 3, characterized in 10 that the stack comprises at least one absorbent layer of metallic nature that is absorbent in the visible radiation spectrum and is located on the inside of the stack, and in that the ratio of the optical thickness of the transparent dielectric 15 coating positioned between the second and third functional layer, starting from the substrate, to the optical thickness of the final transparent dielectric coating positioned beyond the last functional layer is between 1.25 and 3.0.

No. of Pages : 58 No. of Claims : 25

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

(43) Publication Date : 18/03/2016

(51) International classification (71)Name of Applicant : :A61K (31) Priority Document No **1)BAYER INTELLECTUAL PROPERTY GMBH** :10163615.7 (32) Priority Date Address of Applicant : Alfred-Nobel-Str. 10 40789 Monheim :21/05/2011 (33) Name of priority country :EPO Germany :PCT/EP2011/058107 (72)Name of Inventor : (86) International Application No Filing Date :19/05/2011 **1)ERWIN HACKER** (87) International Publication No :WO/2011/144684 2)HANSJ-RG DIETRICH (61) Patent of Addition to Application **3)CHRISTOPHER HUGH ROSINGER** :NA Number **4)CHIEKO UENO** :NA Filing Date **5)FRANK ZIEMER** (62) Divisional to Application Number :NA 6)GEORG BONFIG-PICARD Filing Date :NA

(54) Title of the invention : HERBICIDAL AGENTS FOR TOLERANT OR RESISTANT RICE CULTURES •

(57) Abstract :

Herbicidal composition for tolerant or resistant rice crops 5 The invention provides herbicide combinations and the use of herbicide combinations for controlling harmful plants in rice crops, characterized in that the herbicide combination in question comprises 10 (A) a herbicide from the group of the compounds of the formula (Al) 0 0 11 11 H3C-_p cZ,HZ,CH-C (Al) OH Ni H2 in which Z represents hydroxyl, -NHCH(CH3)CONI-ICH(CH3)COOH or NHCH(CH3)CCN-IHCH(CH2CH(CH3)z]COOH, 15 or an ester or salt thereof, and (B) a herbicide of the formula (H1) Cl 20 H3CQ in which X represents N or CH and R represents CO2H or a herbicidally active derivative thereof, and the rice crops are tolerant, if appropriate in the presence of safeners, to the herbicides (A) and (B) present in the combination.

No. of Pages : 89 No. of Claims : 14

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

(43) Publication Date : 18/03/2016

| (51) International classification | :H01J | (71)Name of Applicant : |
|--|--------------------|--|
| (31) Priority Document No | :A885/2010 | 1)SIEMENS AKTIENGESELLSCHAFT |
| (32) Priority Date | :01/06/2010 | Address of Applicant :Wittelsbacherplatz 2 80333 Munchen |
| (33) Name of priority country | :Austria | Germany |
| (86) International Application No | :PCT/EP2011/057173 | (72)Name of Inventor : |
| Filing Date | :05/05/2011 | 1)HARALD SCHWEIGERT |
| (87) International Publication No | :WO/2011/151124 | 2)WOLFGANG BOHM |
| (61) Patent of Addition to Application | :NA | |
| Number | :NA | |
| Filing Date | .11A | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | 1 |

(54) Title of the invention : POWER SUPPLY AND METHOD FOR OPERATING THE POWER SUPPLY •

(57) Abstract :

The invention relates to a power supply, to a controller (5), and to a power element (1), wherein a DC compensation voltage (UL) is present at a first output (OUT1) of the power element (1), to which a load (3) having variable current draw can be connected. A second output (OUT2) of the power element (1) is thereby fed through a current measurement device, wherein a rechargeable battery (4) is connected to the said second output (OUT2). A charging current (IL) or discharge current of the rechargeable battery (4) measured by means of the current measuring device is set by controlling the DC compensating voltage (UL). The charging current or discharge current of the rechargeable battery (4) can thereby be determined even without a dedicated UPS assembly.

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

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

(43) Publication Date : 18/03/2016

(51) International classification :C07C (71)Name of Applicant : (31) Priority Document No 1)COLGATE-PALMOLIVE COMPANY :NA (32) Priority Date Address of Applicant :300 Park Avenue New York New :NA (33) Name of priority country York 10022 USA U.S.A. :NA (86) International Application No :PCT/US2010/040509 (72)Name of Inventor: Filing Date 1)BOYD Thomas :30/06/2010 :WO/2012/002946 (87) International Publication No 2)GU Ben (61) Patent of Addition to Application 3)WANG Wei :NA Number 4)LIN Nora :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : FLAVOR RELEASE FROM MULTILAYER FILM DURING BRUSHING

(57) Abstract :

Oral care compositions which provide enhanced flavour release, and which comprise a multilayer film and an orally acceptable carrier. The carrier contains a first flavour and the film has a centre layer containing a second flavour disposed between two outer surface layers. The first and second flavours may be identical or different. Each layer for the film may comprise a film forming polymer, e.g. hydroxypropylmethyl cellulose. The outer layers may comprise a release modulating agent, e.g. polyvinyl acetate or hydroxyethyl cellulose. The carrier may be a dentifrice or mouthwash.

No. of Pages : 37 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : SURGICAL STAPLE CARTRIDGES SUPPORTING NON LINEARLY ARRANGED STAPLES AND SURGICAL STAPLING INSTRUMENTS WITH COMMON STAPLE FORMING POCKETS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :23/09/2011 :WO 2012/044554 :NA :NA | (71)Name of Applicant : 1)ETHICON ENDO SURGERY INC. Address of Applicant :4545 Creek Road Cincinnati OH 45242 U.S.A. (72)Name of Inventor : 1)SHELTON IV Frederick E. 2)SCHALL Christopher J. |
|--|--|--|
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

A surgical staple cartridge and surgical stapling instruments. In various embodiments the surgical staple cartridge comprises a cartridge body fabricated from compressible material that supports at least one line of unformed staples therein. The staples may be oriented in linear and/or non linear arrangements in staple lines. Various forms of staples may be used including staples that have base support members molded or otherwise attached to the base portions of the staples. The surgical stapling instrument has an anvil that is responsive to closing motions to selectively bring the anvil into forming contact with the non moving staples in the compressible staple cartridge body. The anvil may have a common staple pocket that serves to form all of the staples in a single line of staples.

No. of Pages : 318 No. of Claims : 20

(19) INDIA

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

(43) Publication Date : 18/03/2016

| (54) Title of the invention : ELEVATOR ROPE SWAY DETECTION AND VIBRATION MITIGATION | | |
|---|----------------------------|---|
| (54) Title of the invention : ELEVATOR F (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date | :H04N :NA :NA :NA | ON AND VIBRATION MITIGATION (71)Name of Applicant : 1)OTIS ELEVATOR COMPANY Address of Applicant :Ten Farm Springs Farmington Connecticut 06032 USA U.S.A. (72)Name of Inventor : 1)MANGINI Richard J. 2)ROBERTS Randall Keith |
| (62) Divisional to Application NumberFiling Date | :NA :NA | |

(57) Abstract :

An exemplary elevator system includes a first mass that is moveable within a hoistway. A second mass is moveable within the hoistway. A plurality of elongated members couple the first mass to the second mass. At least one damper is positioned to selectively contact at least one of the elongated members if sway occurs. A sensor is associated with the damper. The sensor detects contact between the damper and the at least one of the elongated members. A controller adjusts at least one aspect of elevator system operation responsive to the detected contact.

No. of Pages : 17 No. of Claims : 20

(19) INDIA

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

(43) Publication Date : 18/03/2016

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :B41L :61/345,194 :17/05/2010 :U.S.A. :PCT/US2011/036801 :17/05/2011 :WO/2011/146478 :NA :NA :NA | (71)Name of Applicant : 1)ENVERID SYSTEMS INC. Address of Applicant :141 Hartman Road Newton MA 02459 U.S.A. (72)Name of Inventor : 1)MEIRAV Udi |
|---|---|--|
|---|---|--|

(54) Title of the invention : METHOD AND SYSTEM FOR IMPROVED-EFFICIENCY AIR-CONDITIONING

(57) Abstract :

Systems and methods for circulating air in an enclosed environment are disclosed. An inlet can be provided to receive an outside air from outside of the enclosed environment and an air handling unit coupled to the inlet to receive the outside air through the inlet and configured to receive a circulated air from the enclosed environment. The air handling unit can be configured to affect a temperature of at least one of the received outside air and the received circulated air. Based on the received outside air and the received circulated air, the air handling unit can be further configured to generate air for supplying to the enclosed environment. The current subject matter system can also include an air circulation system configured to circulate the generated air from the air handling unit to the enclosed environment and back to the air handling unit and a scrubbing system coupled to at least one of the air handling unit and the air circulation system and configured to reduce presence of at least one substance in the air supplied to the enclosed environment.

No. of Pages : 33 No. of Claims : 20

(22) Date of filing of Application :23/11/2012

(43) Publication Date : 18/03/2016

(51) International classification :B63H (71)Name of Applicant : (31) Priority Document No :2011-080712 1)KOMATSU LTD. (32) Priority Date Address of Applicant :2-3-6 Akasaka Minato-ku Tokyo 107-:31/03/2011 (33) Name of priority country 8414 Japan :Japan (86) International Application No :PCT/JP2012/057769 (72)Name of Inventor : Filing Date :26/03/2012 **1)KOUCIHI WATANABE** (87) International Publication No :WO/2012/133321 2)KOUYA IIZUKA (61) Patent of Addition to Application **3)TAKAO NAGANO** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : GENERATOR MOTOR COOLING STRUCTURE AND GENERATOR MOTOR •

(57) Abstract :

An object is to, if a coil of a stator of a generator motor is cooled, reduce variations of the cooling states of the coil of the stator. To achieve this, a cooling 5 structure 100 of a generator motor 10 includes a rotor holder 18, a rotor core 17, a first blade 40F and a second blade 40R or The second blade 40R has a recessed coolant holding portion 42R provided on its outer circumference on the opposite side to the rotor core 1.7 and opening radially 10 inward for collecting a coolant, and a drain hole 41R radially penetrating the outer circumference of the coolant holding portion for draining the coolant collected in the coolant holding portion 42R.

No. of Pages : 55 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :23/11/2012

(43) Publication Date : 18/03/2016

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number | :61/331,294 :04/05/2010 :U.S.A. | (71)Name of Applicant : ETHICON LLC Address of Applicant :Road 183 KM 8.3 Hato Industrial Area San Lorenzo PR 00754 U.S.A. (72)Name of Inventor : JEFFREY M. GROSS WILLIAM L. D™AGOSTINO LEV DRUBETSKY ALEXANDER NAIMAGON |
|--|---------------------------------------|---|
| (87) International Publication No(61) Patent of Addition to Application | :WO/2011/140283 :NA | 2)WILLIAM L. D™AGOSTINO 3)LEV DRUBETSKY |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(54) Title of the invention : SELF-RETAINING SYSTEMS HAVING LASER-CUT RETAINERS •

(57) Abstract :

Self-retaining suture systems including a suture thread bearing a plurality of laser-cut retainers are disclosed. A laser system allows the creation of retainers and self-retaining suture systems in configurations which are difficult and/or impossible to achieve using mechanical cutting technology.

No. of Pages : 62 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : MEASUREMENT SYSTEM AND METHOD

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No | ¹ :PCT/US2011/047889 | (71)Name of Applicant : 1)FIRST SOLAR INC. Address of Applicant :28101 Cedar Park Boulevard Perrysburg OH 43551 U.S.A. (72)Name of Inventor : 1)CONLEY Joshua 2)MURPHY Stephen |
|--|---------------------------------|--|
| Filing Date | :16/08/2011 | |
| (87) International Publication No | :WO 2012/024278 | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

A method of measuring planar defects in a substrate may include positioning a sensor proximate to an area configured to receive a substrate.

No. of Pages : 20 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : PHOTOVOLTAIC DEVICE

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :U.S.A. :PCT/US2011/047735 :15/08/2011 :WO 2012/021884 :NA :NA | (71)Name of Applicant : 1)FIRST SOLAR INC. Address of Applicant :28101 Cedar Park Boulevard Perrysburg Ohio 43551 U.S.A. (72)Name of Inventor : 1)BULLER Benyamin 2)DAUSON Douglas 3)LEE Chungho 4)MILLS Scott 5)ROBERTS Dale 6)SHAO Rui 7)ZHAO Zhibo 8)BURROWS Keith J. 9)KRISKO Annette |
|---|---|--|
|---|---|--|

(57) Abstract :

A multilayered structure including a first barrier layer (101a) adjacent to a substrate (100) a barrier bi layer adjacent to the first barrier layer the barrier bi layer comprising a second barrier layer (101b) and a third barrier layer (101c) a transparent conductive oxide layer (112) adjacent to the barrier bi layer and a buffer layer (114) adjacent to the transparent conductive oxide layer and a method of forming the same are described. The barrier layer structure has a plurality of barrier layers being alternating layers of low refractive index material and high refractive index material. The multilayered structure may serve as a front contact for photovoltaic devices.

No. of Pages : 25 No. of Claims : 47

(19) INDIA

(22) Date of filing of Application :23/11/2012

(43) Publication Date : 18/03/2016

| (51) International classification | :B64C | (71)Name of Applicant : |
|--|--------------------|---|
| (31) Priority Document No | :61/350,262 | 1)CATERPILLAR GLOBAL MINING LLC |
| (32) Priority Date | :01/06/2010 | Address of Applicant :6744 S. HOWELL AVENUE OAK |
| (33) Name of priority country | :U.S.A. | CREEK WISCONSIN 53154 U.S.A. U.S.A. |
| (86) International Application No | :PCT/US2011/038060 | (72)Name of Inventor : |
| Filing Date | :26/05/2011 | 1)WIRKUS JOSEPH J. |
| (87) International Publication No | :WO 2011/153053 | 2)STANSKI GUIDO |
| (61) Patent of Addition to Application | :NA | 3)ESCH UWE |
| Number | :NA | |
| Filing Date | .1 17 1 | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | |

(54) Title of the invention : CRAWLER TRACK TENSIONING ASSEMBLY

(57) Abstract :

A track tensioning assembly rotatably supports an idler wheel and actuator to simplify maintenance and repair. The track tensioning assembly can be provided in a crawler tack assembly forming part of a work machine and includes a sliding frame with an idler wheel rotatably mounted on the sliding frame. A hydraulic actuator including a cylinder is mounted to the sliding frame. A ram extends from the cylinder away from the idler wheel and includes a rod port extending through the ram for supplying hydraulic fluid to the actuator. Fig.1

No. of Pages : 14 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :23/11/2012

(43) Publication Date : 18/03/2016

| (54) Title of the invention : METHODS F | OR DETECTING ANTI | BODIES • |
|---|--------------------|--|
| | | |
| (51) International classification | :C12N | (71)Name of Applicant : |
| (31) Priority Document No | :10305455.7 | 1)THERADIAG SA |
| (32) Priority Date | :29/04/2010 | Address of Applicant :4-6 Boulevard de Beaubourg F-77183 |
| (33) Name of priority country | :EPO | Croissy-beaubourg France France |
| (86) International Application No | :PCT/EP2011/056732 | (72)Name of Inventor : |
| Filing Date | :28/04/2011 | 1)PARUSSINI Ermis |
| (87) International Publication No | :WO/2011/135024 | 2)NOGUIER Guillaume |
| (61) Patent of Addition to Application | :NA | |
| Number | :NA :NA | |
| Filing Date | .11/A | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | · |

(57) Abstract :

The present invention relates to methods of detecting Anti-Drug Antibodies. The present invention also relates to methods of monitoring patients undergoing therapeutic antibody treatment. The invention further relates to kits suitable for the implementation of the above methods.

No. of Pages : 56 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :23/11/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : POLYPEPTIDE HAVING SWOLLENIN ACTIVITY AND USES THEREOF

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :PCT/EP2011/060569 :23/06/2011 :WO 2012/000887 :NA :NA | (71)Name of Applicant : 1)DSM IP ASSETS B.V. Address of Applicant :Het Overloon 1 NL 6411 TE Heerlen Netherlands (72)Name of Inventor : 1)SCHOONEVELD BERGMANS Margot Elisabeth Francoise 2)HEIJNE Wilbert Herman Marie 3)VLASIE Monica Diana 4)DAMVELD Robbertus Antonius |
|--|--|---|
|--|--|---|

(57) Abstract :

The invention relates to a polypeptide comprising the amino acid sequence set out in SEQ ID NO: 2 or an amino acid sequence encoded by the nucleotide sequence of SEQ ID NO: 1 or a variant polypeptide or variant polynucleotide thereof wherein the variant polypeptide has at least 73% sequence identity with the sequence set out in SEQ ID NO: 2 or the variant polynucleotide encodes a polypeptide that has at least 73% sequence identity with the sequence set out in SEQ ID NO: 2. The invention features the full length coding sequence of the novel gene as well as the amino acid sequence of the full length functional polypeptide and functional equivalents of the gene or the amino acid sequence. The invention also relates to methods for using the polypeptide in industrial processes. Also included in the invention are cells transformed with a polynucleotide according to the invention suitable for producing these proteins.

No. of Pages : 83 No. of Claims : 25

(19) INDIA

Filing Date

Filing Date

Filing Date

Number

(87) International Publication No

(61) Patent of Addition to Application

(62) Divisional to Application Number

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

1)PRASAD Vijaysai

3)SUBBIAH Alagarsamy

5)MADHAVAN Narain

4)BHATTACHARYYA Arjun

2)KALAKODIMI Rajendra Prasad

(51) International classification:C02F1/40(71)Name of Applicant :(31) Priority Document No:NA1)GENERAL ELECTRIC COMPANY(32) Priority Date:NAAddress of Applicant :1 River Road Schenectady New York(33) Name of priority country:NANew York 12345 U.S.A.(86) International Application No:PCT/IN2010/000648(72)Name of Inventor :

| (54) Title of the invention : TREATMENT FOR MOLASSES SPE | ENT WASH AND OTHER WASTEWATERS |
|--|--------------------------------|
| | |

:28/09/2010

:NA

:NA

:NA

:NA

:WO 2012/042524

(57) Abstract : A process and apparatus uses multiple stages or unit processes to treat wastewater such as distillery spent wash which may be molasses spent wash (MSW). The stages include one or more of anaerobic digestion chemical treatment electrocoagulation aerobic treatment physical separation and RO or adsorbent based treatment. A chemical treatment for the effluent from an anaerobic digester treating MSW is described. In an electrocoagulation step a stable cathode is used to also provide electroflotation and hardness precipitation. Aerobic biological treatment and physical separation may be provided by a membrane bioreactor.

No. of Pages : 18 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : POLYAMIDE COMPOSITE STRUCTURES AND PROCESSES FOR THEIR PREPARATION

| (51) International classification | n:B32B5/26,B32B27/12,B32B27/34 | (71)Name of Applicant : |
|-----------------------------------|--------------------------------|---|
| (31) Priority Document No | :61/408166 | 1)E. I. DU PONT DE NEMOURS AND COMPANY |
| (32) Priority Date | :29/10/2010 | Address of Applicant :1007 Market Street Wilmington |
| (33) Name of priority country | :U.S.A. | Delaware 19898 U.S.A. |
| (86) International Application | :PCT/US2011/057946 | (72)Name of Inventor : |
| No | :27/10/2011 | 1)ELIA Andri E. |
| Filing Date | .27/10/2011 | 2)KIRCHNER Olaf Norbert |
| (87) International Publication | :WO 2012/058346 | 3)MESAROS David V. |
| No | . WO 2012/03/03/40 | 4)WAKEMAN Martyn Douglas |
| (61) Patent of Addition to | :NA | 5)YUAN Shengmei |
| Application Number | :NA | |
| Filing Date | .1 1/2 | |
| (62) Divisional to Application | :NA | |
| Number | :NA | |
| Filing Date | .1.11.1 | |

(57) Abstract :

The present invention relates to the field of composite structures and processes for their preparation particularly it relates to the field of polyamide composite structures. The disclosed composite structures comprise a surface which surface has at least a portion made of a surface resin composition and comprise a fibrous material selected from non woven structures textiles fibrous battings and combinations thereof said fibrous material being impregnated with a matrix resin composition wherein the surface resin composition is selected from polyamide compositions comprising a blend of two or more fully aliphatic polyamides having a melting point of at least 250°C and wherein the matrix resin composition is selected from polyamide compositions comprising a blend of at least 250°C.

No. of Pages : 25 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :19/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD FOR INCREASING THE PENETRATION DEPTH OF AN OXYGEN STREAM

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :C21B5/00,C21B7/16,C21B13/00 :A 1422/2010 :25/08/2010 :Austria :PCT/EP2011/062880 :27/07/2011 :WO 2012/025321 :NA :NA | (71)Name of Applicant : 1)SIEMENS VAI METALS TECHNOLOGIES GMBH Address of Applicant :Turmstrae 44 A 4031 Linz Austria (72)Name of Inventor : 1)KEPPLINGER Leopold Werner 2)SCHENK Johannes Leopold 3)MILLNER Robert 4)PLAUL Jan Friedemann 5)WIEDER Kurt 6)WURM Johann |
|---|---|--|
| | :NA :NA | |

(57) Abstract :

The invention relates to a method for increasing the penetration depth of an oxygen stream having a volume flow and a mass flow entering the bed of an iron ore production unit preferably a melt reduction unit or melter gasifier or an oxygen blowing furnace said stream comprising technically pure oxygen for gasifying carbon carriers present in the bed characterized in that the ratio of volume flow to mass flow of the oxygen stream is increased.

No. of Pages : 24 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : INSECTICIDAL PYRROLIDIN YL ARYL CARBOXAMIDES

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition t Application Number Filing Date (62) Divisional to Application Number Filing Date (52) Abstract i | :C07D207/08,C07D401/04,C07D409/10 :10186477.5 :05/10/2010 :EPO :PCT/EP2011/067224 :03/10/2011 :WO 2012/045700 ^o :NA :NA :NA | (71)Name of Applicant : 1)SYNGENTA PARTICIPATIONS AG Address of Applicant :Schwarzwaldallee 215 CH 4058 Basel Switzerland (72)Name of Inventor : 1)CASSAYRE Jr'me Yves 2)RENOLD Peter 3)EL QACEMI Myriem 4)BERTHON Guillaume |
|---|---|--|
|---|---|--|

(57) Abstract :

The invention relates to compounds of formula (I): where A1, A2, A3, A4, G1, R1, R2, R3 and R4 are as defined in claim 1; or a salt or N-oxide thereof. Furthermore, the present invention relates to processes and intermediates for preparing compounds of formula (I), to insecticidal, acaricidal, nematicidal and molluscicidal compositions comprising the compounds of formula (I) and to methods of using the compounds of formula (I) to control insect, acarine, nematode and mollusc pests.

No. of Pages : 145 No. of Claims : 17

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : INSTALLATION FOR CONVEYING ELECTRICAL SIGNALS BETWEEN A FIRST TRIAXIAL CABLE AND A SECOND TRIAXIAL CABLE

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application | :10175822.5 :08/09/2010 :EPO :PCT/IB2011/053906 :07/09/2011 :WO 2012/032474 | (71)Name of Applicant : 1)INTERLEMO HOLDING S.A. Address of Applicant :Chemin des Champs Courbes 28 CH 1024 Ecublens Switzerland (72)Name of Inventor : 1)WORDSWORTH Gary 2)JENKINS Keith 3)LONGHURST Philip |
|---|--|--|
| (87) International Publication No (61) Patent of Addition to Application | :WO 2012/032474 | 2)JENKINS Keith |
| Number | :NA | 3)LONGHURST Philip |
| Filing Date (62) Divisional to Application Number | :NA | 4)HAMBLIN Christopher |
| Filing Date | :NA | 5)FOSTER Gareth |

(57) Abstract :

The present invention relates to an improved installation for conveying electrical signals carried by a first triaxial cable (2) to a second triaxial cable (6) and vice versa. It comprises: a first interface (3) between the first triaxial cable (2) and a fibre optic cable (4) and a second interface (5) between the fibre optic cable (4) and the second triaxial cable (6). A television camera (7) is connected to a remote camera control unit (1) via this installation. The first triaxial cable (2) connects the camera control unit (1) with the first interface (3). The first interface (3) comprises a first adapter converting electrical signals conveyed by the first triaxial cable (2) to optical signals. The fibre optic cable (4) transmits optical signals to the second triaxial cable (6) transmits the electrical signals to the television camera (7). A mirror image of the adapters allows transmitting electrical signals from the camera (7) to the camera control unit (1). The interfaces comprise A/D converters and D/A converters repectively adapted to convert analogue signals.

No. of Pages : 30 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : OIL COOLED GAS COMPRESSOR

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number | :F04C29/04,F04C18/16,F04C29/02 :2010190761 :27/08/2010 :Japan :PCT/JP2011/068084 :08/08/2011 :WO 2012/026317 :NA :NA | (71)Name of Applicant : 1)HITACHI INDUSTRIAL EQUIPMENT SYSTEMS CO. LTD. Address of Applicant :3 Kanda Neribei cho Chiyoda ku Tokyo 1010022 Japan (72)Name of Inventor : 1)TAKANO Masahiko 2)TANAKA Hideharu |
|---|--|--|
| Filing Date (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

An oil cooled gas compressor provided with: a compressor body (3); an oil separator (6) that separates out oil from a compressed gas; a gas pipe (8) for sending said compressed gas from which oil has been separated out by the oil separator to a user; and an oil pipe (7) for returning to the compressor the oil separated out by the oil separator. The following are also provided: an air cooled heat exchanger (13) for cooling the aforementioned oil; a controllable speed cooling fan (14) for blowing cooling air at said air cooled heat exchanger; and a waste heat recovery heat exchanger (10) provided upstream of the air cooled heat exchanger for recovering heat from the oil flowing through the abovementioned oil pipe. The speed of the cooling fan is controlled so as to bring the temperature of the compressed gas discharged from the compressor body to within a prescribed range. This makes it possible both to recover waste heat from oil heated by being used to cool the compressor and to minimize compressor temperature fluctuations even if the load on the waste heat recovery equipment varies.

No. of Pages : 39 No. of Claims : 14

(22) Date of filing of Application :23/11/2012

(43) Publication Date : 18/03/2016

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application | :02/05/2011 :WO/2011/139951 | (71)Name of Applicant : 1)JANSSEN PHARMACEUTICA NV Address of Applicant :Turnhoutseweg 30 B-2340 Beerse Belgium (72)Name of Inventor : 1)JOHN M. KEITH 2)JING LIU |
|---|--------------------------------|---|
| | | 8 |
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| Filing Date | :02/05/2011 | 1)JOHN M. KEITH |
| (87) International Publication No | :WO/2011/139951 | 2)JING LIU |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(54) Title of the invention : MODULATORS OF FATTY ACID AMIDE HYDROLASE •

(57) Abstract :

4-(2,2-Difluoro-benzo[1,3]dioxol-5-ylmethyl)-piperazine-1 -carboxylic acid (4-chloro-pyridin-3-yl)-amide is described, which is useful as a FAAH modulator. 4-(2,2-Difluoro-benzo[1,3]dioxol-5-ylmethyl)-piperazine-1 -carboxylic acid (4-chloro-pyridin-3-yl)-amide may be used in pharmaceutical compositions and methods for the treatment of disease states, disorders, and conditions mediated by fatty acid amide hydrolase (FAAH) activity, such as anxiety, pain, inflammation, sleep disorders, eating disorders, energy metabolism disorders, and movement disorders (e.g., multiple sclerosis). A method of synthesizing 4- (2,2-difluoro-benzo[1,3]dioxol-5-ylmethyl)-piperazine-1 -carboxylic acid (4- chloro-pyridin-3-yl)-amide is also disclosed.

No. of Pages : 39 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :23/11/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD BASE STATION TERMINAL AND COMMUNICATION SYSTEM FOR SELECTING A COMPONENT CARRIER •

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :H04N :201010162530.8 :30/04/2010 :China :PCT/CN2011/072406 :02/04/2011 : NA :NA :NA :NA :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)YUXIN WEI |
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(57) Abstract :

A method, base station, terminal and communication system for selecting a component carrier are provided in the present invention. The method includes the following steps: determining the coverage range of each available carrier which can be used by the terminal; determining whether the distribution of the coverage ranges of all available carriers accords with a preset distribution mode; in the case of according with the presetting distribution mode, at least according to a rule which is determined by the distribution mode, determining a component carrier to be used. With the embodiments provided in the invention, a component carrier used by the terminal can be reasonably chosen.

No. of Pages : 76 No. of Claims : 39

(19) INDIA

(22) Date of filing of Application :23/11/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 5-SUBSTITUTED-8-ALKOXY[1 2 4]TRIAZOLO[1 5-C]PYRIMIDIN-2-AMINES

(57) Abstract :

5-Substituted-8-alkoxy[1,2,4]triazolo[1,5-c]pyrimidin-2-amines are manufactured from 2-substituted-4-amino-5-methoxypyrimidines in a process that avoids hydrazine and cyanogen halide.

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

(19) INDIA

(22) Date of filing of Application :23/11/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : DESAZADESFERROTHIOCIN AND DESAZADESFERROTHIOCIN POLYETHER ANALOGUES AS METAL CHELATION AGENTS •

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :C12P :61/331,138 :04/05/2010 :U.S.A. :PCT/US2011/035211 :04/05/2011 :WO/2011/140232 :NA :NA :NA :NA | (71)Name of Applicant : SHIRE LLC Address of Applicant :9200 Brookfield Court Florence Kentucky 41042-2969 U.S.A. (72)Name of Inventor : JAMES W. MALECHA |
|---|--|--|
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(57) Abstract :

Disclosed herein are new compounds of desazadesferrothiocin polyether (DADFT-PE) analogues, as well as pharmaceutical compositions comprising them and their application as metal chelation agents for the treatment of disease. Methods of chelation of iron and other metals in a human or animal subject are also provided for the treatment of metal overload and toxicity.

No. of Pages : 98 No. of Claims : 40

(19) INDIA

(22) Date of filing of Application :23/11/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : COORDINATE MEASURING MACHINE WITH INTERCHANGEABLE TASK MODULE **COUNTERWEIGHT** •

(57) Abstract :

A method of operating a coordinate positioning apparatus comprising an articulated head having at least one rotational axis. The method comprises, in any suitable order, loading at least one interchangeable task module onto the articulated head; and loading at least one interchangeable task module counterweight on the articulated head. The at least one interchangeable task module counterweight at least partially counterbalances the weight of the at least one task module on the articulated head about the at least one axis.

No. of Pages : 44 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :21/02/2013

(43) Publication Date : 18/03/2016

(57) Abstract :

There is described a hand-held, electronically controlled injection device (1) for injecting preset doses of liquid medications, having a housing (2) for receiving a cartridge (4) containing the liquid medication and having a contact surface (16) for contacting a patients skin; and actuator means (41) for moving the cartridge (4) within the housing (2) to and from the contact surface (16).

No. of Pages : 50 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :12/12/2014

(43) Publication Date : 18/03/2016

| (54) Title of the invention : JUICER | | |
|---|---|--|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :A47J19/02 :1020120071162 :29/06/2012 :Republic of Korea :PCT/KR2013/005675 :27/06/2013 :WO 2014/003447 :NA :NA :NA :NA | (71)Name of Applicant : 1)KIM Young Ki Address of Applicant :1/3 427 7 Pungyu dong Gimhae si Gyeongsangnam do 621 130 Republic of Korea (72)Name of Inventor : 1)KIM Young Ki |

(57) Abstract :

The present invention relates to a juicer in which: a driving shaft hole having a driving shaft inserted therein is formed on the lower part of a rotary brush which is mounted between an inner wall of a housing and an outer wall of a net drum and has opened upper and lower surfaces and has a net brush for brushing the outer wall of the net drum so that the driving shaft hole is rotationally mounted on a body; and a screw is arranged inside the net drum and has a screw spiral formed on the outer surface thereof wherein a screw coupling protrusion or a screw coupling groove is formed on the upper part of the screw and a rotary brush coupling groove or a rotary brush coupling protrusion is formed on the upper part of the rotary brush such that the screw coupling protrusion and the rotary brush coupling groove are coupled or the screw coupling groove and the rotary brush coupling protrusion are coupled in such a manner that the rotary brush is directly rotated by the screw during the rotation of the screw thereby reducing a failure rate caused by damage to or wearing down of components such as gears and the like and providing a simple and easy assembling operation.

No. of Pages : 58 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : ORAL CARE IMPLEMENT (51) International classification :A46B3/22,A46B9/04,A46B9/06 (71)Name of Applicant : 1)COLGATE PALMOLIVE COMPANY (31) Priority Document No :NA (32) Priority Date Address of Applicant :300 Park Avenue New York NY 10022 :NA (33) Name of priority country :NA U.S.A. (86) International Application No:PCT/US2010/050961 (72)Name of Inventor: Filing Date :30/09/2010 1)LEE David (87) International Publication No :WO 2012/044312 (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

An oral care implement such as a toothbrush includes a head and a plurality of Sooth cleaning elements supported by the toothbrush head. The tooth cleaning elements preferably include an elastomeric scrubbing element having a base portion and a tooth engaging portion comprising a plurality of cleansing members circumferentially spaced apart on the base portion. In one embodiment, the base portion has a circumferentially continuous sidewall to stiffen the scrubbing element. The cleansing members project outwards and preferably upwards from the base portion in one embodiment to collectively define a central cavity for retaining dentifrice. Embodiments of the oral care implement may include a circular bristle field arranged circumferentially around and associated with the scrubbing element.

No. of Pages : 29 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : BUPRENORPHINE ANALOGS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to | :21/09/2010 :U.S.A. :PCT/IB2011/002208 :20/09/2011 :WO 2012/038813 :NA :NA | (71)Name of Applicant : 1)PURDUE PHARMA L.P. Address of Applicant :One Stamford Forum 201 Tresser Boulevard Stamford CT 06901 3431 U.S.A. (72)Name of Inventor : 1)KYLE Donald J. 2)TAFESSE Laykea |
|--|--|--|
| Application Number Filing Date | :NA :NA | |

(57) Abstract :

The present invention is directed to Buprenorphine Analog compounds of the Formula (I), Formula (IA) or Formula (IB) shown below, wherein R1, R2, R8, R, R 3, G, X, Z and Y are as defined herein. Compounds of the Invention are useful for treating pain, constipation, and other conditions modulated by activity of opioid and ORL-1 receptors.

No. of Pages : 619 No. of Claims : 88

(19) INDIA

(22) Date of filing of Application :22/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : COATED METAL PLATE HAVING EXCELLENT CONDUCTIVITY AND CORROSION RESISTANCE

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application | :B32B15/08,B05D5/12,B05D7/14 :2010196902 :02/09/2010 :Japan :PCT/JP2011/070414 :01/09/2011 :WO 2012/029988 :NA :NA | (71)Name of Applicant : NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan (72)Name of Inventor : YAMAOKA Ikuro 2)MORISHITA Atsushi |
|---|--|---|
| | :NA :NA | |

(57) Abstract :

Provided is a coated metal plate which exhibits excellent conductivity and corrosion resistance, and which can be manufactured at a low cost. The present invention is a conductive and corrosion resistant coated metal plate wherein: a coating film (α) is formed on at least one surface of a metal plate, said coating film containing an organic resin (A) and non-oxide ceramic particles (B) selected from silicides, nitrides, carbides, and borides having an electrical resistivity at 25°C of 0.1x10-6 - 185x10-6 Ω cm; the volume ratio at 25°C of the organic resin (A) and the non-oxide ceramic particles (B) in the coating film (α) is 90:10-99.9:0.1; and the organic resin (A) includes a resin (A1) containing at least one kind of functional group selected from among a carboxyl group and a sulfonic acid group in the structure thereof, or further includes a derivative (A2) of the resin (A1).

No. of Pages : 98 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :05/12/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : SUPER ABRASIVE ELEMENT CONTAINING THERMALLY STABLE POLYCRYSTALLINE DIAMOND MATERIAL AND METHODS AND ASSEMBLIES FOR FORMATION THEREOF

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :C22C26/00 :61/495670 :10/06/2011 :U.S.A. :PCT/US2012/041778 :09/06/2012 :WO 2012/170970 :NA :NA :NA :NA | (71)Name of Applicant : 1)HALLIBURTON ENERGY SERVICES INC. Address of Applicant :10200 Bellaire Boulevard Houston Texas 77072 U.S.A. (72)Name of Inventor : 1)ATKINS Brian 2)ANDERLE Seth G. 3)ARFELE Robert W. 4)LADI Ram L. 5)LINFORD Brandon Paul 6)WIGGINS Jason Keith 7)NGUYEN Kevin Duy 8)QIAN Jiang 9)BERTAGNOLLI Kenneth Eugene 10)SCOTT Shawn Casey 11)MUKHOPADHYAY Debkumar 12)VAIL Michael Alexander |
|---|--|---|
|---|--|---|

(57) Abstract :

The disclosure provides a super abrasive element containing a substantially catalyst free thermally stable polycrystalline diamond (TSP) body having pores and a contact surface a base adjacent the contact surface of the TSP body; and an infiltrant material infiltrated in the base and in the pores of the TSP body at the contact surface. The disclosure additionally provides earth boring drill bits and other devices containing such super abrasive elements. The disclosure further provides methods and mold assemblies for forming such super abrasive elements via infiltration and hot press methods

No. of Pages : 30 No. of Claims : 21

(21) Application No.1559/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : ORIENTED ELECTROMAGNETIC STEEL SHEET AND PROCESS FOR PRODUCTION THEREOF :C21D8/12,H01F1/16 (71)Name of Applicant : (51) International classification 1)NIPPON STEEL & SUMITOMO METAL (31) Priority Document No :2010202394 (32) Priority Date :09/09/2010 CORPORATION (33) Name of priority country :Japan Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku (86) International Application No :PCT/JP2011/070607 Tokyo 1008071 Japan (72)Name of Inventor: Filing Date :09/09/2011 (87) International Publication No :WO 2012/033197 1)SAKAI Tatsuhiko (61) Patent of Addition to Application 2)HAMAMURA Hideyuki :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

This process for producing an oriented electromagnetic steel sheet involves, between a cold-rolling step and a winding step, a groove formation step of irradiating the surface of a silicon steel sheet with a laser beam several times at predetermined intervals in the direction of passing of the beam through the silicon steel sheet (the beam-passing direction) started from one end of the silicon steel sheet in the direction of the width of the silicon steel sheet (the sheet width direction) and ended at the other end of the silicon steel sheet to thereby form a groove along the trajectory of the laser beam, wherein formulae (3) and (4) mentioned below are fulfilled, in which P (W) represents the average intensity of the laser beam, Dl (mm) and Dc (mm) respectively represent the focused spot diameter as determined in the beam-passing direction and the focused spot diameter as determined in the sheet width direction, Up represents the irradiation energy density of the laser beam which is represented by formula (1), and Ip represents the instant power density of the laser beam which is represented by formula (2). Up = $(4/\pi)$ —P/(Dl—Vc) (formula 1) Ip = $(4/\pi)$ —P/(Dl—Dc) (formula 2) $1 \le Up \le 10(J/mm2)$ (formula 3) $100(kW/mm2) \le Ip \le 2000(kW/mm2)$ (formula 4)

No. of Pages : 38 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :21/02/2013

(43) Publication Date : 18/03/2016

(51) International classification :H01L31/068 (71)Name of Applicant : (31) Priority Document No 1)SUNIVA INC. :12/868240 (32) Priority Date Address of Applicant :5775 Peachtree Industrial Boulevard :25/08/2010 (33) Name of priority country Norcross GA 30092 U.S.A. :U.S.A. (86) International Application No :PCT/US2011/036730 (72)Name of Inventor : Filing Date :17/05/2011 **1)MEIER Daniel** (87) International Publication No :WO 2012/027000 2)ROHATGI Ajeet 3)CHANDRASEKARAN Vinodh (61) Patent of Addition to Application :NA Number 4)YELUNDUR Vijay :NA Filing Date **5)DAVIS Hubert Preston** (62) Divisional to Application Number :NA 6)DAMIANI Ben Filing Date :NA

(54) Title of the invention : BACK JUNCTION SOLAR CELL WITH SELECTIVE FRONT SURFACE FIELD

(57) Abstract :

Solar cells and methods for their manufacture are disclosed. An example method may include fabricating an n type silicon substrate and introducing n type dopant to one or more first and second regions of the substrate so that the second region is more heavily doped than the first region. The substrate may be subjected to a single high temperature anneal cycle to form a selective front surface field layer. Oxygen may be introduced during the single anneal cycle to form in situ front and back passivating oxide layers. Fire through of front and back contacts as well as metallization with contact connections may be performed in a single co firing operation. The firing of the back contact may form a p+ emitter layer at the interface of the substrate and back contacts thus forming a p n junction at the interface of the emitter layer and the substrate. Associated solar cells are also provided.

No. of Pages : 31 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :02/03/2013

(43) Publication Date : 18/03/2016

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country | :A61B17/322 :12/851621 :06/08/2010 :U.S.A. | (71)Name of Applicant : 1)MOMELAN TECHNOLOGIES INC. Address of Applicant :90 Sherman Street Cambridge MA 02140 U.S.A. |
|---|---|---|
| (86) International Application No Filing Date | :05/08/2011 | (72)Name of Inventor : 1)SABIR Sameer Ahmed |
| (87) International Publication No(61) Patent of Addition to Application | :WO 2012/019094 :NA | 2)TOLKOFF M. Josh 3)ZIEGLER Andrew |
| Number Filing Date | :NA :NA | 4)LABOMBARD Denis |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(54) Title of the invention : METHODS FOR PREPARING A SKIN GRAFT

(57) Abstract :

The present invention generally relates to methods for preparing a skin graft. In certain embodiments methods of the invention involve harvesting a plurality of skin grafts from a subject applying the grafts to a first substrate stretching the first substrate and transferring the grafts from the first substrate to at least a second substrate for application to a patient recipient site.

No. of Pages : 36 No. of Claims : 46

(19) INDIA

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : OVERMOLDED POLYAMIDE COMPOSITE STRUCTURES AND PROCESSES FOR THEIR PREPARATION

| (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date | :PCT/US2011/057948 :27/10/2011 :WO 2012/058348 :NA :NA | (71)Name of Applicant : 1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant :1007 Market Street Wilmington Delaware 19898 U.S.A. (72)Name of Inventor : 1)YUAN Shengmei 2)ELIA Andri E. 3)KIRCHNER Olaf Norbert 4)WAKEMAN Martyn Douglas |
|--|--|--|
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

The present invention relates to the field of overmolded composites structures and processes for their preparation particularly it relates to the field of overmolded polyamide composite structures. The disclosed overmolded composite structures comprise i) a first component having a surface which surface has at least a portion made of a surface resin composition and comprising a fibrous material selected from non woven structures textiles fibrous battings and combinations thereof said fibrous material being impregnated with a matrix resin composition ii) a second component comprising an overmolding resin composition wherein said second component is adhered to said first component over at least a portion of the surface of said first component and wherein the matrix resin composition and the surface resin composition are identical or different and are selected from polyamide compositions comprising a blend of semi aromatic polyamides

No. of Pages : 29 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :02/03/2013

(43) Publication Date : 18/03/2016

| (54) Title of the invention : METHODS FOR APPLYING A SKIN GRAFT | | |
|---|---|--|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :A61F2/10 :12/851682 :06/08/2010 :U.S.A. :PCT/US2011/046739 :05/08/2011 :WO 2012/019096 :NA :NA :NA :NA | (71)Name of Applicant : 1)MOMELAN TECHNOLOGIES INC. Address of Applicant :90 Sherman Street Cambridge MA 02140 U.S.A. (72)Name of Inventor : 1)SABIR Sameer Ahmed 2)TOLKOFF M. Josh 3)ZIEGLER Andrew |

(57) Abstract :

The present invention generally relates to methods for applying a skin graft. Methods of the invention involve harvesting an epidermal skin graft and applying the epidermal skin graft to a recipient site such that the basal layer of the skin graft makes direct contact with the recipient site.

No. of Pages : 32 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :02/03/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : SETTING THE OPERATING MODE OF A HAZARD WARNING SYSTEM BY MEANS OF AN ELECTRICALLY READABLE BIPOLE IN PARTICULAR A RESISTOR WHICH IS ARRANGED IN A HAZARD WARNING SYSTEM SOCKET

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) Key Market and Application | :PCT/EP2011/066798 :27/09/2011 | (71)Name of Applicant : 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant :Wittelsbacherplatz 2 80333 M¹/₄nchen Germany (72)Name of Inventor : 1)K,,STLI Urs 2)NYIKOS Matthias 3)SCHMID Beat |
|---|-----------------------------------|---|
| (87) International Publication | ⁿ :WO 2012/041868 | 4)STEINER Reto |
| (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :NA :NA :NA :NA | |
| (57) Alexandri | | |

(57) Abstract :

The invention relates to the use of a bipole (R1) that is fitted in a warning system socket (3) for removably receiving a hazard warning system (1) in order to set one of at least two operating modes of the hazard warning system (1). An electric characteristic of the bipole (R1) can be read out electrically by an electronic control (4) of the hazard warning system (1) via two electric contact pairs (X2 Y2; XEA YEA) which are in contact with each other in the received state of the hazard warning system (1). In particular the bipole (R1) is used via at least one pair of electric contacts (XEA YEA) said pair being generally provided for externally connecting an optical and/or acoustic alarm emitter in order to read in the electric characteristic of the bipole (R1). The bipole is preferably a passive electric resistor.

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

(21) Application No.1917/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/03/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : DEVICE FOR CLAMPING A FIXTURE ATTACHMENT TO A WIRE SAW CUTTING MACHINE

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :B23D57/00,B28D5/00 :1817/10 :29/10/2010 :Switzerland :PCT/CH2011/000245 :17/10/2011 :WO 2012/055052 :NA :NA :NA :NA | (71)Name of Applicant : 1)MEYER BURGER AG Address of Applicant :Allmendstrasse 86 CH 3600 Thun Switzerland (72)Name of Inventor : 1)WENGER Andrew |
|---|--|--|
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(57) Abstract :

The device (4) for clamping a fixture attachment (19) to a machine comprises tension rods (20) for fixing the fixture attachment to an adapter piece (21) attached to a machine part whereby the adapter piece (21) is provided at one side of the tension rods with at least a guiding means (22) cooperating with a matching groove (23) at the fixture attachment (19). On the other side of the tension rods a guide bar ((24) is arranged operating with a matching groove (25) in the fixture attachment. Providing the fixture element with a guiding means which can have a prismatic or rectangular end enhances on the one hand the precision of the clamping and of the position of the workpiece within the machine and gives on the other hand the customer the choice to introduce the fixture element in one orientation only or in both orientations under the adapter piece.

No. of Pages : 11 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :01/03/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHODS AND ARRANGEMENTS FOR CONTENTION RESOLUTION IN A COMMUNICATION SYSTEM

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :H04W74/08,H04B7/02 :NA :NA :NA :PCT/SE2010/000229 :22/09/2010 :WO 2012/039651 :NA :NA :NA :NA | (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) Address of Applicant :S 64 83 Stockholm Sweden (72)Name of Inventor : 1)FRENGER Pl 2)ERIKSSON Erik 3)GUNNARSSON Fredrik |
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(57) Abstract :

The present invention relates a User Equipment UE (204) and a Radio Base Station (202 206) and methods therein for contention resolution in general. Based on measured and analyzed measurements of a radio connection establishment response from each of at least a first and a second Radio Base Station a UE receiving said radio connection establishment response can resolve the contention by selecting a RBS based on the received power of a set of DL reference signals as received by the UE of the received power of the radio connection establishment responses on timing of the received sets of reference signals on timing of the radio connection establishment responses on timing of the received sets of reference signals on timing of the radio connection establishment responses on priority level of the RBS to mention a few alternatives.

No. of Pages : 27 No. of Claims : 23

(21) Application No.1942/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 18/03/2016

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date | :61/247,197 :30/09/2009 :U.S.A. | (71)Name of Applicant : 1)TSO3 INC. Address of Applicant :2505, AVENUE DALTON, QUEBEC, QUEBEC, GIP 3S5, CANADA Canada (72)Name of Inventor : 1)DUFRESNE, SYLVIE |
|--|--|--|
| (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on | :WO 2011/038487 :NA :NA :3533/DELNP/2012 :23/04/2012 | 2)VALLIERES, JEAN-MARTIN 3)TREMBLAY, BRUNO |

(54) Title of the invention : HYDROGEN PEROXIDE STERLIZATION METHOD

(57) Abstract :

A method of sterilizing an article by sequentially exposing the article to hydrogen peroxide and ozone is disclosed. The article is exposed under vacuum first to an evaporated aqueous solution of hydrogen peroxide and subsequently to an ozone containing gas. The exposure is carried out without reducing the water vapor content of the sterilization atmosphere, the water vapor content being derived from the aqueous solvent of the hydrogen peroxide solution and from the decomposition of the hydrogen peroxide into water and oxygen. The complete sterilization process is carried out while the chamber remains sealed and without removal of any component of the sterilization atmosphere. For this purpose, the chamber is initially evacuated to a first vacuum pressure sufficient to cause evaporation of the aqueous hydrogen peroxide at the temperature of the chamber atmosphere. The chamber is then sealed for the remainder of the sterilization process and during all sterilant injection cycles. Keeping the chamber sealed and maintaining the hydrogen peroxide and its decomposition products in the chamber for the subsequent ozone sterilization step results in a synergistic increase in the sterilization efficiency and allows for the use of much lower sterilant amounts and sterilization cycle times than would be expected from using hydrogen peroxide and ozone in combination.

No. of Pages : 49 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :04/03/2013

(21) Application No.1943/DELNP/2013 A

(43) Publication Date : 18/03/2016

| (51) International classification | :A61L 2/20 | (71)Name of Applicant : |
|--|--------------------------------|--|
| (31) Priority Document No(32) Priority Date | :61/247,197 :30/09/2009 | 1) TSO3 INC. Address of Applicant :2505, AVENUE DALTON, QUEBEC |
| (32) None of priority country | :U.S.A. | QUEBEC, G1P 3S5, CANADA Canada |
| (86) International Application No | :PCT/CA2010/001518 | (72)Name of Inventor : |
| Filing Date | :29/09/2010 | 1)TREMBLAY, BRUNO |
| (87) International Publication No | :WO 2011/038487 | 2)VALLIERES, JEAN-MARTIN |
| (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :NA :NA :3533/DELNP/2012 | |
| Filed on | :23/04/2012 | |

(54) Title of the invention : HYDROGEN PEROXIDE STERLIZATION METHOD

(57) Abstract :

A method of sterilizing an article by sequentially exposing the article to hydrogen peroxide and ozone is disclosed. The article is exposed under vacuum first to an evaporated aqueous solution of hydrogen peroxide and subsequently to an ozone containing gas. The exposure is carried out without reducing the water vapor content of the sterilization atmosphere, the water vapor content being derived from the aqueous solvent of the hydrogen peroxide solution and from the decomposition of the hydrogen peroxide into water and oxygen. The complete sterilization process is carried out while the chamber remains sealed and without removal of any component of the sterilization atmosphere. For this purpose, the chamber is initially evacuated to a first vacuum pressure sufficient to cause evaporation of the aqueous hydrogen peroxide at the temperature of the chamber atmosphere. The chamber is then sealed for the remainder of the sterilization process and during all sterilant injection cycles. Keeping the chamber sealed and maintaining the hydrogen peroxide and its decomposition products in the chamber for the subsequent ozone sterilization step results in a synergistic increase in the sterilization efficiency and allows for the use of much lower sterilant amounts and sterilization cycle times than would be expected from using hydrogen peroxide and ozone in combination.

No. of Pages : 50 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :10/12/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : SINGLE, MULTI-WALLED, FUNCTIONALIZED AND DOPED CARBON NANOTUBES AND COMPOSITES THEREOF

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on | :B82B3/00 :20040365 :09/03/2004 :Finland :PCT/FI2005/000145 :09/03/2005 : NA :NA :NA :S598/DELNP/2006 :26/09/2006 | (71)Name of Applicant : Canatu Oy Address of Applicant :Konalankuja 5, 00390 Helsinki, Finland (72)Name of Inventor : KAUPPINEN, Esko BROWN, David, P. NASIBULIN, Albert, G. JIANG, Hua |
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(57) Abstract :

The present invention relates to single walled and multi-walled carbon nanotubes (CNTs), functionalized CNTs and carbon nanotube composites with controlled properties, to a method for aerosol synthesis of single walled and multi-walled carbon nanotubes, functionalized CNTs and carbon nanotube composites with controlled properties from pre-made catalyst particles and a carbon source in the presence of reagents and additives, to functional, matrix and composite materials composed thereof and structures and devices fabricated from the same in continuous or batch CNT reactors. The present invention allows all or part of the processes of synthesis of CNTs, their purification, doping, functionalization, coating, mixing and deposition to be combined in one continuous procedure and in which the catalyst synthesis, the CNT synthesis, and their functionalization, doping, coating, mixing and deposition can be separately controlled.

No. of Pages : 44 No. of Claims : 37

(19) INDIA

(22) Date of filing of Application :21/02/2013

(43) Publication Date : 18/03/2016

| (51) International classification:H05K9/00,C01B31/02(31) Priority Document No:2010197347(32) Priority Date:03/09/2010(33) Name of priority country:Japan(86) International Application No:PCT/JP2011/069406Filing Date:29/08/2011(77) International Publication No:WO 2012/029696(61) Patent of Addition to Application:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAKanaka (Kanaka | (71)Name of Applicant : 1)ASAHI ORGANIC CHEMICALS INDUSTRY CO. LTD. Address of Applicant :2 5955 Nakanose cho Nobeoka shi Miyazaki 8828688 Japan 2)Sanwa Yushi Co. Ltd. 3)The Nisshin OilliO Group Ltd. (72)Name of Inventor : 1)KANEIWA Toshihiko 2)TAKAHASHI Takehiko 3)TAKAHASHI Takeshi 4)GOTOU Hiroyuki 5)SHINOHARA Go 6)KUNO Noriyasu 7)IIZUKA Hiroshi |
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(54) Title of the invention : SHEET MATERIAL AND PRODUCTION METHOD OF SAME

(57) Abstract :

To effectively utilize plant residue such as soy bean skin rapeseed meal rice bran rice husk and cacao husk. [Solution] When forming sheet material from the mixture of burned plant material and fibrous material using a wet process sheet production method to use burned rice husk material burned rice bran material burned soy bean skin material material generated by burning the inner skin of peanuts or material generated by burning the side walls of the water conducting tissue of plants for the burned plant material; and for the fibrous material to use either organic fibers derived from thermoplastic resins including polyethylene polypropylene or other polyolefins polyester polyamide vinyl chloride polyacrylonitrile polyvinyl chloride and aramid fiber derived from thermosetting resin including kynol natural fibers such as cotton and wool semi synthetic fibers glass fiber inorganic fibers including carbon fiber metal fibers with electroless plating applied on short fibers including iron copper stainless steel synthetic resins and inorganic materials or the combination of these short fibers.

No. of Pages : 59 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 18/03/2016

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No | :A61L 2/20 :61/247,197 :30/09/2009 :U.S.A. :PCT/CA2010/001518 | (71)Name of Applicant : 1)TSO3 INC. Address of Applicant :2505 AVENUE DALTON, QUEBEC, QUEBEC G1P 3S5, CANADA Canada (72)Name of Inventor : |
|--|---|--|
| Filing Date | :29/09/2010 | (72)Name of Inventor : 1)DUFRESNE, SYLVIE |
| (87) International Publication No | :WO 2011/038487 | 2)MARTEL, CYNTHIA 2)LEDLOND, HELENE |
| (61) Patent of Addition to Application Number | :NA :NA | 3)LEBLOND, HELENE 4)DASSIE, NANCY |
| Filing Date | | 5)MARTEL, KARINE |
| (62) Divisional to Application Number Filed on | :3533/DELNP/2012 :29/09/2010 | |

(54) Title of the invention : STERILIZATION METHOD AND APPARATUS

(57) Abstract :

A method of sterilizing an article by sequentially exposing the article to hydrogen peroxide and ozone is disclosed. The article is exposed under vacuum first to an evaporated aqueous solution of hydrogen peroxide and subsequently to an ozone containing gas. The exposure is carried out without reducing the water vapor content of the sterilization atmosphere, the water vapor content being derived from the aqueous solvent of the hydrogen peroxide solution and from the decomposition of the hydrogen peroxide into water and oxygen. The complete sterilization process is carried out while the chamber remains sealed and without removal of any component of the sterilization atmosphere. For this purpose, the chamber is initially evacuated to a first vacuum pressure sufficient to cause evaporation of the aqueous hydrogen peroxide at the temperature of the chamber atmosphere. The chamber is then sealed for the remainder of the sterilization process and during all sterilant injection cycles. Keeping the chamber sealed and maintaining the hydrogen peroxide and its decomposition products in the chamber for the subsequent ozone sterilization step results in a synergistic increase in the sterilization efficiency and allows for the use of much lower sterilant amounts and sterilization cycle times than would be expected from using hydrogen peroxide and ozone in combination.

No. of Pages : 52 No. of Claims : 15

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

| (54) Title of the invention : STAPLE CA | RTRIDGE | |
|---|---|---|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :A61B17/072 :12/893461 :29/09/2010 :U.S.A. | (71)Name of Applicant : 1)ETHICON ENDO SURGERY INC. Address of Applicant :4545 Creek Road Cincinnati OH 45242 U.S.A. (72)Name of Inventor : 1)HUITEMA Thomas W. 2)SIEBENALER Douglas J. |

(57) Abstract :

A staple cartridge can comprise a plurality of staples positioned within a cartridge body wherein the cartridge body can comprise a tissue contacting deck and a plurality of ridges extending from the tissue contacting deck. The ridges can be configured to prevent or reduce the possibility of tissue from moving relative to the staple cartridge during use. The staple cartridge can further comprise a plurality of staple cavities wherein each staple cavity can comprise an opening in the deck which is at least partially surrounded by a ridge. The ridges can comprise a uniform height or a height which varies along the length thereof. The height can vary relative to a proximal end and a distal end of the cartridge body and/or between the center of the cartridge body and the side.

No. of Pages : 57 No. of Claims : 20

(21) Application No.1615/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/02/2013

(43) Publication Date : 18/03/2016

(51) International classification :F28F1/02,F28F1/12,F28F3/02 (71)Name of Applicant : (31) Priority Document No :61/376356 **1)CARRIER CORPORATION** (32) Priority Date :24/08/2010 Address of Applicant :1 Carrier Place Farmington Connecticut (33) Name of priority country :U.S.A. 06034 U.S.A. :PCT/US2011/047044 (72)Name of Inventor: (86) International Application No Filing Date :09/08/2011 1)TARAS Michael F. (87) International Publication No :WO 2012/027098 2)JOARDAR Arindom (61) Patent of Addition to **3)ESFORMES Jack Leon** :NA Application Number 4)MEHENDALE Sunil S. :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(54) Title of the invention : A HEATEXCHANGER WITH A MICROCHANNEL FIN

(57) Abstract :

A heat exchanger includes a plurality of tubes, each tube configured for a flow of fluid therethrough and one or more fins located between adjacent tubes of the plurality of tubes. The one or more fins are spaced by a fin pitch (Fp) and are configured to improve thermal energy transfer between the plurality of tubes and ambient air. Each fin includes a fin face extending between the adjacent tubes, a substantially planar fin cap connected to the fin face secured to one or the tubes, and a fin radius (Rc) connecting the fin face to the fin cap such that the fin radius is reduced to promote condensate removal from the heat exchanger.

No. of Pages : 16 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :21/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : COMPOSITION AND METHOD TO ALLEVIATE JOINT PAIN USING A MIXTURE OF FISH OIL AND FISH OIL DERIVED CHOLINE BASED PHOSPHOLIPID BOUND FATTY ACID MIXTURE INCLUDING POLYUNSATURATED EPA AND DHA

| classification:A61K35/60,A61K31/122,A61K31//281)U.S. N(31) Priority Document No:12/840372INTERNA Addres(32) Priority Date (33) Name of priority country:21/07/2010U.S.A.(72) Name 1)U.S. N | me of Applicant : S. NUTRACEUTICALS LLC d/b/a VALENSA RNATIONAL dress of Applicant :2751 Nutra Lane Eustis Florida 32726 me of Inventor : S. NUTRACEUTICALS LLC d/b/a VALENSA RNATIONAL |
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(57) Abstract :

Beneficial and synergistic effects for alleviating joint pain and symptoms of osteoarthritis and/or rheumatoid arthritis have been found using a mixture of fish oil and fish oil derived choline based phospholipid bound fatty acid mixture including polyunsaturated EPA and DHA wither alone or in combination with other active constituents including astaxanthin and polymeric hyaluronic acid or sodium hyaluronate (hyaluronan) in an oral dosage form.

No. of Pages : 26 No. of Claims : 45

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : SURGICAL GUIDES

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :PCT/US2011/047670 :12/08/2011 :WO 2012/021857 :NA :NA | (71)Name of Applicant : 1)SMITH & NEPHEW INC. Address of Applicant :1450 Brooks Road Memphis TN 38116 U.S.A. (72)Name of Inventor : 1)BETTENGA Mason James |
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(57) Abstract :

A surgical guide can include a first portion comprising an outer surface configured to conform to a portion of an acetabulum of a particular patient. The first portion can be configured to accommodate the ligamentum teres of the patient. The surgical guide can be configured to receive a second portion that includes an alignment portion defining an alignment axis such that when the surgical guide is coupled to the acetabulum the alignment axis is oriented at a predetermined orientation relative to the acetabulum. The second portion can include a depth limiting feature configured to limit insertion of a guide rod along the axis to a patient specific insertion depth.

No. of Pages : 29 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : A PROCESS FOR SIMULTANEOUS REDUCTION OF PH AND TDS IN TANNERY LIME LIQUOR

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No | :C14C1/06 :NA :NA :NA :NA :NA :NA | (71)Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110 001, INDIA. Delhi India (72)Name of Inventor : 1)YASMIN KHAMBHATY |
|---|---|--|
| (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :NA :NA :NA :NA | 2)KHYATI OJHA |

(57) Abstract :

A process for simultaneous reduction of pH and TDS in tannery lime liquor. Disclosed herein is a biological process for simultaneous reduction of pH and TDS of tannery lime liquor using a bacterial strain of Micrococcus sp. designated as MTCC 5899. pH of the treated lime liquor is found to be in the range of 7.5-8.5. The process ensures a reduction of TDS of the lime liquor by 5 - 98%. It is an eco-benign process to ensure that the hazardous lime liquor does not add to pollution load of the environment. The invention finds application in treating highly polluting lime liquor generated by tanning industry.

No. of Pages : 28 No. of Claims : 10

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

(43) Publication Date : 18/03/2016

(54) Title of the invention : PROCESS AND PRODUCT OF HIGH STRENGTH UHMW PE FIBERS •

| (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :C08F :12/771,856 :30/04/2010 :U.S.A. :PCT/US2011/033866 :26/04/2011 :WO/2011/137093 :NA :NA :NA :NA | (71)Name of Applicant : 1)HONEYWELL INTERNATIONAL INC. Address of Applicant :HONEYWELL INTERNATIONAL INC. U.S.A. (72)Name of Inventor : 1)THOMAS Y. TAM 2)JOHN A. YOUNG 3)QIANG ZHOU 4)CONOR J. TWOMEY 5)CHARLES R. ARNETT |
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(57) Abstract :

An improved process for solution spinning of ultra-high molecular weight polyethylene (UHMW PE) filaments, wherein the 10 wt% solution of the UHMW PE in mineral oil at 250°C has a Cogswell extensional viscosity and a shear viscosity within select ranges.

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

(19) INDIA

(22) Date of filing of Application :18/02/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : DOWNHOLE FLUID FLOW CONTROL SYSTEM HAVING A FLUIDIC MODULE WITH A BRIDGE NETWORK AND METHOD FOR USE OF SAME

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :E21B21/08,E21B34/06,E21B34/16 :13/217738 :25/08/2011 :U.S.A. :PCT/US2012/049671 :05/08/2012 :WO 2013/028335 :NA :NA | (71)Name of Applicant : 1)HALLIBURTON ENERGY SERVICES INC. Address of Applicant :2601 Beltline Road Carrollton TX 75006 U.S.A. (72)Name of Inventor : 1)FRIPP Michael Linley 2)DYKSTRA Jason D. 3)GANO John Charles 4)HOLDERMAN Luke William |
|--|--|---|
| Number Filing Date | :NA :NA | |

(57) Abstract :

A downhole fluid flow control system includes a fluidic module (150) having a main fluid pathway (152) a valve (162) and a bridge network. The valve (162) has a first position wherein fluid flow through the main fluid pathway (152) is allowed and a second position wherein fluid flow through the main fluid pathway (152) is restricted. The bridge network has first and second branch fluid pathways (163 164) each having a common fluid inlet (166 168) and a common fluid outlet (170 172) with the main fluid pathway (152) and each including two fluid flow resistors (174 176 180 182) with a pressure output terminal (178 184) positioned therebetween. In operation the pressure difference between the pressure output terminals (178 184) of the first and second branch fluid pathways (163 164) shifts the valve (162) between the first and second positions.

No. of Pages : 30 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

| (54) Title of the invention : BAG IN BOX | EPUMP SYSTEM | |
|--|---------------------|---|
| (54) Title of the invention : BAG IN BOX (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | | (71)Name of Applicant : 1)PEPSICO INC. Address of Applicant :700 Anderson Hill Road Purchase NY 10577 U.S.A. (72)Name of Inventor : 1)DEO Indrani 2)JERSEY Steven |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

Systems and methods for packaging beverage components and dispensing beverages are provided. Bag in box packages include connectors that contain rotary pumps. Each rotary pump includes a resiliently deformable housing and a rotor that form a plurality of chambers. The bag in box package may be incorporated into a dispenser system that includes a touch screen that allows users to input beverage selections.

No. of Pages : 32 No. of Claims : 20

(22) Date of filing of Application :21/02/2013

| (54) Title of the invention : FRACTAL C | RIFICE PLATE | |
|---|---|---|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :B05B1/14 :61/381425 :09/09/2010 :U.S.A. :PCT/US2011/051128 :09/09/2011 :WO 2012/034106 :NA :NA :NA :NA | (71)Name of Applicant : WELLS William Theo Address of Applicant :2127 Lynch Street St. Louis MO 63118 U.S.A. WELLS William Theo GELVEN Grant WELLS William Theo WELLS William Theo WELLS William Theo GELVEN Grant GELVEN Grant |

(57) Abstract :

A conduit with a terminal end wherein proximate to the terminal end is an orifice plate wherein the orifice plate has at least one orifice with at least one perimeter and the at least one perimeter is in a fractal pattern wherein the conduit can be a nozzle assembly for a flow wherein examples of a nozzle assembly include a fuel injector a shower head a faucet head and a nozzle head wherein proximate to the terminal end of each nozzle is the orifice plate with a fractal pattern that provides a downstream spray pattern.

No. of Pages : 17 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : A FILTER AND DEVICE FOR TREATING AIR

(57) Abstract :

A filter (100) comprising at least one antibacterial layer (101) consisting of nano silver particles and at least one ultraviolet photocatalytic layer (102).

No. of Pages : 13 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :15/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHODS, SYSTEMS AND APPARATUS FOR UTILIZING NON-UTILIZABLE POWER BY MERGING POWER FROM TWO OR MORE POWER SOURCES

(57) Abstract :

The preset disclosure provides methods, systems and apparatus for simultaneous use of Direct Current (DC) power generated by two or more power sources to drive a load, wherein one or more individual power sources by themselves are not able to provide enough power to meet the requirement of the load, but in combination can provide enough power to drive the load. The present disclosure addresses problem by merging power from various sources such that it utilizes the power to the extent that is available from the preferred sources to power part of the load and supply the rest from another power source, in a manner that the end load is unaffected.

No. of Pages : 25 No. of Claims : 13

(22) Date of filing of Application :22/11/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR GRAVEL PACKING WELLS :E21B43/04,E21B33/12 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)HALLIBURTON ENERGY SERVICES INC. :13/217869 (32) Priority Date Address of Applicant :10200 Bellaire Boulevard Houston :25/08/2011 (33) Name of priority country :U.S.A. Texas 77072 U.S.A. (86) International Application No :PCT/US2012/049286 (72)Name of Inventor: Filing Date :02/08/2012 **1)TECHENTIEN Bruce Wallace** (87) International Publication No :WO 2013/028329 2)FITZPATRICK JR. Harvey Joseph (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Assemblies systems and methods to facilitate gravel packing of a wellbore having a flow restricting device are described. The assemblies systems and methods can include a flow restricting device and an alternative path gravel packing system to provide a gravel pack about the flow restricting device. The assemblies systems and methods can allow uniform and complete annular sand control pack placement together with reduced flow of unwanted fluids.

No. of Pages : 32 No. of Claims : 19

(22) Date of filing of Application :23/11/2012

(43) Publication Date : 18/03/2016

| (54) Title of the invention : SHORT ARC WELDING SYSTEM | | |
|---|----------------------------|--|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :H01J :NA :NA :NA | (71)Name of Applicant : 1)ESAB AB Address of Applicant :Lindholmsalln 9 S-402 77 Gteborg Sweden Sweden (72)Name of Inventor : 1)MNICH Andrzej |

(57) Abstract :

A system for controlling a weld-current in an arc welding apparatus for short arc welding comprising a current regulator included in a voltage feedback loop from a power supply to a welding electrode and a ramp generator arranged to provide current ramps during a short circuit phase at said welding electrode.

No. of Pages : 18 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :23/11/2012

(54) Title of the invention : PRODUCTION METHOD FOR BIOFUEL

(43) Publication Date : 18/03/2016

(71)Name of Applicant : 1)JX Nippon Oil & Energy Corporation Address of Applicant :6-3 Otemachi 2-chome Chivoda-ku (51) International classification :C12N (31) Priority Document No :2010-121042 Tokvo 100-8162 Japan Japan 2)euglena Co. Ltd. (32) Priority Date :26/05/2010 (33) Name of priority country (72)Name of Inventor: :Japan (86) International Application No :PCT/JP2011/061998 1)KATO Hiroaki Filing Date :25/05/2011 2)YAMASHITA Ko (87) International Publication No :WO/2011/148981 **3)FUKUSHIMA Yukio** (61) Patent of Addition to Application 4)AMANO Ken :NA Number 5)KANEKO Takashi :NA Filing Date 6)UEDA Iwao (62) Divisional to Application Number :NA 7)AOKI Nobuo Filing Date :NA 8)SUZUKI Kengo 9)ARASHIDA Ryo 10)NAKANO Ryohei

(57) Abstract :

The present invention provides a production method for biofuel based on a technology to convert carbon-dioxide as a carbon source through photosynthesis by photosynthetic microorganisms to biomass and produce biofuel of the biomass. The production method for biofuel of the present invention comprises a culturing process (S1) of culturing in a culture solution photosynthetic microorganisms which store oils fats and carbohydrates in cells of the photosynthetic microorganisms an oil and fat conversion process (S2) of converting the carbohydrates stored in the cells of the photosynthetic microorganisms cultured in the culture apparatus to oils and fats an extraction process (S3) of extracting the oils and fats out of the cells of the photosynthetic microorganisms and a reforming process (S4) to reform the extracted oils and fats.

No. of Pages : 23 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :23/11/2012

(43) Publication Date : 18/03/2016

| (54) Title of the invention : ULTRASONICALLY-TREATED NUTRITIONAL PRODUCTS HAVING EXTENDED SHELF LIFE | | |
|--|---|--|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :A23L :61/345,723 :18/05/2010 :U.S.A. :PCT/US2011/036759 :17/05/2011 :WO/2011/146442 :NA :NA :NA | (71)Name of Applicant : (71)Name of Applicant : (71)ABBOTT LABORATORIES Address of Applicant :Dept 377/AP6P-1 100 Abbott Park Road Abbott Park Illinois 60064 U.S.A. (72)Name of Inventor : (72)NAME of Inventor : |
| Filing Date | :NA | |

(57) Abstract :

Disclosed are nutritional products and nutritional bars having increased shelf life. The nutritional product or nutritional bar is manufactured utilizing high power ultrasound in combination with an extrusion process or slabbing process. It has been found that by utilizing high power ultrasound during the manufacturing process of nutritional products and nutritional bars that the resulting product has increased shelf life and improved texture. In some embodiments the nutritional bars include a solid crisp matrix.

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

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : ABRASIVE PARTICLES HAVING PARTICULAR SHAPES AND METHODS OF FORMING SUCH PARTICLES

| (32) Priority Date:29/03/2013(33) Name of priority country:U.S.A.(86) International Application No:PCT/US2014/032397Filing Date:31/03/2014(87) International Publication No:WO 2014/161001(61) Patent of Addition to Application:NANumber:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAKate:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NA <th> (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number </th> <th>:U.S.A. :PCT/US2014/032397 :31/03/2014 :WO 2014/161001 :NA :NA :NA</th> <th>Massachusetts 01615 U.S.A. 2)SAINT GOBAIN ABRASIFS (72)Name of Inventor : 1)SETH Anuj 2)EVERTS Darrell K.</th> | (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :U.S.A. :PCT/US2014/032397 :31/03/2014 :WO 2014/161001 :NA :NA :NA | Massachusetts 01615 U.S.A. 2)SAINT GOBAIN ABRASIFS (72)Name of Inventor : 1)SETH Anuj 2)EVERTS Darrell K. |
|---|---|--|---|
|---|---|--|---|

(57) Abstract :

A coated abrasive article comprising a backing, an adhesive layer disposed in a discontinuous distribution on at least a portion -of the backing, wherein the discontinuous distribution comprises a plurality of adhesive contact regions having at least one of a lateral spacing or a longitudinal spacing between each of the adhesive contact regions; and at least one abrasive particle disposed on each adhesive contact region, the abrasive particle having a tip, and there being at least one of a lateral spacing or a longitudinal spacing between each of the at least 65% of the at least one of a lateral spacing and a longitudinal spacing between the tips of the abrasive particles is within 2.5 standard deviations of the mean.

No. of Pages : 126 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :10/12/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : PYRIDINONE AND PYRIDAZINONE DERIVATIVES

| (51) International classification | :A61K31/541 | (71)Name of Applicant : 1)ABBVIE INC. Address of Applicant :1 North Waukegan Road North Chicago |
|--|--------------------|---|
| (31) Priority Document No | :PCT/CN2012/076748 | |
| (32) Priority Date | :12/06/2012 | (72)Name of Inventor : |
| (33) Name of priority country | :China | 1)HUBBARD Robert D. |
| (86) International Application No | :PCT/US2013/045151 | 2)WANG Le |
| Filing Date | :11/06/2013 | 3)PARK Chang H. |
| (87) International Publication No | :WO 2013/188381 | 4)SUN Chaohong |
| (61) Patent of Addition to Application | :NA | 5)MCDANIEL Keith F. |
| Number | :NA | 6)PRATT John K. |
| Filing Date | NT A | 7)SOLTWEDEL Todd N. |
| (62) Divisional to Application Number | :NA | 8)WENDT Michael D. |
| Filing Date | :NA | 9)HOLMS John H. |
| | | 10)LIU Dachun |
| | | 11)SHEPPARD George S. |

(57) Abstract :

The present invention provides for compounds of formula (I) Wherein J is a group of formula lla or llb: A A A3 A4 J and X have any of the values defined therefor in the specification and pharmaceutically acceptable salts thereof that are useful as agents in the treatment of diseases and conditions including inflammatory diseases diabetes obesity cancer and AIDS. Also provided are pharmaceutical compositions comprising one or more compounds of formula 1.

No. of Pages : 295 No. of Claims : 45

(19) INDIA

(22) Date of filing of Application :10/12/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : NOVEL 4 (SUBSTITUTED AMINO) 7H PYRROLO[2 3 D]PYRIMIDINES AS LRRK2 INHIBITORS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date | :C07D487/04 :61/666299 :29/06/2012 :U.S.A. :PCT/IB2013/055039 :19/06/2013 :WO 2014/001973 :NA :NA | 2)HAYWARD Matthew Merrill 3)HENDERSON Jaclyn 4)KORMOS Bethany Lyn 5)KURUMBAIL Ravi G 6)STEPAN Antonia Friederike |
|---|---|--|
| (87) International Publication No(61) Patent of Addition to ApplicationNumber | :WO 2014/001973 :NA | 3)HENDERSON Jaclyn 4)KORMOS Bethany Lyn 5)KURUMBAIL Ravi G |

(57) Abstract :

The present invention provides novel 4,5-disubstituted-7H-pyrrolo[2,3- c/]pyrimidine derivatives of Formula I, and the pharmaceutically acceptable salts thereof wherein R1, R2, R3, R4 and R5 are as defined in the specification. The invention is also directed to pharmaceutical compositions comprising the compounds of formula I and to use of the compounds in the treatment of diseases associated with LRRK2, such as neurodegenerative diseases including Parkinson's disease or Alzheimer's disease, cancer, Crohn's disease or leprosy.

No. of Pages : 154 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : EPITOPES RELATED TO COELIAC DISEASE

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on | :A61K 38/00 :2004201774 :28/04/2004 :Australia :PCT/GB2005/001621 :28/04/2005 :WO 2005/105129 :NA :NA :NA :7114/DELNP/2006 :28/04/2005 | (71)Name of Applicant : 1)BTG INTERNATIONAL LIMITED Address of Applicant :10 FLEET PLACE, LIMEBURNER LANE, LONDON EC4M 7SB, UNITED KINGDOM, U.K. (72)Name of Inventor : 1)ANDERSON, ROBERT 2)BEISSBATH, TIM 3)DIN, JASON TYE |
|--|---|---|
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(57) Abstract :

The invention herein disclosed is related to epitopes useful in methods of diagnosing, treating, and preventing coeliac disease. Therapeutic compositions which comprise at least one epitope are provided.

No. of Pages : 826 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 18/03/2016

| (34) The of the invention. DOOK TRIVDLE ASSI | SMDL1 FOR N | IOTOK VEHICLE |
|---|-------------|---|
| | | |
| (51) International classification | :E05B65/20, | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)Hyundai Motor Company |
| (32) Priority Date | :NA | Address of Applicant :12, Heolleung-ro, Seocho-gu, Seoul, |
| (33) Name of priority country | :NA | 137-938, Republic of Korea Republic of Korea |
| (86) International Application No | :NA | 2)Kia Motors Corporation |
| Filing Date | :NA | 3)HYUNDAI MOTOR INDIA ENGINEERING PVT, LTD. |
| (87) International Publication No | : NA | (72)Name of Inventor : |
| (61) Patent of Addition to Application Number | :NA | 1)Ch P K N Varma Rudraraju |
| Filing Date | :NA | 2)Kim Youn Seob |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(54) Title of the invention : DOOR HANDLE ASSEMBLY FOR MOTOR VEHICLE

(57) Abstract :

A door handle assembly (100) adapted for installation in a motor vehicle door, the door handle assembly (100) having a housing (102) for accommodating an actuator mechanism; a grip assembly (110) for activating the actuator mechanism. The actuator mechanism has a plurality of levers juxtaposed to each other and pivotably positioned in the housing (102), the plurality of levers has a first lever (L1) and a second lever (L2). The first lever (L1) and the second lever (L2) are positioned to be in contact with a grip lever (118) during normal working condition and during side impact condition of the vehicle, thereby exerting a holding force on the grip lever (118). After experiencing the side impact, the first lever (L1) rotates about a pivot and the second lever (L2) continues exerting the holding force on the grip lever (118). Refer Figs. 6 & 8

No. of Pages : 25 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : SINGLE STEP PROCESS FOR THE PREPARATION OF LIPOPHILIC CONJUGATE OF RIBOFLAVIN

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) Priority Date (35) Name of priority country (36) International Application No (37) NA (37) International Publication No (38) International Publication No (39) NA (30) Name of priority country (31) Priority Country (32) Priority Country (33) Name of priority country (34) Priority Country (35) Name of priority country (36) International Application No (37) NA (37) International Publication No (37) NA (37) Name of Inventor : (37) NA (38) Name of Addition to Application Number (39) NA (39) Name of Addition to Application Number (30) NA (31) Priority Country (32) Priority Country (33) Name of Pharmacy (34) Address of Applicant :N.H. #2, Delhi- Mathura Bypass, P.O. (34) Chhatikara, Mathura, Uttar Pradesh 281001, India Uttar Pradesh India (37) Name of Inventor : (37) Name of Inventor : (37) Name of Inventor : (37) Name of Addition to Application Number (38) NA (39) Priority Country (30) Priority Country (31) Priority Country (32) Priority Country (33) Name of Inventor : (34) Priority Country (35) Priority Country (36) Priority Country (37) Name of Inventor : (37) Name of Inventor : (37) Name of Addition to Application Number (31) Priority Country (32) Priority Country (33) Priority Country (34) Priority Country (35) Priority Country (36) Priority Country (37) Priority Country (37) Priority Country (38) Priority Country (39) Priority Country (31) P | (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :NA :NA :NA :NA :NA :NA :NA :NA | 1) Rajiv Academy for Pharmacy Address of Applicant :N.H. #2, Delhi- Mathura Bypass, P.O. Chhatikara, Mathura, Uttar Pradesh 281001, India Uttar Pradesh India (72) Name of Inventor : 1) Kamla Pathak |
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(57) Abstract :

The present invention provides a process for the preparation of a Riboflavin conjugate of formula (1): comprising the step of reacting Riboflavin with (RIC0)2 O in the presence of a chloride ion source selected from the group comprising of HCl or HCIO4, and wherein R, is selected from C1-2alkyl.

No. of Pages : 29 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date | :A24F47/00 :13180308.2 :13/08/2013 :EPO :PCT/EP2014/067233 :12/08/2014 | (71)Name of Applicant : 1)PHILIP MORRIS PRODUCTS S.A. Address of Applicant :Quai Jeanrenaud 3 CH 2000 Neuchtel Switzerland (72)Name of Inventor : 1)POGET Laurent Edouard |
|--|---|--|
| (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :WO 2015/022317 :NA :NA :NA :NA | 2)MIRONOV Oleg 3)ROUDIER Stphane |

(54) Title of the invention : SMOKING ARTICLE COMPRISING A BLIND COMBUSTIBLE HEAT SOURCE

(57) Abstract :

A smoking article (2, 32) comprises: a blind combustible heat source (4) with opposed front (6) and rear (8) faces wherein the blind combustible heat source has a transverse cross sectional area of at least about 60 percent of the transverse cross sectional area of the smoking article; an aerosol-forming substrate (10) downstream of the rear face (8) of the blind combustible heat source (4), wherein the rear face (8) of the blind combustible heat source (4) and the aerosol-forming substrate (10) are exposed to one another; a mouthpiece (12) downstream of the aerosol-forming substrate (10); and one or more air inlets located downstream of the rear face (8) of the blind combustible heat source (4) and upstream of the mouthpiece (12). The one or more air inlets (16, 18) are located between the rear face (8) of the blind combustible heat source (4) and a downstream end of the aerosol-forming substrate (10) and comprise one or more first air inlets (16) around the periphery of the aerosol-forming substrate (10). In use, air drawn through the aerosol-forming substrate (10) enters the smoking article (2, 32) through the one or more air inlets (16, 18).

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD FOR SUSPENDING PARTICLES IN ALCOHOLIC LIQUID COMPOSITION AND CORRESPONDING LIQUID COMPOSITION

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application | :A23L1/054,C12C5/02,C12G1/00 :NA :NA :NA :PCT/EP2010/062015 :18/08/2010 :WO 2012/022375 :NA :NA | (71)Name of Applicant : 1)PERNOD RICARD Address of Applicant :12 place des Etats Unis F 75116 Paris France (72)Name of Inventor : 1)LELEU Martine 2)DOYLE David |
|---|---|---|
| | :NA :NA | |

(57) Abstract :

The present invention relates to a method for suspending particles in alcoholic liquid composition wherein low acyl gellan gum is used and to a alcoholic beverage having such suspended particles.

No. of Pages : 20 No. of Claims : 33

(19) INDIA

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : COATING APPARATUS FOR APPLYING A UV CURABLE RESIN TO A THREADED END OF A STEEL PIPE

| (51) International classification | :B05B13/02,B05B12/12,B05B13/06 | (71)Name of Applicant : 1)NIPPON STEEL&SUMITOMO METAL |
|---|-----------------------------------|---|
| (31) Priority Document No | :2010194156 | CORPORATION |
| (32) Priority Date | :31/08/2010 | Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku |
| (33) Name of priority country | :Japan | Tokyo 1008071 Japan |
| (86) International Application No Filing Date | :PCT/JP2011/070089 :29/08/2011 | 2)VALLOUREC MANNESMANN OIL & GAS FRANCE (72)Name of Inventor : 1)SASAKI Masayoshi |
| (87) International Publication No | :WO 2012/029967 | 2)SUMITANI Katsutoshi 3)NAKAMURA Takumi |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | 4)MASUBUCHI Jun |
| (62) Divisional to Application Number Filing Date | NA NA | |

(57) Abstract :

A coating apparatus for forming a thin UV curable resin coating on the outer and/or inner surface(11A, 11B) of a threaded end portion of a steel pipe(11) constituting a pin or box of a threaded joint for steel pipes comprises a steel pipe(11) support means(14) which supports the steel pipe(11) while rotating it about its longitudinal axis a first spraying unit(1) having at least two nozzles(1a, 1b) adapted to spray a UV curable resin coating composition by pneumatic atomization toward the outer or inner surface(11A, 11B) of the threaded end portion of a steel pipe(11) a UV curable resin supply system for supplying the UV curable resin coating composition from a storage tank(21) to each nozzle(1a, 1b) of the first spraying unit(1) and a first nozzle support means(3, 5, 7, 9, 15) which supports each nozzle(1a 1b) of the first spraying unit(1) so as to be movable in the axial direction of the steel pipe(11) and in the vertical direction. The two nozzles (1a 1b) are disposed at different positions at least in the axial direction of the steel pipe(11) at angles which are sloped such that the sprayed streams from the nozzles(1a, 1b) approach each other. By using this coating apparatus it is possible to form a UV cured resin coating on the outer or inner surface of a threaded end portion of a steel pipe with a uniform thickness.

No. of Pages : 41 No. of Claims : 11

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : AN IMPROVED PROCESS TO PRODUCE AROMATHICS RICH AVIATION FUEL ALONG WITH **OTHER C1-C24 HYDROCARBONS**

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :C07D263/14 :NA :NA :NA :NA :NA :NA :NA :NA :NA | (71)Name of Applicant : 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110 001, INDIA. Delhi India (72)Name of Inventor : 1)SINHA ANIL KUMAR 2)ANAND, MOHIT 3)FAROOQUI SALEEM AKTHAR 4)KUMAR RAKESH 5)JOSHI RAKESH KUMAR 6)KUMAR ROHIT 7)KHAN TASLEEM 8)ALAM PARVEZ |
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(57) Abstract :

A single step catalytic process for the preparation of aromatic rich aviation fuel from renewable resource in the presence of a hydrogen stream, and one or more hydroprocessing catalysts, under operating conditions for hydroconversion reactions, as defined herein, with mixed hot and cold streams of the renewable feed and getting desired product after separation of water, lighter hydrocarbon gases and carbon oxides, the said product comprising of hydrocarbons C6-C24, rich in aromatic content in the aviation fuel range, including kerosene range.

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

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : PROCESS OF THE PREPARATION OF 2,3,3,3,-TRIFLUOROPROPENE

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date | :C07C17/269 :0808836.1 :15/05/2008 :U.K. :NA :NA | (71)Name of Applicant : 1)MEXICHEM AMANCO HOLDING S.A. DE C.V. MEXICO Address of Applicant :RIO SAN JAVIER NO. 10, FRACCIONAMIENTO, VIVEROS DEL RIO, TLALNEPANTLA 54060, MEXICO Mexico |
|--|---|---|
| (87) International Publication No | :WO2009/138764 A1 | (72)Name of Inventor : 1)SMITH JOHN WILLIAM |
| (61) Patent of Addition to Application Number Filed on | :7835/DELNP/2010 :15/05/2009 | 2)MCGUINESS CLAIRE 3)SHARRATT ANDREW PAUL 4)TAYLOR ANDREW MARK |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

The invention provides a process for the preparation of 1234yf comprising (a) contacting 1,1, 2,3,3, 32.. hexafluoropropene (1216) with hydrogen in the presence of a hydrogenation catalyst to produce 1,1,2,3,3,3-hexafluoropropane (236ea); (b) dehydrofluorinating 236ea to produce 1,2,3,3,3- pentafluoropropene (1225ye); (c) contacting 1225ye with hydrogen in the presence of a hydrogenation catalyst to produce 1,2,3,3,3-pentafluoropropane (245eb); and (d) dehydrofluorinating (245eb) to produce (1234yf).

No. of Pages : 29 No. of Claims : 24

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : PROCESS OF THE PREPARATION OF 2,3,3,3,-TRIFLUOROPROPENE

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date | :C07C17/269 :0808836.1 :15/05/2008 :U.K. :NA :NA | (71)Name of Applicant : 1)MEXICHEM AMANCO HOLDING S.A. DE C.V. MEXICO Address of Applicant :RIO SAN JAVIER NO.10, FRACCIONAMIENTO,VIVEROS DEL RIO, TLALNEPANTLA 54060, MEXICO Mexico |
|--|---|---|
| (87) International Publication No | :WO 2009/138764 A1 | (72)Name of Inventor : 1)SMITH JOHN WILLIAM |
| (61) Patent of Addition to Application Number Filed on | :7835/DELNP/2010 :15/05/2009 | 2)MCGUINESS CLAIRE 3)SHARRATT ANDREW PAUL 4)TAYLOR ANDREW MARK |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

The invention provides a process for the preparation of 1234yf comprising (a) contacting 1,1, 2,3,3, 3- hexafluoropropene (1216) with hydrogen in the presence of a hydrogenation catalyst to produce 1,1,2,3,3,3-hexafluoropropane (236ea); (b) dehydrofluorinating 236ea to produce 1,2,3,3,3- pentafluoropropene (1225ye); (c) contacting 1225ye with hydrogen in the presence of a hydrogenation catalyst to produce 1,2,3,3,3- pentafluoropropane (245eb); and (d) dehydrofluorinating (245eb) to produce (1234yf).

No. of Pages : 27 No. of Claims : 17

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

(43) Publication Date : 18/03/2016

(54) Title of the invention : ULTRA-HIGH STRENGTH UHMW PE FIBERS AND PRODUCTS •

| (51) International classification | :C08F | (71)Name of Applicant : |
|--|--------------------|--|
| (31) Priority Document No | :12/771,914 | 1)HONEYWELL INTERNATIONAL INC. |
| (32) Priority Date | :30/04/2010 | Address of Applicant :Patent Services M/S AB/2B 101 |
| (33) Name of priority country | :U.S.A. | Columbia Road P.O. Box 2245 Morristown New Jersey 07962- |
| (86) International Application No | :PCT/US2011/033714 | 2245 U.S.A. |
| Filing Date | :25/04/2011 | (72)Name of Inventor : |
| (87) International Publication No | :WO/2011/137045 | 1)THOMAS Y. TAM |
| (61) Patent of Addition to Application | :NA | 2)JOHN A. YOUNG |
| Number | | 3)NORMAN AMINUDDIN |
| Filing Date | :NA | 4)JOHN E. HERMES |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | l |

(57) Abstract :

Multi-filament UHMW PE yarns can be produced according to processes that result in improved properties. The UHMW PE can have an intrinsic viscosity in decalin at 135 °C of at least about 30 dl/g, and can be processed under optimal conditions to achieve a gel spun yarn having a tenacity of greater than about 45 g/d (40.5

No. of Pages : 32 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :01/03/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : N (TETRAZOL 5 YL) AND N (TRIAZOL 5 YL)ARYLCARBOXAMIDES AND USE THEREOF AS HERBICIDES

| (51) International classification:C07D249/14,C07D257/06,C07D401/12(71)Name of Applicant : 1BAYER CROPSCIENC Address of Applicant : Al Germany(31) Priority Document No:10174893.7 <th>red Nobel Str. 50 40789 Monheim as</th> | red Nobel Str. 50 40789 Monheim as |
|---|---------------------------------------|
|---|---------------------------------------|

(57) Abstract :

N-(Tetrazol-5-yl)- and N-(triazol-5-yl)arylcarboxamides 5 N-(Tetrazol-5-yl)- and N-(triazol-5-yl)arylcarboxamides of the formula (I) are described as herbicides. In this formula (I), X, Y, Z and R represent radicals such as hydrogen, organic radicals such as alkyl, and other radicals such as halogen. A and B represent N and CY.

No. of Pages : 266 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :04/03/2013

(21) Application No.1947/DELNP/2013 A

(43) Publication Date : 18/03/2016

| (51) International classification | :A61L 2/20 | (71)Name of Applicant : |
|--|--------------------|--|
| (31) Priority Document No | :61/247,197 | 1)TSO3 INC. |
| (32) Priority Date | :30/09/2009 | Address of Applicant :2505, AVENUE DALTON, QUEBEC, |
| (33) Name of priority country | :U.S.A. | QUEBEC, G1P 3S5, CANADA Canada |
| (86) International Application No | :PCT/CA2010/001518 | (72)Name of Inventor : |
| Filing Date | :29/09/2010 | 1)TREMBLAY, BRUNO |
| (87) International Publication No | :WO 2011/038487 | 2)VALLIERES, JEAN-MARTIN |
| (61) Patent of Addition to Application | :NA | |
| Number | | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :3533/DELNP/2012 | |
| Filed on | :23/04/2012 | |

(54) Title of the invention : HYDROGEN PEROXIDE STERLIZATION METHOD

(57) Abstract :

A method of sterilizing an article by sequentially exposing the article to hydrogen peroxide and ozone is disclosed. The article is exposed under vacuum first to an evaporated aqueous solution of hydrogen peroxide and subsequently to an ozone containing gas. The exposure is carried out without reducing the water vapor content of the sterilization atmosphere, the water vapor content being derived from the aqueous solvent of the hydrogen peroxide solution and from the decomposition of the hydrogen peroxide into water and oxygen. The complete sterilization process is carried out while the chamber remains sealed and without removal of any component of the sterilization atmosphere. For this purpose, the chamber is initially evacuated to a first vacuum pressure sufficient to cause evaporation of the aqueous hydrogen peroxide at the temperature of the chamber atmosphere. The chamber is then sealed for the remainder of the sterilization process and during all sterilant injection cycles. Keeping the chamber sealed and maintaining the hydrogen peroxide and its decomposition products in the chamber for the subsequent ozone sterilization step results in a synergistic increase in the sterilization efficiency and allows for the use of much lower sterilant amounts and sterilization cycle times than would be expected from using hydrogen peroxide and ozone in combination.

No. of Pages : 51 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :15/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : A COMPOSITION FOR THE TREATMENT OF LIVER DISEASES

| (51) International classification(31) Priority Document No | :NA | (71)Name of Applicant : 1)INDIAN COUNCIL OF MEDICAL RESEARCH (ICMR) |
|--|-------------------|---|
| (32) Priority Date(33) Name of priority country(26) Name of priority country | :NA :NA | Address of Applicant :V. RAMALINGASWAMI BHAWAN, ANSARI NAGAR, NEW DELHI-110029, INDIA. Delhi India |
| (86) International Application No Filing Date (87) International Publication No | :NA :NA | 2)JAMIA HAMDAIRD (72)Name of Inventor : |
| (87) International Publication No(61) Patent of Addition to Application Number | : NA :NA | 1)KANCHAN KOHLI 2)SHAMAMA JAVED |
| Filing Date (62) Divisional to Application Number Filing Date | :NA :NA :NA | |

(57) Abstract :

A composition for the treatment of liver diseases comprising silymarin, fulvic acid and piperine.

No. of Pages : 36 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :15/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : A WRITING PENCIL OR MARKER MOUNTABLE FREEHAND STRAIGHT LINE DRAWING DEVICE WITHOUT USING STRAIGHT EDGE.

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date | :NA :NA :NA :NA :NA :NA :NA | (71)Name of Applicant : 1)M K Farshori Address of Applicant :335 , batla house 6th street Jamia Nagar New Delhi Delhi India (72)Name of Inventor : 1)M K Farshori |
|--|---|--|
| ε | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

A handy free rolling type device when attached to a pencil, pen or other marking devices, helps in making straight line while sketching freehand without using an straight edge to assist the markers, consisting of guide roller in single or multiple formation and a holder clamp to mount easily onto the marking device useful in making fairly straight lines especially useful for small kids to learn make straight lines in their initial years of learning apart from being handy in situations where tabular formats, lines, columns and other such geometrical sketches need to be drawn.

No. of Pages : 13 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : SPRING STEEL HAVING EXCELLENT FATIGUE CHARACTERISTICS AND PROCESS FOR MANUFACTURING SAME

| (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application | :PCT/JP2013/061877 :23/04/2013 :WO 2014/174587 :NA :NA | (71)Name of Applicant : NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan (72)Name of Inventor : MIYAZAKI Masafumi 2)YAMAMURA Hideaki 3)HASHIMURA Masayuki 4)FUJITA Takashi |
|--|--|--|
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

This spring steel has a prescribed chemical composition, and contains, per square millimeter, 0.004 t o 10 composite inclusions that are each an inclusion which contains REM, O and A l and t o which TiN adheres and that have maximum diameters of 2 un or more. The composite inclusions have maximum diameters of 40 un or less, while the total number density of alumina clusters having maximum diameters of IOmhi or more, MnS particles having maximum lengths of IOmhi or more and TiN particles having maximum diameters of Imhi or more is 10/mm 2 or less.

No. of Pages : 44 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification(31) Priority Document No(32) Priority Date | :B21F45/24 :10 2013 004 652.1 :16/03/2013 | (71)Name of Applicant : 1)ZAHORANSKY AG Address of Applicant :Anton Zahoransky Str. 1 79674 |
|---|---|---|
| (33) Name of priority country | :Germany | Todtnau Germany |
| (86) International Application No | :PCT/EP2014/000462 | (72)Name of Inventor : |
| Filing Date | :21/02/2014 | 1)ALBRECHT Christoph |
| (87) International Publication No | :WO 2014/146745 | 2)GOLDMANN Philipp |
| (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :NA :NA :NA :NA | |

(54) Title of the invention : DEVICE AND METHOD FOR PRODUCING CLAMPS BENT FROM WIRE SECTIONS

(57) Abstract :

The invention relates to a device (1) for producing clamps (3) bent from wire sections (2), in particular surgical clamps, having a bending device (22) for bending a wire section (2), having a feed device (4) for a wire (5) having a cutting device (6) for separating a wire section (2) from the fed wire (5). The cutting device (6) has two cutting stamps (11) for cutting the wire (5). A holding device (14) is provided for gripping and holding the wire section (2) between the two cutting stamps (11) before o separating the wire section (2) and for positioning the separated wire section (2) on a bending device (22) and for feeding the wire section (2) bent into the clamp to a device (33) for inserting the clamp (3) into a cartridge (34) or a clamp storage (35).

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

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : PROCESS OF THE PREPARATION OF 2,3,3,3,-TRIFLUOROPROPENE

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date | :C07C17/269 :0808836.1 :15/05/2008 :U.K. :NA :NA | (71)Name of Applicant : 1)MEXICHEM AMANCO HOLDING S.A. DE C.V. MEXICO Address of Applicant :RIO SAN JAVIER NO.10, FRACCIONAMIENTO, VIVEROS DEL RIO, TLALNEPANTLA 54060, MEXICO Mexico |
|--|---|--|
| (87) International Publication No | :WO 2009/138764 A1 | (72)Name of Inventor : 1)SMITH JOHN WILLIAM |
| (61) Patent of Addition to Application Number Filed on | :7835/DELNP/2010 :15/05/2009 | 2)MCGUINESS CLAIRE 3)SHARRATT ANDREW PAUL 4)TAYLOR ANDREW MARK |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

The invention provides a process for the preparation of 1234yf comprising (a) contacting 1,1, 2,3,3, 3 hexafluoropropene (1216) with hydrogen in the presence of a hydrogenation catalyst to produce 1,1,2,3,3,3-hexafluoropropane (236ea); (b) dehydrofluorinating 236ea to produce 1,2,3,3,3- pentafluoropropene (1225ye); (c) contacting 1225ye with hydrogen in the presence of a hydrogenation catalyst to produce 1,2,3,3,3-pentafluoropropane (245eb); and (d) dehydrofluorinating (245eb) to produce (1234yf).

No. of Pages : 29 No. of Claims : 32

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : PROCESS OF MAKING PROSTACYCLIN COMPOUNDS WITH LINKER THIOL AND PEGYLATED FORMS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :A01N43/16,A61K31/35 :61/805048 :25/03/2013 :U.S.A. :PCT/US2014/031574 :24/03/2014 :WO 2014/160638 :NA :NA :NA :NA | (71)Name of Applicant : 1)UNITED THERAPEUTICS CORPORATION Address of Applicant :1040 Spring Street Silver Spring Maryland 20910 U.S.A. (72)Name of Inventor : 1)BATRA Hitesh 2)GUO Liang |
|---|--|--|
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(57) Abstract :

A process provides for producing chiral prostacyclin derivatives of Formula (I) in high yield from meso anhydrides.

No. of Pages : 79 No. of Claims : 25

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD AND APPARATUS FOR MAINTAINING UPLINK SYNCHRONIZATION AND REDUCING BATTERY POWER CONSUMPTION

(57) Abstract :

A Node-B sends a polling message to a wireless transmit/receive unit (WTRU). The WTRU sends an uplink synchronization burst in response to the polling message without contention. The Node-B estimates an uplink timing shift based on the synchronization burst and sends an uplink timing adjustment command to the WTRU. The WTRU then adjusts uplink timing based on the uplink timing adjustment command. Alternatively, the Node-B may send a scheduling message for uplink synchronization to the WTRU. The WTRU may send a synchronization burst based on the scheduling message. Alternatively, the WTRU may perform contention-based uplink synchronization after receiving a synchronization request from the Node-B. The WTRU may enter an idle state instead of performing a handover to a new cell when the WTRU moves to the new cell. A discontinuous reception (DRX) interval for the WTRU may be set based on activity of the WTRU.

No. of Pages : 27 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification | :H04W8/00 | (71)Name of Applicant : |
|--|--------------------|--|
| (31) Priority Document No | :PCT/CN2013/075480 | 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) |
| (32) Priority Date | :10/05/2013 | Address of Applicant :164 83 S 164 83 Stockholm Sweden |
| (33) Name of priority country | :China | (72)Name of Inventor : |
| (86) International Application No | :PCT/IB2014/061273 | 1)SORRENTINO Stefano |
| Filing Date | :07/05/2014 | 2)LU Qianxi |
| (87) International Publication No | :WO 2014/181272 | 3)ZHAO Zhenshan |
| (61) Patent of Addition to Application | :NA | 4)MIAO Qingyu |
| Number | :NA | |
| Filing Date | .NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | 1 |

(54) Title of the invention : DEVICE- TO -DEVICE (D2D) DISCOVERY

(57) Abstract :

A method of operating a first wireless communication device to perform D2D discovery includes obtaiming multiple discovery message detection results, and determining a D2D discovery status of a second wireless communication device based on the multiple discovery message detection results. Using multiple discovery message detection results to determine the D2D discovery status of the second wireless communication device significantly increases the reliability of D2D discovery, thereby increasing the likelihood that a device available for D2D communication will be detected, while reducing the likelihood of false detections.

No. of Pages : 37 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : 19-NOR C3,3-DISUBSTFTUTED C21-N-PYRAZOLYL STEROIDS AND METHODS OF USE THEREOF

(57) Abstract :

Provided herein are 19-nor C3,3-disubstituted C2 1-pyrazolyl steroids of Formula (I), and pharmaceutically accept able salts thereof; wherein-, R1, R2, R, R, R, R, R, R5, R6, and R7are as defined herein. Such compounds are contemplated useful for the prevention and treatment of a variety of CNS-related conditions, for example, treatment of sleep disorders, mood disorders, schizophrenia spectrum disorders, convulsive disorders, disorders of memory and/or cognition, movement disorders, personality disorders, autism spectrum disorders, pain, traumatic brain injury, vascular diseases, substance abuse disorders and/or withdrawal syndromes, and tinnitus.

No. of Pages : 208 No. of Claims : 47

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR MEASURING PERFORMANCE PARAMETERS RELATED TO ORTHOPEDIC ARTHROPLASTY

(57) Abstract :

A knee balancing system for measuring performance parameters associated with an orthopedic articular joint comprises a force sensing module (130) and one or more inertial measurement units. The force sensing module comprises a housing that includes an articular surface (430a) having a medial portion (330a) and a lateral portion (330b) ,each of which is substantially mechanically isolated from the other. The force sensing module also includes first (640a) and second (640b) sets of sensors disposed within the housing. The first set of sensors is mechanically coupled to the medial portion of the articular surface and configured to detect information indicative of a first force incident upon the medial portion of the articular surface. The second set of sensors is mechanically coupled to the lateral portion of the articular surface and configured to detect information indicative of a second force incident upon a lateral portion of the articular surface. The inertial measurement unit is configured to detect information indicative of a first bone and a second bone of a knee joint.

No. of Pages : 63 No. of Claims : 34

(19) INDIA

(22) Date of filing of Application :16/10/2015

(54) Title of the invention : IMPROVED ELASTIC BUSHING

(43) Publication Date : 18/03/2016

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|--|---------------------|---|
| | | |
| (51) International classification | :F16C27/06,F16F1/38 | (71)Name of Applicant : |
| (31) Priority Document No | :CR2013A000013 | 1)SAV SRL |
| (32) Priority Date | :30/04/2013 | Address of Applicant : Via Madrid 3 Localit Zingonia I 2404 |
| (33) Name of priority country | :Italy | Ciserano (BG) Italy |
| (86) International Application No | :PCT/IT2014/000115 | (72)Name of Inventor : |
| Filing Date | :28/04/2014 | 1)SPINELLA Giuseppe |
| (87) International Publication No | :WO 2014/178088 | |
| (61) Patent of Addition to Application | :NA | |
| Number | | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention relates to an elastic bushing, particularly for use in the goods transport vehicle sector. More specifically, the invention relates to an improved elastic bushing (1) comprising: - a cylindrical tubular element (2) made of selflubricating material, - an intermediate ring (3) made of an elastically deformable material, wherein said tubular element (2) and said intermediate ring (3), at one end (2, 3) thereof, are respectively provided with stop collars (4, 5). Said elastic bushing (1) further comprises an outer ring (6) made of plastic material adapted to deform, on assembly, to allow the bushing (1) to be forced into a respective assembly seat (100), wherein said outer ring (6) has along its side wall a reinforced annular section (16) and at least one gradual coupling surface (26) between said reinforced annular section (16) and the end (6) of said outer ring opposite said stop collars (4, 5).

No. of Pages : 17 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : CONTROLLING TRAFFIC WITHOUT INTEGRATING WITH A SECURITY VENDOR

| (33) Name of priority country:NAConnection(86) International Application No:PCT/US2013/036744(72)NameFiling Date:16/04/20131)STAN(87) International Publication No:WO 2014/1719242)CHAN | ne of Applicant : S ELEVATOR COMPANY ess of Applicant :10 Farm Springs Road Farmington acut 06032 U.S.A. ne of Inventor : NLEY Jannah A. APMAN Ashley CE Matthew |
|---|---|
|---|---|

(57) Abstract :

Embodiments are directed to providing access without determining an identity of a requester. A fixture may receive a rule pertaining to access to a floor of a building. The fixture may receive a request to access the floor of the building. The fixture may grant access to the floor based on a determination that the rule indicates that access to the floor should be granted.

No. of Pages : 17 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

| (54) Little of the invention : IMAGING APPARATUS AND METHOD | | |
|--|--|---|
| (54) The of the invention : IMAG(51) International classification(31) Priority Document No(32) Priority Date | :G01J3/02,G01J4/04,G01J3/28 :1307116.2 :18/04/2013 | |
| (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number | :U.K. | SG1 2DA U.K. (72)Name of Inventor : 1)GREENWAY Christopher 2)SIMMONS Richard Charles |
| Filing Date (62) Divisional to Application Number Filing Date | :NA :NA :NA | |

(54) Title of the invention : IMAGING APPARATUS AND METHOD

(57) Abstract :

An imaging apparatus and method are provided for improving discrimination between parts of a scene enabling enhancement of an object in the scene. A camera unit (12) is arranged to capture first and second images from the scene (8) in first and second distinct and spectrally spaced apart wavebands. An image processing unit (14) processes the images so captured and processes polarimetric information in the images to enable better discrimination between parts of the scene. An image of the scene, including a graphical display of the polarimetric information, may be displayed on a visual display unit (16) thus enhancing an object in the scene for viewing by a user. Correlation parameters indicating, possibly on a pixel-by-pixel basis, the correlation between the actual image intensity (30) at each angle of polarisation and a modelled expected image intensity may be used to enhance the visibility of an object.

No. of Pages : 38 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : ACTIVE COMPOUND COMBINATIONS HAVING INSECTICIDAL PROPERTIES

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to | :A01N43/36,A01N43/52,A01N47/06 :13164458.5 :19/04/2013 :EPO :PCT/EP2014/057598 :15/04/2014 :WO 2014/170313 :NA :NA | (71)Name of Applicant : 1)BAYER CROPSCIENCE AKTIENGESELLSCHAFT Address of Applicant :Alfred Nobel Str. 50 40789 Monheim am Rhein Germany (72)Name of Inventor : 1)VAN DEN EYNDE Koen 2)THIELERT Wolfgang |
|---|--|--|
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

The present invention relates to novel active compound combinations comprising at least one known compound of the formula (I) in which X, Ri to R4 A, n, Y, and m areas defined in the description, and at least one further known active compound from the class of the of tetronic and tetramic acid derivatives, diacylhydrazines, benzoylureas and further classes, which combinations are highly suitable for controlling animal pests such as insects and unwanted acarids.

No. of Pages : 42 No. of Claims : 12

(21) Application No.9757/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD FOR PRODUCING HYDROCARBIDES

| (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application | :16/04/2014 :WO 2014/170603 :NA :NA | (71)Name of Applicant : BIO THINK Address of Applicant :Route de la Gare F 45170 Chilleurs Aux Bois France (72)Name of Inventor : DUPRE Jean Yves RODRIGUEZ Oswaldo Yag¼ez |
|--|--|--|
| Number | :NA :NA | |

(57) Abstract :

The invention relates to a method for producing hydrocarbides, characterised in that it comprises at least the foliowing steps: a) anaerobic fermentation of a fermentable raw material in order to produce volatile fatty acids, b) elongation of the volatile fatty acids produced in step a) by fermentation with at least one bacterium of the Megasphaera genus, extraction of the fatty acids produced from the fermentation must, and c) production of hydrocarbides by subjecting the fatty acids produced in step b) to a Kolbe electrolysis.

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

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

TEMPERATURE OF INTERNAL COMBUSTION ENGINE :F02D45/00 (71)Name of Applicant : (51) International classification (31) Priority Document No 1) DENSO CORPORATION :2013085537 (32) Priority Date Address of Applicant :1 1 Showa cho Kariya city Aichi :16/04/2013 (33) Name of priority country 4488661 Japan :Japan (86) International Application No :PCT/JP2014/060840 (72)Name of Inventor : Filing Date :16/04/2014 1)YOSHIDA Satoshi (87) International Publication No :WO 2014/171491 2)KOYABU Tadakatsu (61) Patent of Addition to Application 3)KAWAI Takavuki :NA Number 4)GOTO Koichi :NA 5)TERADA Kanechiyo Filing Date (62) Divisional to Application Number :NA 6)YAMAURA Toshiaki Filing Date 7)ICHIKAWA Yasuhisa :NA

(54) Title of the invention : INTERNAL COMBUSTION ENGINE CONTROL DEVICE CAPABLE OF ESTIMATING

(57) Abstract :

A control device (70), for controlling the operational state of an internal combustion engine (10), i s equipped with: a fuel injection command unit (75) that issues commands for the fuel injection timing and the fuel injection amount to a fuel injection valve (29); an ignition command unit (76) that commands a spark plug (34) to ignite at a prescribed time; a rotational : frequency detection unit (77) that detects the rotational : frequency of the internal combustion engine; and a startup control unit (78) that executes an actual temperature discovery process that discovers the actual temperature of the internal combustion engine at the startup of the engine. The actual temperature discovery process discovers the actual temperature of the internal combustion engine is changed successively and the fuel injection amount corresponding to the relevant fictive temperature i s calculated, and the fuel injection command unit i s requested to perform a fuel injection with that fuel injection amount, and the ignition command unit is requested to perform ignition at the prescribed timing), with these operations being repeated until it is determined, on the basis of the rotational : frequency of the internal combustion engine, that the internal combustion engine has started.

No. of Pages : 68 No. of Claims : 25

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 18/03/2016

| (54) Title of the invention : STERILIZATION APPARATUS | | |
|--|---|---|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on | :A61L 2/20 :61/247,197 :30/09/2009 :U.S.A. | (71)Name of Applicant : TSO3 INC. Address of Applicant :2505, AVENUE DALTON, QUEBEC, QUEBEC, G1P 3S5, CANADA Canada (72)Name of Inventor : TREMBLAY, BRUNO VALLIERES, JEAN-MARTIN |

(57) Abstract :

A method of sterilizing an article by sequentially exposing the article to hydrogen peroxide and ozone is disclosed. The article is exposed under vacuum first to an evaporated aqueous solution of hydrogen peroxide and subsequently to an ozone containing gas. The exposure is carried out without reducing the water vapor content of the sterilization atmosphere, the water vapor content being derived from the aqueous solvent of the hydrogen peroxide solution and from the decomposition of the hydrogen peroxide into water and oxygen. The complete sterilization process is carried out while the chamber remains sealed and without removal of any component of the sterilization atmosphere. For this purpose, the chamber is initially evacuated to a first vacuum pressure sufficient to cause evaporation of the aqueous hydrogen peroxide at the temperature of the chamber atmosphere. The chamber is then sealed for the remainder of the sterilization process and during all sterilant injection cycles. Keeping the chamber sealed and maintaining the hydrogen peroxide and its decomposition products in the chamber for the subsequent ozone sterilization step results in a synergistic increase in the sterilization efficiency and allows for the use of much lower sterilant amounts and sterilization cycle times than would be expected from using hydrogen peroxide and ozone in combination.

No. of Pages : 34 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD AND SYSTEM FOR MODIFYING USER-BEHAVIOUR

| (51) International classification | ·H04N7/14 | (71)Name of Applicant : |
|---|-----------|---|
| (31) Priority Document No | :NA | 1)Samsung India Electronics Pvt Ltd. |
| (32) Priority Date | :NA | Address of Applicant : Logix Cyber Park Tower C, 8th to 10th |
| (33) Name of priority country | :NA | floor, Tower D, Ground to 10th floor, Plot No.C - 28-29, Sector - |
| (86) International Application No | :NA | 62, Noida-201301 U.P., India Uttar Pradesh India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)PRASHUN, Prashant |
| (61) Patent of Addition to Application Number | :NA | 2)MOYAL, Devang |
| Filing Date | :NA | 3)TYAGI, Saurabh |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The invention relates to providing a feedback for modifying user behaviour in real world based on control of at least one parameter of at least one object in a virtual world. In one embodiment, a plurality of image frames of a user indicating a first action in real world is received. A second action corresponding to the first action is displayed in the virtual world; the second action resulting in manipulation of said at least one object in the virtual world. Based on the control of said at least one parameter of said at least one object in the virtual world. Based on the control of said at least one parameter of said at least one object in the virtual world, the feedback for modifying user behaviour in real world is provided.

No. of Pages : 49 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

| (54) Title of the invention : FLEXIBLE MEDICAL SUPPORTS | | | |
|--|---|---|--|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | a :A61G15/10,A61G5/10,A61G5/12 :13161046.1 :26/03/2013 :EPO :PCT/EP2014/055912 :25/03/2014 :WO 2014/154661 :NA :NA :NA | (71)Name of Applicant : 1)ARJO HOSPITAL EQUIPMENT AB Address of Applicant :Verkstadsv. 5 S 241 21 Eslov Sweden (72)Name of Inventor : 1)ANDERBERG Mimmi 2)EKELIN Per 3)JOHANSSON Marcus 4)RUBIN Marie 5)NILSSON Thomas 6)NILSSON Karolina | |

(57) Abstract :

A patient support (10) is provided with a membrane (18) made of a stretchable material. The membrane may be fixed in one embodiment to lateral supports (14, 16) and used as a patient s knee or calf support. During use, the membrane (18) can stretch on the application of force by a patient (12), which stretch will reduce discomfort and pain and can also assist in preventing slippage of the patient during movement. The flexible membrane (18) may be used also in patient slings and other supports.

No. of Pages : 22 No. of Claims : 18

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

| (54) Title of the invention : ELECTRICAL CONNECTOR | | |
|---|--|---|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :H01R13/6593 :2013067540 :27/03/2013 :Japan | (71)Name of Applicant : 1)SOURIAU JAPAN K.K. Address of Applicant :Parale Mitsui Building 15F 8 Higashida cho Kawasaki ku Kawasaki shi Kanagawa 2100005 Japan (72)Name of Inventor : 1)OHNUKI Shigeru 2)TAKIZAWA Eiichiro |

(57) Abstract :

The present invention relates to a connector (1). The connector (1) is provided with: an electrically conductive shell (3) which covers the signal wire of a communication cable (2); a clip (4) which is formed by punching a plate; and a frame body (7) which covers both the electrically conductive shell (3) and the clip (4). The electrically conductive shell (3) is grounded to the ground wire of a printed circuit board (100) and the frame body (7) is grounded to the frame of the housing box of a device. A tab (15) which is formed so as to be capable of being cut off is formed on the clip (4). The tab (15) is formed so as to electrically connect the electrically conductive shell (3) and the frame body (7) by coming into contact with the frame body (7) during the assembling of the connector (1). When the tab (15) of the clip (4) is cut off during the assembling of the connector (1) the electrical connection between the electrically conductive shell (3) and the frame body (7) is interrupted. In the connector (1), the mode of grounding connection to the printed circuit board (100) and the mode of grounding connection to the frame can be freely designed by cutting off the tab (15) of the clip (4).

No. of Pages : 29 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : ENVIRONMENTAL TESTING METHOD AND ENVIRONMENTAL TESTING DEVICE USING BLOWING OF ARTIFICIAL SNOW

(57) Abstract :

[Problem] To provide an environmental testing method and an environmental testing device which use artificial snow and with which testing can be conducted appropriately using the required amount of artificial snow as required , without changing the quality of the ice. [Solution] A method for conducting environmental testing using the blowing of artificial snow ,said method characterized by having a step wherein a given number of one or more reamer -type ice -making machines (22) which produce flake- like ice chips, are selected in accordance with the total amount of artificial snow required for use in an environmental test , and each of the selected ice-making machines is prepared, so as to be capable of producing ice , before the environmental test, a step wherein ice is produced by the reamer -type ice- making machines that have been prepared , thereby adjusting the amount of ice produced , in accordance with a change in the required amount of artificial snow used in the environmental test, an ice- breaking step wherein the flake- like ice -chips produced by the selected reamer- type ice -making machines (22) are broken to form ice particles , and a step wherein artificial snow , in the form of the ice particles is used to generate blown snow with the aforementioned step in which the ice- making machines are prepared so as to be capable of producing a step wherein the reamer- type ice- making machines (22) produce a thin ice layer on a thin ice formation surface of the ice- making machines at the point in time when the environmental test begins , and the aforementioned ice- making step having a step wherein the flake- like ice chips are obtained by applying external force , by means of a reamer (108) , to the layer of thin ice formed on the thin ice formation surface.

No. of Pages : 46 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : PROMOTER EXHIBITING HIGH EXPRESSION ACTIVITY IN MORTIERELLA MICROORGANISMS

| (51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country | :C12N15/09,C12N1/15,C12P7/64 :2013066265 :27/03/2013 :Japan | (71)Name of Applicant : 1)SUNTORY HOLDINGS LIMITED Address of Applicant :1 40 Dojimahama 2 chome Kita ku Osaka shi Osaka 5308203 Japan |
|--|--|---|
| (86) International Application No Filing Date (87) International Publication No | :PCT/JP2014/059698 :26/03/2014 :WO 2014/157736 | (72)Name of Inventor : 1)OCHIAI Misa 2)OGAWA Jun 3)SAKURADANI Eiji 4)ANDO Akinori |
| (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application | :NA :NA | |
| Number Filing Date | :NA :NA | |

(57) Abstract :

The purpose of the present invention is to provide a promoter exhibiting high expression activity in Mortierella microorganisms. Accordingly, the present invention provides: a polynucleotide including any one base sequence selected from the group consisting of SEQ ID NO. 1 28; or a mutant thereof.

No. of Pages : 76 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : TETRAKIS -AZO COMPOUND FOR BLACK DYE COMPOSITION INCLUDING SAME AND USAGE THEREFOR

| (51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country | n :C09B33/28,C09B67/20,D06P1/39 :2013063244 :26/03/2013 :Japan | (71)Name of Applicant : 1)NIPPON KAYAKU KABUSHIKI KAISHA Address of Applicant :1 1 Marunouchi 2 chome Chiyoda ku Tokyo 1000005 Japan |
|--|---|---|
| (86) International Application No Filing Date (87) International Publication No | :PCT/JP2014/057417 :18/03/2014 :WO 2014/156851 | (72)Name of Inventor : 1)SASAKI Keijou 2)YAMAMOTO Nobutaka |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

Provided is a tetrakis- azo compound indicated by general formula (1), or a salt thereof, as an azo dye compound for black, excellent for use in cellulose fiber material, particularly paper/pulp, that has good dyeing properties and light resistance, said tetrakis azo compound being capable of being produced without using a dianisidine Class 1 Specified Chemical Substance. In the formula (1) R i and R2 each independently indicate a hydrogen atom or a sulfo group, etc., R3 and R4 each independently indicate an amino group or a carboxy group, etc., and A indicates a group indicated by general formula (2). In formula (2), R6 indicates a sulfo group, etc., and R 6indicates and amino group, or a carboxy group etc.

No. of Pages : 31 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : TETRAKIS -AZO COMPOUND FOR BLACK COLORS DYE COMPOSITION INCLUDING SAME AND DYEING METHOD USING SAME

| | :2013068586 :28/03/2013 :Japan | (71)Name of Applicant : 1)NIPPON KAYAKU KABUSHIKI KAISHA Address of Applicant :1 1 Marunouchi 2 chome Chiyoda ku Tokyo 1000005 Japan (72)Name of Inventor : 1)SASAKI Keijou 2)YAMAMOTO Nobutaka |
|---|--------------------------------------|---|
| (87) International Publication | :WO 2014/156852 | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

Provided is a tetrakis- azo compound represented by general formula (1), or a salt thereof as an azo dye compound for black colors The compound is suitable for use with paper and pulp, has superior dyeing properties and light resistance, and can be produced without using dianisidine which is a Class 1 Specified Chemical Substance. In the formula (1), R represents a phenylamino group and A represents a substituent group represented by formula (2) or formula (3). In formulas (2) and (3), R2, R3, R4 and R5 each independently represents a sulfo group or a carboxy group ,etc.

No. of Pages : 32 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :23/11/2012

(43) Publication Date : 18/03/2016

| (51) International classification | :B66F | (71)Name of Applicant : |
|--|--------------------|--|
| (31) Priority Document No | :61/330,935 | 1)OERLIKON TRADING AG TRUBBACH |
| (32) Priority Date | :04/05/2010 | Address of Applicant : Hauptstrasse CH-9477 Trubbach |
| (33) Name of priority country | :U.S.A. | Switzerland |
| (86) International Application No | :PCT/EP2011/001856 | (72)Name of Inventor : |
| Filing Date | :13/04/2011 | 1)MARKUS LECHTHALER |
| (87) International Publication No | :WO/2011/137967 | |
| (61) Patent of Addition to Application | :NA | |
| Number | :NA | |
| Filing Date | | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | • |

(54) Title of the invention : METHOD FOR SPARK DEPOSITION USING CERAMIC TARGETS •

(57) Abstract :

The present invention relates to an arc deposition source, comprising an electrically conductive ceramic target plate (1), on the back of which a cooling plate (10) is provided, wherein a shield (3) is provided in the central area on the surface to be coated so that the cathode spot of the arc does not reach the central area (6) of the surface during operation of the deposition source.

No. of Pages : 13 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :19/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : RESIN COMPOSITION

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application | : Japan :PCT/JP2011/068703 :18/08/2011 :WO 2012/023589 :NA :NA | (71)Name of Applicant : 1)KAO CORPORATION Address of Applicant :14 10 Nihonbashi Kayabacho 1 chome Chuo ku Tokyo 1038210 Japan (72)Name of Inventor : 1)SAWADA Hiroki 2)MORI Masahiro |
|--|---|---|
| Number Filing Date | :NA :NA | |

(57) Abstract :

Disclosed is a resin composition which contains an aliphatic polyester and an ester compound that contains a carboxylic acid ester obtained using (1) a monohydric alcohol having an alkyl group with 1-4 carbon atoms, (2) a dicarboxylic acid having an alkylene group with 2-4 carbon atoms and (3) a dihydric alcohol having alkylene group with 2-6 carbon atoms, said ester compound having an acid value of 1.00 mgKOH/g or less, a hydroxyl number of 5.0 mgKOH/g or less, and a number average molecular weight of 300-700. Since the resin composition is suppressed in generation of volatile compounds, the resin composition is suitable for use in various industrial applications such as daily products, household appliance components and automobile components.

No. of Pages : 83 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : COMPOSITE STRUCTURES HAVING IMPROVED HEAT AGING AND INTERLAYER BOND STRENGTH

| (51) International classification (31) Priority Document No | n:B32B5/26,B32B17/02,B32B17/10 :61/408166 | (71)Name of Applicant : 1)E. I. DU PONT DE NEMOURS AND COMPANY |
|---|--|---|
| (32) Priority Date | :29/10/2010 | Address of Applicant :1007 Market Street Wilmington |
| (33) Name of priority country | :U.S.A. | Delaware 19898 U.S.A. |
| (86) International Application No Filing Date (87) International Publication No | :PCT/US2011/058005 :27/10/2011 :WO 2012/058379 | (72)Name of Inventor : 1)ELIA Andri E. 2)KIRCHNER Olaf Norbert 3)WAKEMAN Martyn Douglas 4)YUAN Shengmei |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

The present invention relates to the field of composite structures having improved heat aging and interlayer adhesion properties processes for making them and end use articles. Composite structures comprising a first component and a second component which is overmolded onto the first component and wherein the surface of the first and optionally of second component comprise a copper based heat stabilizer have excellent inter component bond strength and heat stability. The copper based heat stabilizers provide superior bond strength between components compared to polyhydric alcohol based heat stabilizers.

No. of Pages : 38 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :26/07/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : A METHOD FOR INDIVIDUALLY SERVICING A PLURALITY OF ZONES OF A SUBTERRANEAN FORMATION

| classification :E21B43/14,E21B34/14,E21B43/12 1) (31) Priority Document No :13/025039 1) (32) Priority Date :10/02/2011 770 (33) Name of priority country :U.S.A. 2) (86) International Application :PCT/GB2012/000139 (72) | 71)Name of Applicant : 1)HALLIBURTON ENERGY SERVICES INC. Address of Applicant :10200 Bellaire Boulevard Houston TX 7072 U.S.A. 2)NA 72)Name of Inventor : 1)HOWELL Matthew Todd |
|---|---|
|---|---|

(57) Abstract :

A method of servicing a subterranean formation (102) comprising providing a first sleeve system (200a) comprising a first one or more ports and being transitionable from a first mode to a second mode and from the second mode to a third mode and a second sleeve system (200b) comprising a second one or more ports and being transitionable from a first mode to a second mode and from the second mode to a third mode wherein in the first mode and the second mode fluid communication via the one or more ports of the first or second sleeve system is restricted and wherein in the third mode fluid may be communicated via the one or more ports of the first or second sleeve system transitioning the first and second sleeve systems to the second mode and allowing the first sleeve system to transition from the second mode to the third mode.

No. of Pages : 65 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : RETAIL ITEM MANAGEMENT USING WIRELESS SENSOR NETWORKS

(57) Abstract :

A system for identifying handling events of an item is provided. The system includes at least one wireless sensor node, WSN, tag associable with the item. The WSN tag includes a transceiver and at least one sensor. The at least one sensor is configured to generate sensor data based at least in part on motion of the wireless sensor node. The WSN tag includes a memory configured to store at least one event filter and the sensor data. The WSN tag further includes a tag processor that is configured to filter the sensor data based on the at least one event filter. The tag processor is configured to determine whether an event occurred based on the filtering of the sensor data and generate event t data in response to determining an event occurred. The tag processor is configured to cause the transceiver to transmit the event data.

No. of Pages : 45 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :22/04/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : NOVEL INFLUENZA HEMAGGLUTININ PROTEIN BASED VACCINES

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :A61K39/145 :61/538663 :23/09/2011 :U.S.A. :PCT/US2012/056822 :24/09/2012 :WO 2013/044203 :NA :NA :NA :NA | (71)Name of Applicant : 1)THE UNITED STATES OF AMERICA as represented by THE SECRETARY DEPARTMENT OF HEALTH & HUMAN SERVICES Address of Applicant :Office of Technology Transfer National Institutes of Health 6011 Executed Boulevard Suite 325 MSC 7660 Bethesda MD 20892 7660 U.S.A. (72)Name of Inventor : 1)NABEL Gary J. M.D. 2)KANEKIYO Masaro 3)WEI Chih Jen 4)MCTAMNEY Patrick M. 5)YASSINE Hadi M. 6)BOYINGTON Jeffrey C. |
|--|---|---|
|--|---|---|

(57) Abstract :

Novel vaccines are provided that elicit broadly neutralizing anti influenza antibodies. Some vaccines comprise nanoparticles that display hemagglutinin trimers from influenza virus on their surface. The nanoparticles comprise fusion proteins comprising a monomeric subunit of ferritin joined to at least a portion of an influenza hemagglutinin protein. Some portions comprise the ectodomain while some portions are limited to the stem region. The fusion proteins self assemble to form the hemagglutinin displaying nanoparticles. Some vaccines comprise only the stem region of an influenza hemagglutinin protein joined to a trimerization domain. Such vaccines can be used to vaccinate an individual against infection by heterologous influenza viruses and influenza virus that are antigenically divergent from the virus from which the nanoparticle hemagglutinin protein was obtained. Also provided are fusion proteins and nucleic acid molecules encoding such proteins.

No. of Pages : 336 No. of Claims : 78

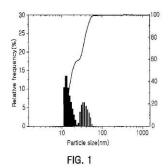
(22) Date of filing of Application :03/10/2011

(54) Title of the invention : STAINLESS STEEL MATERIAL HAVING OUTSTANDING HIGH-TEMPERATURE STRENGTH, AND A PRODUCTION METHOD THEREFOR

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :C22C 38/40 :KR 10-2009- 0019174 :06/03/2009 :Republic of Korea | (71)Name of Applicant : 1)KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY Address of Applicant :39-1 HAWOLGOK-DONG, SEONGBUK-GU, SEOUL 136-791, REPUBLIC OF KOREA Republic of Korea 2)POSCO SPECIALTY STEEL CO., LTD (72)Name of Inventor : 1)LEE, SEUNG-CHEOL 2)PARK, DAE-BUM 3)JUNG, WOO-SANG 4)KIM, DONG-IK 5)SHIM, JAE-HYEOK 6)LEE, YOUNG-SU 7)KIM, DEOG-RYUNG 8)LEE, DONG-HEE |
|---|---|---|
|---|---|---|

(57) Abstract :

Provided are a stainless steel having excellent high-temperature strength and a method of manufacturing the same, and more particularly, an austenitic stainless steel having excellent high-temperature and creep strength as well as excellent corrosion resistance able to be used in high-temperature corrosive environments such as power plants and a method of manufacturing the same. The stainless steel of the present invention may have a precipitation index of 1.5 to 2.5. Figure: 1



No. of Pages : 34 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :24/01/2013

(43) Publication Date : 18/03/2016

| (51) International classification | :H04W16/10 | (71)Name of Applicant : |
|--|--------------------|---|
| (31) Priority Document No | :201010236092.5 | 1)ZTE CORPORATION |
| (32) Priority Date | :23/07/2010 | Address of Applicant :ZTE Plaza Keji Road South Hi Tech |
| (33) Name of priority country | :China | Industrial Park Nanshan Shenzhen Guangdong 518057 China |
| (86) International Application No | :PCT/CN2010/078028 | (72)Name of Inventor : |
| Filing Date | :22/10/2010 | 1)SONG Duancheng |
| (87) International Publication No | :WO 2012/009896 | 2)YANG Minggui |
| (61) Patent of Addition to Application | :NA | 3)XIAO Benrong |
| Number | :NA | |
| Filing Date | .11A | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | ł |

(54) Title of the invention : METHOD FOR IMPLEMENTING PRIORITY BASED CALL ACCESS

(57) Abstract :

A method for implementing priority based call access is disclosed in the present invention. A Mobile Switching Center emulation (MSCe) encapsulates the priority level information of the current call into the message which notifies the Media Gateway (MGW) the creating of terminal. The MGW acquires the priority level of said current call; the MGW applies for the call related source of the current call, and processes the priority based call access according to the priority level of the current call when the call related source which the MGW applies for is busy. The present invention also discloses a system for implementing priority based call access. The solutions in the present invention enables the MGW to apply for the call related source according to the priority access, enriches and perfects the priority based call access of the communication network, and has an extensive application prospect.

No. of Pages : 24 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : HETEROCYCLIC COMPOUND

| classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | 2013070477 28/03/2013 Japan PCT/JP2014/058999 27/03/2014 WO 2014/157569 | (71)Name of Applicant : 1)TAKEDA PHARMACEUTICAL COMPANY LIMITED Address of Applicant :1 1 Doshomachi 4 chome Chuo ku Osaka shi Osaka 5410045 Japan (72)Name of Inventor : 1)YOSHIDA Masato 2)NAGAMIYA Hiroyuki 3)OHBA Yusuke 4)SETO Masaki 5)YOGO Takatoshi 6)SASAKI Satoshi 7)TOKUNAGA Norihito 8)ASO Kazuyoshi |
|--|--|--|
|--|--|--|

(57) Abstract :

Provided is a compound having an excellent JAK- inhibiting effect, the compound being is useful as an agent for the prevention or treatment of autoimmune diseases (rheumatoid arthritis ,psoriasis , inflammatory bowel disease , Sjogren s syndrome , Behcet s disease , multiple sclerosis , systemic lupus erythematosus , and the like) and cancer (leukemia , uterine leiomyosarcoma prostate cancer , multiple myeloma , cachexia myelofibrosis , and the like) or a salt thereof. The invention relates to a compound represented by formula (I) [in the formula , each symbol is as defined in the specification] or a salt thereof.

No. of Pages : 550 No. of Claims : 16

(21) Application No.9794/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : AGROBACTERIUM BACTERIUM TO BE USED IN PLANT TRANSFORMATION METHOD

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No | :C12N15/09,A01H1/00,A01H5/00 :2013072177 :29/03/2013 :Japan :PCT/JP2014/058926 :27/03/2014 :WO 2014/157541 | (71)Name of Applicant : 1)JAPAN TOBACCO INC. Address of Applicant :2 1 Toranomon 2 chome Minato ku Tokyo 1058422 Japan (72)Name of Inventor : 1)IMAYAMA Teruyuki 2)HIEI Yukoh 3)ISHIDA Yuji |
|--|--|--|
| (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :NA :NA :NA :NA | |

(57) Abstract :

An bacterium to be used in a plant transformation method said bacterium containing three kinds of plasmids: (1) a plasmid comprising the following constituents (i) genes virB, virC, virD1, virD2, virD3, virG and virJ of pTiBo542, and (ii) a replication initiation point; (2) a disarmed Ti plasmid or a disarmed Ri plasmid of the bacterium; and (3) a plasmid having a T- DNA region comprising a desired DNA, wherein the plasmids (1) to (3) have replication mechanisms capable of coexisting with each other.

No. of Pages : 67 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification | :H02J3/18 | (71)Name of Applicant : |
|--|--------------------|---|
| (31) Priority Document No | :61/812694 | 1)ENECSYS LIMITED |
| (32) Priority Date | :16/04/2013 | Address of Applicant :Harston Mill, Royston Road, |
| (33) Name of priority country | :U.S.A. | Cambridge, Cambridgeshire CB22 7GG U.K. |
| (86) International Application No | :PCT/GB2014/051135 | (72)Name of Inventor : |
| Filing Date | :11/04/2014 | 1)GARRITY Paul |
| (87) International Publication No | :WO 2014/170643 | 2)JUNGREIS Aaron M. |
| (61) Patent of Addition to Application | :NA | |
| Number | :NA | |
| Filing Date | .1 12 1 | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | • |

(54) Title of the invention : POWER FACTOR ADJUSTMENT IN MULTI PHASE POWER SYSTEM

(57) Abstract :

A multi-phase power generation system (200) for renewable energy, in which reactive elements (i.e., capacitors and/or inductors) can be selectively switched in and out in order to meet a particular power factor requirement, is provided. Each phase (A,B,C) of the multi-phase power system (200) receives generated powers from a set of inverters (22 1 -229), and each phase (A,B,C) has a set (241 -243) of switch reactive elements for making power factor adjustments to the power generated by the set of inverters (221 -229). The power outputs of the set of inverters (221 -229) belonging to a particular phase (A,B,C) are combined into a one combined ac power output, and the power factor adjustment for that particular phase (A,B,C) is performed on the combined power output by the set (241 -243) of the switch reactive elements of that particular phase (A,B,C). In some embodiments, at least some of the inverters (221 -229) are micro -inverters that convert DC power from one or two solar panels (23 1 -239) to AC power.

No. of Pages : 66 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification | :C10G45/00 | (71)Name of Applicant : |
|---|--------------------|--|
| (31) Priority Document No | :13/904061 | 1)UOP LLC |
| (32) Priority Date | :29/05/2013 | Address of Applicant :25 East Algonquin Road P. O. Box |
| (33) Name of priority country | :U.S.A. | 5017 Des Plaines Illinois 60017 5017 U.S.A. |
| (86) International Application No | :PCT/US2014/035128 | (72)Name of Inventor : |
| Filing Date | :23/04/2014 | 1)ZINK Steven F. |
| (87) International Publication No | :WO 2014/193566 | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | • |

(54) Title of the invention : PROCESS FOR TREATING A NAPHTHA STREAM

(57) Abstract :

One exemplary embodiment can be a process for treating a naphtha stream. The process may include providing the naphtha stream to a fractionation zone. The fractionation zone may include a fractionation column producing a first stream having one or more C5 hydrocarbons and a second stream withdrawn at a lower elevation on the fractionation column than the first stream and having one or more C5+ hydrocarbons, and sending at least a portion of the second stream to an aromatics complex for producing at least one of benzene, toluene and para- xylene.

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

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

| (54) Title of the invention : FIL | TER UNIT FOR A CAPSULE | |
|--|--|--|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :A23L1/29,A47J31/06,A47J31/36 :13172458.5 :18/06/2013 :EPO :PCT/EP2014/061521 :04/06/2014 :WO 2014/202383 :NA :NA :NA | (71)Name of Applicant : NESTEC S.A. Address of Applicant :Av. Nestl 55 CH 1800 Vevey Switzerland (72)Name of Inventor : KOHLI Hans Markus ABRAHAM Sophie WYSS Heinz SUBLET Renaud |

(57) Abstract :

The present invention provides a filter unit 10 for a capsule for preparing a beverage and/or nutritional product. The filter unit is designed to avoid clogging. The filter unit therefore comprises a second filter 50, which is provided upstream a first filter 40in respect to the liquid flow through the filter unit 10. The second filter 50has a pore size to hold back large particles such as scale, bio-film or iron oxide. The present invention is able to ensure a consistent liquid flow through the filter unit can be used with any kind of liquid source.

No. of Pages : 22 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

| (* *) | | 1 |
|---|---|--|
| (51) International classification(31) Priority Document No(32) Priority Date | :F16H45/02 :NA :NA | (71)Name of Applicant : 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant :1 Toyota cho Toyota shi Aichi 471857 |
| (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :NA :PCT/JP2013/061743 :22/04/2013 :WO 2014/174563 :NA :NA :NA :NA | Japan (72)Name of Inventor : 1)AMANO Hiroyuki 2)MIYAHARA Yu 3)AIJIMA Shingo 4)YOSHINO Hirotsugu |

(54) Title of the invention : FLUID TRANSMISSION DEVICE

(57) Abstract :

The purpose of the present invention is to provide a fluid transmission device capable of effectively utilizing the space inside a cover member while also manifesting adequate performance as a device for attenuating twisting vibrations. A fluid transmission device provided with: a cover member for holding a fluid; a pump impeller; a turbine runner; a lock -up clutch , which is operated by fluid pressure and is for selectively connecting the cover member with the output shaft; a damper mechanism having an elastic member; and a pendulum vibration damper having a rotating member that rotates integrally with the output shaft and an inertial mass capable of rotating relative to the output shaft. In the fluid transmission device , the turbine runner , damper mechanism, lock- up clutch and pendulum vibration damper are disposed inside the cover member in said order in the axial direction of the output shaft.

No. of Pages : 28 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : IMPROVING TEREPHTHALIC ACID PURGE FILTRATION RATE BY CONTROLLING % WATER IN FILTER FEED SLURRY Т

(57) Abstract :

The process relates improving the recovery of a metal catalyst from an oxidizer purge stream produced in the synthesis of carboxylic acid typically terephthalic acid while utilizing pressure filtration.

No. of Pages : 35 No. of Claims : 23

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : IMPROVING TEREPHTHALIC ACID PURGE FILTRATION RATE BY CONTROLLING % WATER IN FILTER FEED SLURRY Т

(57) Abstract :

The process relates improving terephthalic acid purge filtration rate by controlling % water in filter feed slurry and to the recovery of a metal catalyst from an oxidizer purge stream produced in the synthesis of carboxylic acid typically terephthalic acid while utilizing pressure filtration.

No. of Pages : 33 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD FOR REDUCING THE RISK OF ROLLOVER OF AN AUTOMOTIVE VEHICLE PROVIDED WITH A CONTROLLABLE SUSPENSION SYSTEM

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :B60G1//016 :1352736 :26/03/2013 :France :PCT/EP2014/056011 :26/03/2014 | (71)Name of Applicant : 1)UNIVERSIT‰ BLAISE PASCAL CLERMONT II Address of Applicant :34 avenue Carnot F 63006 Clermont Ferrand Cedex 1 France 2)INSTITUT NATIONAL DE RECHERCHE EN SCIENCES ET TECHNOLOGIES POUR LENVIRONNEMENT ET LAGRICULTURE (72)Name of Inventor : 1)LENAIN Roland 2)BOUTON Nicolas 3)RICHIER Mathieu 4)DIEUMET Denis 5)THUILOT Beno®t |
|---|--|--|
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(57) Abstract :

The invention relates to a method comprising: a first step of calculating, on the basis of a plurality of signais delivered by sensors (28, 29) of the controllable suspension System, a measured quantity (TCm) as an active value (TC) of a load transfer; a second step of calculating an estimated quantity (TCe), on the basis of signais delivered by kinematic sensors (50-58) placed onboard the vehicle and a dynamic model of the vehicle, said estimated quantity being taken as an active value of the load transfer when the measured quantity is not available; a step of evaluating the risk of rollover on the basis of the active value (TC) of the load transfer; and, in the event of an increased risk of rollover, a step of mission of a safety signal (S).

No. of Pages : 21 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : NOVEL VIRAL REPLICATION INHIBITORS

| (51) International classification:C07D403/12,C07D401/14,C07D405/14(31) Priority Document No:1305376.4(32) Priority Date (33) Name of priority country:25/03/2013(33) Name of priority country:U.K.(86) International Filing Date:PCT/EP2014/055946(87) International Publication No (61) Patent of Addition to Filing Date:WO 2014/154682(87) International Filing Date:NA(86) Divisional to Application Number Filing Date:NA(87) International Filing Date:NA(87) International Filing Date:NA(87) International Filing Date:NA(87) International Filing Date:NA(87) International Filing Date:NA(87) International Filing Date:NA(91) Patent of Addition to Filing Date:NA(92) Divisional to Filing Date:NA(93) Divisional to Filing Date:NA(94) Divisional to Filing Date:NA(95) Divisional to Filing Date:NA(94) Date:NA(95) Divisional to Filing Date:NA(95) Date:NA <th> (71)Name of Applicant : 1)KATHOLIEKE UNIVERSITEIT LEUVEN Address of Applicant :KU Leuven Research & Development Waaistraat 6 box 5105 B 3000 Leuven Belgium (72)Name of Inventor : 1)BARDIOT Dorothe 2)CARLENS Gunter 3)DALLMEIER Kai 4)KAPTEIN Suzanne 5)KOUKNI Mohamed 6)MARCHAND Arnaud 7)NEYTS Johan 8)SMETS Wim </th> | (71)Name of Applicant : 1)KATHOLIEKE UNIVERSITEIT LEUVEN Address of Applicant :KU Leuven Research & Development Waaistraat 6 box 5105 B 3000 Leuven Belgium (72)Name of Inventor : 1)BARDIOT Dorothe 2)CARLENS Gunter 3)DALLMEIER Kai 4)KAPTEIN Suzanne 5)KOUKNI Mohamed 6)MARCHAND Arnaud 7)NEYTS Johan 8)SMETS Wim |
|--|--|
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(57) Abstract :

The present invention relates to a series of novel compounds, methods to prevent or treat viral infections in animals by using the novel compounds and to said novel compounds for use as a medicine, more preferably for use as a medicine to treat or prevent viral infections, particularly infections with RNA viruses, more particularly infections with viruses belonging to the family of the Flaviviridae, and yet more particularly infections with the Dengue virus. The present invention furthermore relates to pharmaceutical compositions or combination preparations of the novel compounds, to the compositions or preparations for use as a medicine, more preferably for the prevention or treatment of viral infections. The invention also relates to processes for preparation of the compounds

No. of Pages : 178 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : SELF- ACTIVATED LIFTING VEST WITH SENSORY -FEEDBACK AND METHODS OF USE THEREOF

| (51) International classification | :A61F5/02 | (71)Name of Applicant : |
|--|--------------------|---|
| (31) Priority Document No | :61/804809 | 1)STRONG ARM TECHNOLOGIES INC. |
| (32) Priority Date | :25/03/2013 | Address of Applicant :125 Techpark Drive Rochester NY |
| (33) Name of priority country | :U.S.A. | 14623 U.S.A. |
| (86) International Application No | :PCT/US2014/031698 | (72)Name of Inventor : |
| Filing Date | :25/03/2014 | 1)PETTERSON Sean Michael |
| (87) International Publication No | :WO 2014/160693 | 2)HILLERY Justin Lamont |
| (61) Patent of Addition to Application | :NA | |
| Number | | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | L |

(57) Abstract :

Medical lifting devices and methods are disclosed. A lifting support device includes a garment configured to be worn by a user and at least one sensory feedback element. The sensory feedback element is coupled to the garment and is configured to provide sensory feedback to the user. The sensory feedback encourages the user to adopt an appropriate posture during a lifting operation. A lifting vest includes a load transfer element, a posture compliance element, a coupling device, and at least one sensory feedback element. The load transfer element is configured to transfer a weight of a load to a point over shoulders of a user and down to a lower torso of the user. The posture compliance element is configured to passively or actively enforce an appropriate back posture. The coupling device is configured to connect the load transfer element to the postural compliance element.

No. of Pages : 48 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : DEVICE FOR PRODUCING AN ELECTRIC FIELD IN AN EXHAUST GAS SYSTEM

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application N Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :13/09/2011 | (71)Name of Applicant : EMITEC GESELLSCHAFT FR EMISSIONSTECHNOLOGIE MBH Address of Applicant :Hauptstrae 128 53797 Lohmar Germany (72)Name of Inventor : BRCK Rolf HODGSON Jan VORSMANN Christian |
|--|-------------|---|
|--|-------------|---|

(57) Abstract :

Device (1) for producing an electric field (2) in an exhaust gas system (3) comprising an exhaust gas line (4) in which at least one electrode (5) is disposed that is contacted with a power supply unit (6) the at least one electrode (5) being designed to have at least one sheet metal element (7).

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

(19) INDIA

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : OVERMOLDED POLYAMIDE COMPOSITE STRUCTURES AND PROCESSES FOR THEIR PREPARATION

| (51) International classification | n:B32B5/26,B32B27/12,B32B27/34 | (71)Name of Applicant : |
|-----------------------------------|-----------------------------------|---|
| (31) Priority Document No | :61/408166 | 1)E. I. DU PONT DE NEMOURS AND COMPANY |
| (32) Priority Date | :29/10/2010 | Address of Applicant :1007 Market Street Wilmington |
| (33) Name of priority country | :U.S.A. | Delaware 19898 U.S.A. |
| (86) International Application | DCT/LIS2011/057045 | (72)Name of Inventor : |
| No | :PCT/US2011/057945 :27/10/2011 | 1)ELIA Andri E. |
| Filing Date | .27/10/2011 | 2)KIRCHNER Olaf Norbert |
| (87) International Publication | :WO 2012/058345 | 3)MESAROS David V. |
| No | :WO 2012/058345 | 4)WAKEMAN Martyn Douglas |
| (61) Patent of Addition to | :NA | 5)YUAN Shengmei |
| Application Number | :NA | |
| Filing Date | | |
| (62) Divisional to Application | :NA | |
| Number | :NA | |
| Filing Date | | |

(57) Abstract :

The present invention relates to the field of overmolded composites structures and processes for their preparation particularly it relates to the field of overmolded polyamide composite structures. The disclosed overmolded composite structures comprise i) a first component having a surface which surface has at least a portion made of a surface resin composition and comprising a fibrous material selected from non woven structures textiles fibrous battings and combinations thereof said fibrous material being impregnated with a matrix resin composition ii) a second component comprising an overmolding resin composition wherein said second component is adhered to said first component over at least a portion of the surface of said first component and wherein the surface resin composition is selected from polyamide compositions comprising a blend of two or more fully aliphatic polyamides having a melting point of at least 250°C and wherein the matrix resin composition is selected from polyamides having a melting point of at least 250°C.

No. of Pages : 30 No. of Claims : 18

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : A DEVICE FOR CONTINUOUS SEPARATION OF FISH BONE AND MEAT

| (51) International classification | | (71)Name of Applicant : |
|---|-----------|--|
| | A22C25/16 | 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL |
| (31) Priority Document No | :NA | RESEARCH |
| (32) Priority Date | :NA | Address of Applicant : ANUSANDHAN BHAWAN, RAFI |
| (33) Name of priority country | :NA | MARG, NEW DELHI - 110 001, INDIA. Delhi India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)KESTUR VENKATESH MURTHY |
| (87) International Publication No | : NA | 2)NARAYAN BHASKAR |
| (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 provides a device for continuous separation of fish bone and meat. The design so developed with a wide range of sizes and varieties of fishes. It carries out hygienic extraction of fish meat through mechanized operation as it has minimum crevice to avoid microbial growth/contamination. It reduces manual drudgery and initial investment or cost of machine.

No. of Pages : 13 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :16/09/2014

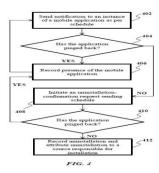
(43) Publication Date : 18/03/2016

(54) Title of the invention : SYSTEM FOR DETERMINING EFFECTIVENESS OF ADVERTISEMENT CAMPAIGNS

| (51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country | :G06Q30/00 :NA :NA :NA | (71)Name of Applicant : 1)HT Mobile Solutions Ltd Address of Applicant :Hindustan Times House, 18-20, Kasturba Gandhi Marg, New Delhi - 110 001, INDIA Delhi India |
|--|---------------------------------|---|
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)JAIN Adarsh |
| (87) International Publication No | : NA | 2)KATHURIA Vinish |
| (61) Patent of Addition to Application Number | :NA | 3)AGARWAL Shashank |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A system is provided. The system includes at least one processor. The processor may be configured to receive information associated with an instance of an application installed in a mobile communication device. Further, the processor may receive one or more notifications from the instance of the application confirming its presence in the mobile communication device. The processor may record un-installation of the instance of the application from the mobile communication device upon failure to receive expected one or more notifications confirming the presence of the application in the mobile communication device. The processor may further attribute the un-installation to at least a part of the information associated with the instance of the application. Reference figure: FIG. 4



No. of Pages : 20 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : PROPYLENE RANDOM COPOLYMER COMPOSITION FOR PIPE APPLICATIONS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application Na Filing Date (87) International Publication No (61) Patent of Addition to Application Number | :22/04/2014 | (71)Name of Applicant : 1)ABU DHABI POLYMERS CO. LTD (BOROUGE) L.L.C. Address of Applicant :Sheikh Khalifa Energy Complex Corniche Road P.O. Box 6925 Abu Dhabi U.A.E. 2)BOREALIS AG (72)Name of Inventor : 1)HEDESIU Cristian 2)ALASTALO Kauno |
|--|-------------------|---|
| Filing Date (62) Divisional to Application Number Filing Date | :NA :NA :NA | |

(57) Abstract :

The present invention relates to a polypropylene composition comprising a propylene random copolymer (A) with at least one comonomer selected from alpha-olefins with 2 or 4 to 8 carbon atoms and a nucleating agent (B), wherein the polypropylene composition has a polydispersity index (PI) of from 2.0 to 7.0, a melt flow rate MFR 2 (2: 16 kg, 230°C) of from 0.05 to 1.0 g/10min, determined according to ISO 1133 and a Charpy Notched Impact Strength at 0°C of at least 4.0 kj/m 2, determined according to ISO 179/IeA:2000 using notched injection moulded specimens, a process for producing said polypropylene composition, an article comprising said polypropylene composition and the use of said polypropylene composition for the production of an article.

No. of Pages : 50 No. of Claims : 16

(21) Application No.1543/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : BENZOCYCLOALKENES AS ANTIFUNGAL AGENTS

| (51) International classification:C07D231/14,C07D231/16,C07D307/68(71)Name of Applicant : 1)BAYER CROPSCIEN Address of Applicant : A Monheim Germany(31) Priority Document No:10356021.5 < | lfred Nobel Strasse 50 40789 e |
|--|-----------------------------------|
|--|-----------------------------------|

(57) Abstract :

The present invention relates to fungicidal benzocycloalkene carboxamides or their thiocarboxamide derivatives of formula (I) their process of preparation and intermediate compounds for their preparation their use as fungicides particularly in the form of fungicidal compositions and methods for the control of phytopathogenic fungi of plants using these compounds or their compositions.

No. of Pages : 73 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :21/02/2013

(43) Publication Date : 18/03/2016

| (51) International classification | :H01L29/18 | (71)Name of Applicant : |
|---|--------------------|--|
| (31) Priority Document No | :12/853812 | 1)CREE INC. |
| (32) Priority Date | :10/08/2010 | Address of Applicant :4600 Silicon Drive Durham NC 27703 |
| (33) Name of priority country | :U.S.A. | 8475 U.S.A. |
| (86) International Application No | :PCT/US2011/043539 | (72)Name of Inventor : |
| Filing Date | :11/07/2011 | 1)HUSSELL Christopher P. |
| (87) International Publication No | :WO 2012/021238 | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | |

(54) Title of the invention : LED PACKAGE WITH EFFICIENT ISOLATED THERMAL PATH

(57) Abstract :

Packages for containing one or more light emitting devices such as light emitting diodes (LEDs) are disclosed with an efficient isolated thermal path. In one embodiment LED package can include a thermal element and at least one electrical element embedded within a body. The thermal element and electrical element can have the same and/or substantially the same thickness and can extend directly from a bottom surface of the LED package such that they are substantially flush with or extend beyond the bottom surface of the LED package. The thermal and electrical element have exposed portions which can be substantially flush with lateral sides of the body such that the thermal and electrical element do not have a significant portion extending beyond an outermost edge of the lateral sides of the body.

No. of Pages : 25 No. of Claims : 26

(22) Date of filing of Application :15/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : SALIVARY BIOMARKERS FOR DIAGNOSIS, PROGNOSIS AND MONITORING SLEEPINESS AND SLEEP RELATED DISORDERS AND ALERTNESS

| (51) International classification | :G01N21/64, G01N33/53, G01N33/58 | (71)Name of Applicant : 1)BALWANT RAI Address of Applicant :Village-Bhangu, P.OSahuwala 1, |
|---|--|---|
| (31) Priority Document No | :NA | District-Sirsa, (Haryana), INDIA Haryana India |
| (32) Priority Date | :NA | 2)JASDEEP KAUR |
| (33) Name of priority country | :NA | (72)Name of Inventor : |
| (86) International Application No | :NA | 1)BALWANT RAI |
| Filing Date | :NA | 2)JASDEEP KAUR |
| (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 :

Salivary Biomarkers for diagnosis, prognosis and monitoring sleepiness &sleep related disorders and alertness This invention includes methods by which specific salivary biomarkers are used for diagnosis, prognosis, to monitor sleepiness; other sleep related disorders, diseases and sleep disturbance as well as alertness. Example:2

No. of Pages : 49 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :13/06/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : CONCENTRATED PHOTOVOLTAIC AND THERMAL SOLAR ENERGY COLLECTOR (51) International classification :H02N6/00 (71)Name of Applicant : 1) ELECTROTHERM SOLAR CORPORATION (31) Priority Document No :12/962650 (32) Priority Date Address of Applicant :4756 Beechwood Ave. Fremont CA :07/12/2010 (33) Name of priority country :U.S.A. 94536 U.S.A. (86) International Application No :PCT/US2010/059348 (72)Name of Inventor : Filing Date :08/12/2010 1)CORREIA David (87) International Publication No :WO 2012/078146 2)BRAIG Jim (61) Patent of Addition to Application **3)SHULENBERGER Arthur M.** :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

This invention relates to a solar energy collector that converts solar radiation into both electrical and thermal energy. More specifically this invention relates to a concentrating solar energy collector with an integrated construction that minimizes cost bulk and weight and maximizes overall efficiency. Typical non concentrating solar collectors use photovoltaic cells over the entirety of their surface. These solar cells are the most expensive part of the collector. This invention discloses using a reflector to concentrate the incident radiation on photovoltaic cells with one twentieth the area of the reflector and transferring the co generated thermal energy into a working fluid pumped through the cell support structure.

No. of Pages : 38 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : ACETABULAR IMPLANTALIGNMENT DEVICES AND METHODS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No | :A61F2/46,A61B17/17,A61F2/32 :61/816415 :26/04/2013 :U.S.A. :PCT/US2014/035535 :25/04/2014 :WO 2014/176548 | SMITH & NEPHEW INC. Address of Applicant :1450 Brooks Road Memphis TN 38116 U.S.A. Name of Inventor : KELMAN David C. CLAUSEN John D. ELLIOTT Maurice S. EVANS David L. |
|--|--|---|
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | 5)BELEW Kevin W. 6)RISTER David W. 7)FREDERICK Phillip E. |
| (62) Divisional to Application Number Filing Date | :NA :NA | 8)WALTER Russell |

(57) Abstract :

A trial medical instrument for aligning an acetabular component, comprising:a first portion configured to fit within a patients acetabulum; and a second portion extending from the first portion; wherein the second portion extends from the first portion in a direction that mimics a shape formed by a femoral implant component coupled with an acetabular implant component when a femur to which the femoral implant component is coupled is in a position relative to an acetabulum to which the acetabular implant component is coupled that is near an extent of a typical range of motion of the femur. As used herein, the phrase extent of a typical range of motion describes typical angular displacements of a femur as usually limited by patient anatomy.

No. of Pages : 45 No. of Claims : 62

(19) INDIA

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : ASTAXANTHIN ANTI INFLAMMATORY SYNERGISTIC COMBINATIONS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :A61K31/122,A61K31/01,A61K31/192 :61/803191 :19/03/2013 :U.S.A. :PCT/IL2014/050272 :13/03/2014 :WO 2014/147610 ' :NA :NA :NA | (71)Name of Applicant : 1)LYCORED LTD. Address of Applicant :P.O.Box 320 84102 Beer Sheva Israel (72)Name of Inventor : 1)LEVY Rachel 2)HADAD Nurit 3)SEDLOV Tanya 4)ZELKHA Morris |
|--|---|--|
|--|---|--|

(57) Abstract :

This invention is directed to compositions having synergistic combinations of astaxanthin with a tomato extract lycopene, and optionally with camosic acid and/or lutein. More specifically, the present invention provides compositions having synergistic combinations of the aforementioned compounds, which may be used, inter alia, to inhibit/ suppress inflammation via the suppression of the expression of anti-inflammatory mediators or via the suppression of the secretion of anti-inflammatory mediators from macrophages at a site of inflammation.

No. of Pages : 39 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : SOLAR CONTROL GLAZING COMPRISING TWO METAL LAYERS MADE FROM NICKEL

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (27) International Publication | ¹ :PCT/FR2014/050937 :17/04/2014 | (71)Name of Applicant : 1)SAINT GOBAIN GLASS FRANCE Address of Applicant :18 avenue dAlsace F 92400 Courbevoie France (72)Name of Inventor : 1)SINGH Laura Jane 2)PALACIOS LALOY Augustin 3)NICOLAS David |
|--|--|---|
| (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :WO 2014/170613 :NA :NA | |
| Filing Date | :NA | |

(57) Abstract :

A glazing having a solar control property comprising at least one glass substrate, said substrate being provided with a stack of layers, said glazing being characterised in that the stack comprises at least two functional layers essentially consisting of optionally nitrided nickel, each of said layers being separated from the next in the stack by an intermediate layer of a dielectric material or by a set of intermediate layers, the cumulative thickness of said intermediate layer or layers being between 5 and 45 nm.

No. of Pages : 20 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

:G06Q50/20 (71)Name of Applicant : (51) International classification :2013/02142 **1)NEL Christopher Charles** (31) Priority Document No (32) Priority Date Address of Applicant :25B Valley Drive Hillcrest Albinia :20/03/2013 (33) Name of priority country 3610 Durban South Africa :South Africa (86) International Application No :PCT/IB2014/059987 (72)Name of Inventor : Filing Date :20/03/2014 **1)NEL Christopher Charles** (87) International Publication No :WO 2014/147576 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : EDUCATION TRANSACTION SYSTEM AND METHOD FOR MANAGING THE SAME

(57) Abstract :

This invention relates to an education transaction system comprising a database storing educator data associated with an education institution such as a school, wherein the educator data comprises at least information indicative of education fees levied by the school; a selection module configured to receive an education institution nomination request, from a registered user of the system, to select a school; a cash collections module configured to receive monetary information indicative of a monetary amount associated with the registered user; a conversion processing module configured to process the received monetary information with the stored educator data associated with the selected education institution, or category thereof, to determine a number of school days, redeemable at the school, which the received monetary amount may purchase; and an associating module configured to associate the purchased school days with the registered user. The invention also relates to a method of operating said system.

No. of Pages : 48 No. of Claims : 37

(19) INDIA

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : MEDICAL DEVICES INCLUDING VIAL ADAPTER WITH INLINE DRY DRUG MODULE

| (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date | :A61M5/30,A61M5/28,A61M5/31 :61/821760 :10/05/2013 :U.S.A. :PCT/IL2014/050405 :05/05/2014 | 1)MEDIMOP MEDICAL PROJECTS LTD Address of Applicant :17 Hatidhar Street POBox 2499 43665 Raanana Israel (72)Name of Inventor : MARKS Hugh Zachary LEV Nimrod |
|--|--|--|
| (87) International Publication No | :WO 2014/181328 | 3)LEV Amir |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

Medical devices including a vial adapter (32) with an inline dry drug module(33) for use with a vial (20), a needleless syringe (10) and a carrier liquid (26) for filling the needleless syringe with an injection solution for injection to a patient. The inline dry drug modules (33) include a dry drug storage component (57) for storing a dry drug dosage and a uniform carrier liquid distribution component (58) for promoting uniform contact of the dry drug storage component by the carrier liquid to form an injection solution from the dry drug dosage. The inline dry drug modules can include a dis dry drug storage component and a discrete uniform carrier liquid distribution component or a dual purpose component for both drug storage and uniform carrier liquid distribution. The vial adapters can be provided in vented or non-vented versions.

No. of Pages : 18 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : DEVICE FOR MOVING AN ARRANGEMENT FOR CUTTING AND WELDING METAL STRIPS

| (51) International classification | :B23K37/02,B23K26/08,B23K26/26 | (71)Name of Applicant : 1)SIEMENS VAI METALS TECHNOLOGIES GMBH |
|---|-----------------------------------|---|
| (31) Priority Document No | :13290154.7 | Address of Applicant : Turmstrae 44 4031 Linz Austria |
| (32) Priority Date | :02/07/2013 | (72)Name of Inventor : |
| (33) Name of priority country | y:EPO | 1)THOMASSON Herve |
| (86) International Application No Filing Date | :PCT/EP2014/063419 :25/06/2014 | 2)RUESCH Jrmie 3)VERCASSON Cedric |
| (87) International Publication | WO 2015/000766 | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

The present invention describes a device for moving at least one cutting and welding arrangement able to cut, then weld a tail of a first metal strip (B1) with a head of a second metal strip (B2), said device comprising: - at least one first wagon (Ch1) maintaining at least one welding head (SI), said first wagon (Ch1) being movable over a guide path (Cg1) along a first journey (C1) sweeping a transverse strip region - at least one second wagon (Ch2) movable separately from the first wagon maintaining a cutting head (DI), said second wagon (Ch2) being movable on a guide path (Cg2) along a second journey (C2), the welding head (S1) is dedicated only to a welding mode, - the second wagon (Ch2) is dedicated exclusively to a cutting mode the two wagons (Ch1, Ch2) present in parking positions on either side of the tail and head widths of the strips (B1, B2). A welding method associated with the device according to the invention is also described. Device for moving an arrangement able to cut, then weld a tail of a first metal strip (B1) with a head of a second metal strip (B2), said device comprising: - at least one first wagon (Ch1) maintaining at least one welding head (SI), said first wagon (Ch1) being movable over a guide path (Cg1) along a first journey (C1) sweeping a transverse strip region, - at least one second wagon (Ch2) movable separately from the first wagon maintaining a cutting head (D1), said second wagon (Ch2) being movable over a guide path (Cg1) along a first journey (C1) sweeping a transverse strip region, - at least one second wagon (Ch2) movable separately from the first wagon maintaining a cutting head (D1), said second wagon (Ch2) being movable on a guide path (Cg2) along a second journey (C2) characterized in that the welding head (S1) is dedicated only to a welding mode, - the second wagon (Ch2) is dedicated exclusively to a cutting mode. A welding method associated with the device according to the invention is also described.

No. of Pages : 28 No. of Claims : 15

(22) Date of filing of Application :23/11/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : POLYMER-BONDED PERYLENE DYES AND COMPOSITIONS CONTAINING SAME • (51) International classification :C08F (71)Name of Applicant : (31) Priority Document No 1)SICPA HOLDING SA :61/348,106 (32) Priority Date Address of Applicant : Avenue de Florissant 41 1008 Prilly :25/05/2010 (33) Name of priority country Switzerland Switzerland :U.S.A. (86) International Application No :PCT/EP2011/058519 (72)Name of Inventor : **1)TILLER Thomas** Filing Date :25/05/2011 (87) International Publication No :WO/2011/147857 2)PASQUIER Cecile (61) Patent of Addition to Application 3)COMMEUREUC Aurlien Georges Jean :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A method of increasing the solubility and/or dispersibility of a perylene dye in a liquid medium. The method comprises binding the perylene dye to a polymer which is soluble in the liquid medium.

No. of Pages : 50 No. of Claims : 20

(22) Date of filing of Application :23/11/2012

(43) Publication Date : 18/03/2016

(51) International classification :C13H (71)Name of Applicant : (31) Priority Document No 1)CATERPILLAR INC. :12/790,402 (32) Priority Date Address of Applicant :100 N.E. ADAMS STREET PEORIA :28/05/2010 (33) Name of priority country IL 61629-9510 U.S.A. U.S.A. :U.S.A. (86) International Application No :PCT/US2011/037839 (72)Name of Inventor : Filing Date :25/05/2011 1)JOHNSON BRYAN A. (87) International Publication No :WO/2011/150010 2)BRINKMAN JASON L. (61) Patent of Addition to Application **3)TOGNETTI LAWRENCE J.** :NA Number 4)CESUR CHRIS R. :NA Filing Date **5)SPRING PETER** (62) Divisional to Application Number :NA **6)ZHANG JIAO** Filing Date :NA

(54) Title of the invention : HYDRAULIC SYSTEM HAVING IMPLEMENT AND STEERING FLOW SHARING

(57) Abstract :

A hydraulic system (34) for a machine (10) is disclosed. The hydraulic system may have a first pump (40) with variable displacement and being load- sense controlled and a first hydraulic circuit (36) associated with the first pump. The hydraulic system may also have a second pump (58) with variable displacement and being electro-hydraulically controlled and a second hydraulic circuit (38) associated with the second pump. The hydraulic system may further have a flow-sharing valve (83) arrangement configured to selectively share fluid flow between the first and second hydraulic circuits. FIGURE.2

No. of Pages : 25 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : HETEROPOLY ACID PROMOTED CATALYST FOR SCR OF NOX WITH AMMONIA

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No | ¹ :PCT/EP2011/064793 :29/08/2011 | (71)Name of Applicant : 1)DANMARKS TEKNISKE UNIVERSITET Address of Applicant :Anker Engelundsvej 1 DK 2800 Kgs. Lyngby Denmark (72)Name of Inventor : 1)PUTLURU Siva Sankar Reddy 2)RIISAGER Anders 3)FEHRMANN Rasmus |
|--|--|--|
| (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :NA :NA ¹ :NA :NA | |

(57) Abstract :

The present invention concerns the selective removal of nitrogen oxides (NOx) from gases. In particular, the invention concerns a process, a highly alkali metal resistant heteropoly acid promoted catalyst and the use of said catalyst for removal of NOx from exhaust or flue gases, said gases comprising alkali or earth alkali metals. Such gases comprise for example flue gases arising from the burning of biomass, combined biomass and fossil fuel, and from waste incineration units. The process comprises the selective catalytic reduction (SCR) of NOx, such as nitrogen dioxide (NO2) and nitrogen oxide (NO) with ammonia (NH3) or a nitrogen containing compound selected from ammonium salts, urea or a urea derivative or a solution thereof as reductant.

No. of Pages : 59 No. of Claims : 22

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

| (54) Title of the invention : RECLINING | DEVICE | |
|---|---|---|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :B60N2/22,A47C1/025 :2010195503 :01/09/2010 :Japan :PCT/JP2011/062340 :30/05/2011 :WO 2012/029368 :NA :NA :NA :NA | (71)Name of Applicant : 1)SHIROKI CORPORATION Address of Applicant :2 Kirihara cho Fujisawa shi Kanagawa 2520811 Japan (72)Name of Inventor : 1)ITO Koji |

(57) Abstract :

A flange section (75) is formed on the entire outer peripheral surface of an operation shaft (77) along the circumferential direction of the outer peripheral surface. The flange section (75) protrudes in the radial direction of the operation shaft (77) and makes contact with the bottom (21a) of a ratchet (first member)(21) to prevent the operation shaft (77) from tilting in any direction relative to the bottom (21a) of the ratchet (21).

No. of Pages : 30 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : ENCAPSULATION BARRIER STACK COMPRISING DENDRIMER ENCAPSULATED NANOP ARTICLES

| (51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country | n:B32B7/02,B32B27/14,H05B33/04 :13166261.1 :02/05/2013 :EPO | (71)Name of Applicant : 1)TERA- BARRIER FILMS PTE LTD Address of Applicant :3 Research Link Singapore 117602 Singapore |
|--|--|---|
| (86) International Application No Filing Date (87) International Publication No | :PCT/SG2014/000196 :02/05/2014 :WO 2014/178798 | (72)Name of Inventor : 1)RAMADAS Senthil Kumar |
| (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :NA :NA :NA :NA | |

(57) Abstract :

Disclosed is an encapsulation barrier stack, capable of encapsulating a moisture and/or oxygen sensitive article and o comprising a multilayer film, wherein the multilayer film comprises: - one or more barrier layer(s) having low moisture and/or oxygen permeability, and - one or more sealing layer(s) arranged to be in contact with a surface of the at least one barrier layer, thereby covering defects present in the barrier layer, wherein the one or more sealing layer(s) comprise(s) a plurality of dendrimer encapsulated nanoparticles, the nanoparticles being reactive in that they are capable of interacting with moisture and/or oxygen to retard the permeation of moisture and/or oxygen through the defects present in the barrier layer.

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

(19) INDIA

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : CRYSTAL MODIFICATIONS OF ELOBIXIBAT

| classification:C07D281/10,A61R51/554,A61P1/16(31) Priority Document No:13505177(32) Priority Date:26/04/2013(33) Name of priority country:Sweden(86) International Application No:PCT/EP2014/05843225/04/2014:25/04/2014 | 71)Name of Applicant : 1)ELOBIX AB Address of Applicant :Arvid Wallgrens Backe 20 S 413 46 Gteborg Sweden 72)Name of Inventor : 1)BOHLIN Martin 2)TJERNELD Erica 3)VESTERMARK Andreas 4)YM‰N Ingvar |
|--|---|
|--|---|

(57) Abstract :

The present invention relates to crystal modifications of N-{(2R)-2-[({[3,3-dibutyl-7-(methyl-thio)-l,l-dioxido-5- phenyl-2,3,4,5- tetrahydro-l,5-benzothiazepin-8-yl]oxy}acetyl)amino]-2- phenylethanolyl} glycine (elobixibat), more specifically crystal modifications I, IV, MeOH-1, EtOH-1, 1-PrOH-1 and 2-PrOH-1. The invention also relates to a process for the preparation of these crystal modifications and to a pharmaceutical composition comprising crystal modification IV.

No. of Pages : 54 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : NONAQUEOUS ELECTROLYTE BATTERY

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :H01M10/0525,H01M4/131,H01M4/36 :2010198748 :06/09/2010 :Japan :PCT/JP2011/070123 :05/09/2011 :WO 2012/033035 ? :NA :NA :NA | (71)Name of Applicant : 1)SHIN-KOBE ELECTRIC MACHINERY CO., LTD., Address of Applicant :8-1, AKASHI-CHO, CHUO-KU TOKYO 104-0044 JAPAN, Japan 2)NTT FACILITIES, INC. (72)Name of Inventor : 1)TSUJIKAWA Tomonobu 2)ARAKAWA Masayasu 3)TERADA Masayuki 4)HAYASHI Koji |
|---|--|--|
|---|--|--|

(57) Abstract :

A nonaqueous electrolyte battery is provided with which it is possible to flatten voltage characteristics and thereby guarantee safety during a battery malfunction. A lithium ion secondary battery (20) has an electrode group (6) in which positive and negative pole plates are wound. The nonaqueous electrolyte is an EC and DMC mixed solvent to which LiBF 4 is added. The positive pole plate is obtained by forming a positive pole mix layer (W2), which comprises a positive pole active substance, at both surfaces of an aluminum foil (W1). A lithium-manganese-magnesium compound oxide having a spinel crystal structure is used for the positive pole mix layer (W6) comprising a phosphazene compound is formed at the surface of the positive pole mix layer (W2). The negative pole plate i s obtained by forming a negative pole mix layer (W4), which comprises a negative pole active substance, at both surfaces of a rolled copper foil (W3). A graphite material obtained by coating the surface of graphite with pyrolytic carbon i s used for the negative pole active substance. The phosphazene compound provides flame resistance, and the voltage characteristics are flattened by the graphite material.

No. of Pages : 33 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : LITHIUM ION SECONDARY BATTERY

(57) Abstract :

Provided is a lithium ion secondary ž battery with which it is possible to guarantee safety during a battery malfunction and prevent a reduction in high-performance discharge characteristics. The lithium ion secondary battery (1) has an electrode group (5) in which a positive-pole plate (2), which is a current collector where a positive-pole mix containing a posmve-pole active substance has been formed, and a negative-pole plate (3), which is a current collector where a negative-pole mix containing a negative-pole active substance has been formed, are wound with a porous separator (4) therebetween. A flame retardant is added to the positive-pole mix of the positive-pole plate (2), and the mode of the diameter of pores formed in the positive-pole mix as determined by a mercury porosimeter is within the range of 0.5 to 2.0 urn. A path for lithium ion movement and a path for electron movement during discharge are simultaneously guaranteed.

No. of Pages : 35 No. of Claims : 9

(19) INDIA

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

(43) Publication Date : 18/03/2016

(54) Title of the invention : A DEVICE FOR DIRECTING THE FLOW A FLUID USING A PRESSURE SWITCH :F15D1/02,F15B21/04 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)HALLIBURTON ENERGY SERVICES INC. :12/958625 (32) Priority Date Address of Applicant :10200 Bellaire Boulevard Houston TX :02/12/2010 (33) Name of priority country :U.S.A. 77072 U.S.A. (86) International Application No :PCT/US2011/059631 (72)Name of Inventor : Filing Date :07/11/2011 1)DYKSTRA Jason D. (87) International Publication No :WO 2012/074678 2)FRIPP Michael L. (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A device for directing the flow of a fluid comprises: a pressure pocket; a first fluid passageway; a pressure source; and a pressure switch wherein the first fluid passageway operationally connects at least the pressure pocket and the pressure source and wherein the pressure switch is positioned adjacent to the pressure source. According to an embodiment depending on at least one of the properties of the fluid that flows into the pressure pocket changes. In one embodiment the change is the fluid increasingly flows into the pressure pocket. In another embodiment the change is the fluid decreasingly flows into the pressure pocket. According to another embodiment a flow rate regulator comprises: the device for directing the flow of a fluid; a second fluid passageway; a third fluid passageway.

No. of Pages : 30 No. of Claims : 45

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : STEEL SHEET

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date Filing Date | :PCT/JP2014/061573 :24/04/2014 :WO 2014/175381 :NA :NA | (71)Name of Applicant : NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan (72)Name of Inventor : MOROHOSHI Takashi ARAMAKI Takashi 3)ZEZE Masafumi |
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(57) Abstract :

This steel sheet has given chemical components in which the contents in mass% of the elements satisfy both the relationship 0.3000 < Ca/40.88 + (REM/140)/2 / (S/32.07) and the relationship Ca<0.0058 0.0050—C the population density of Ti- containing carbonitride grains which are present separately and have a major axis length of 5 µm or greater being 5 grains/mm or less.

No. of Pages : 55 No. of Claims : 5

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

| (54) Title of the invention : A GLOSSY CONTAINER | | |
|---|------------|--|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No | | (71)Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY Address of Applicant :One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A. (72)Name of Inventor : 1)WANG Ping 2)YANG Liang |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

A blow-molded container comprises a layer having a thermoplastic material and an additive, wherein the thermoplastic material and the additive have a Solubility Parameter difference of from about 0.5call/2cm-3/2to about20call/2cm-3/2, and have a Refractive Index difference of from about. Ito about 1.5. Such a container has a desirable glossy appearance.

No. of Pages : 27 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : LUBRICATING SHAVING AID MEMBER (51) International classification :A61Q9/02,A61K8/86,B26B21/44 (71)Name of Applicant : (31) Priority Document No :61/815459 **1)THE GILLETTE COMPANY** (32) Priority Date :24/04/2013 Address of Applicant : World Shaving Headquarters IP/Legal (33) Name of priority country Patent Department 3E One Gillette Park Boston Massachusetts :U.S.A. 02127 U.S.A. (86) International Application :PCT/US2014/034770 (72)Name of Inventor: No :21/04/2014 Filing Date **1)STEPHENS Alison Fiona** 2)JONES Neil John (87) International Publication :WO 2014/176153 No **3)BRADFORD Valerie Jean** (61) Patent of Addition to **4)BAXTER Elaine Alice Marie** :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A shaving aid member comprising a lubricating material, the lubricating material comprising a water soluble polymer having an average molecular weight of at least 5,000, and a copolymer of polyethylene oxide and polypropylene oxide.

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

(19) INDIA

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification | :F02D29/00 | (71)Name of Applicant : |
|--|--------------------|---|
| (31) Priority Document No | :2014019405 | 1)SUZUKI MOTOR CORPORATION |
| (32) Priority Date | :04/02/2014 | Address of Applicant :300 Takatsuka cho Minami ku |
| (33) Name of priority country | :Japan | Hamamatsu shi Shizuoka 4328611 Japan |
| (86) International Application No | :PCT/JP2015/052732 | (72)Name of Inventor : |
| Filing Date | :30/01/2015 | 1)MAEDA Sadaharu |
| (87) International Publication No | :WO 2015/119062 | |
| (61) Patent of Addition to Application | :NA | |
| Number | :NA | |
| Filing Date | NT 4 | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | |

(54) Title of the invention : INTERNAL COMBUSTION ENGINE CONTROL DEVICE

(57) Abstract :

The problem addressed by the present invention is to prevent the occurrence of engine stoppage even during a shifting operation in an internal combustion engine control device that is a so- called cooperative control device automatically controlling the internal combustion engine and a transmission , and that performs feedback control of the rotational frequency of the internal combustion engine with respect to the idling rotational frequency and when the vehicle is performing creep travel. The control device (5) is provided with a control means (6) that alters the lower limit value for the amount of feedback control in accordance with the engagement state of a clutch (3).

No. of Pages : 17 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : GRAVITY -ADAPTIVE CARD SEPARATION MECHANISM AND CARD DISTRIBUTION DEVICE WITH THE MECHANISM

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :G06K13/103 :201310291429.6 :11/07/2013 :China :PCT/CN2014/072046 :13/02/2014 :WO 2015/003494 :NA :NA :NA :NA | (71)Name of Applicant : 1)GRG HUITONG FINANCIAL SERVICES CO. LTD. Address of Applicant :9 Kelin Road Science City Luogang District Guangzhou Guangdong 510663 China (72)Name of Inventor : 1)LIU Junhua 2)GUAN Zeyan 3)YU Donggui 4)LIAO Qing |
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|---|---|---|

(57) Abstract :

A gravity- adaptive card separation mechanism (4), which keeps the friction forces of stacked hard cards basically consistent. The mechanism is arranged on a storage box (2) for storing stacked hard cards (1), and is used for separating the hard cards individually. The mechanism comprises: a support frame (42) which is used for installing and supporting a floating separation unit (41) and is relatively fixed and assembled with the storage box; and a floating separation unit which is provided with an installation plate (410), a card milling wheel (412) used for separating cards, a drive motor (413) used for providing a driving force for the card milling wheel, and limiting shafts (414) respectively arranged on the front and rear of the card milling wheel being installed on the mounting plate , wherein the support frame is provided with U -shaped guide groove (421) corresponding to the up and down floating stroke positions of the limiting shafts , the limiting shafts float in the U -shaped guide slots up and down , so that the floating separation unit floats in the support frame up and down , and a position detection unit used for detecting the maximum up and down floating stroke of the floating separation unit is arranged on the support frame.

No. of Pages : 15 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : POUCH COMPRISING A LIQUID DETERGENT COMPOSITION

| (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to | :C11D17/04,C11D3/30,C11D3/12 :61/816164 :26/04/2013 :U.S.A. :PCT/US2014/035231 :24/04/2014 :WO 2014/176392 :NA | 1)THE PROCTER & GAMBLE COMPANY Address of Applicant :One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A. (72)Name of Inventor : 1)TRUJILLO Rafael 2)BODET Jean Francois 3)BOUTIQUE Jean Pol 4)BIANCHETTI Giulia Ottavia 5)MAES Jef |
|---|---|---|
| Application Number Filing Date (62) Divisional to Application Number | :NA :NA :NA | 6)HUYGH Jarno Johan Chris |
| Filing Date | | |

(57) Abstract :

A pouch comprising a water-soluble film and a liquid detergent composition contained within the water-soluble film. The liquid detergent composition comprising: a) an alkanolamine; b) a sulfite; c) a perfume oil comprising aldehyde or ketone; and d) a sulfur-containing pro-perfume compound, delivers improved stability and perfume longevity.

No. of Pages : 39 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : POLYESTER IMIDE RESIN BASED VARNISH FOR LOW PERMITTIVITY COATING

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date | :Japan | (71)Name of Applicant : 1)SUMITOMO ELECTRIC INDUSTRIES LTD. Address of Applicant :5 33 Kitahama 4 chome Chuo ku Osaka shi Osaka 5410041 Japan 2)SUMITOMO ELECTRIC WINTEC INC. (72)Name of Inventor : 1)SAITO Hideaki 2)FURUYA Yudai |
|---|-------------------------------|--|
| (87) International Publication No (61) Patent of Addition to Application Number Filing Date | :WO 2012/026438 :NA :NA | 3)YOSHIDA Kengo 4)HATANAKA Yuji |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

Provided are: a varnish capable of forming a low permittivity insulating layer which comprises a polyester imide as the main component; and an insulated wire in which a low permittivity is attained using the varnish. The varnish comprises as the main component a polyester imide resin obtained by reacting a carboxylic component that consists of a carboxylic acid component containing a dicarboxylic acid or an anhydride or alkyl ester thereof with an alcohol component and a diamine compound. In the polyester imide resin the monomer composition is regulated so as to give a molar ratio (OH/COOH) of the hydroxyl of the alcohol component to the carboxyl of the carboxylic component of 1.9 or less or the content of imido (which exhibits high polarizability) per unit polyester imide molecular chain is reduced by increasing the molecular weights of the starting monomers. It is preferable to use as the starting monomers a carboxylic acid component containing a dicarboxylic acid having a molecular weight of 167 or more and/or a diamine compound having a molecular weight of 250 or more.

No. of Pages : 39 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : DEVICE FOR DISPLAYING CONTENT BY MEANS OF DESIGNATED WEBSITE AND DESIGNATED WEBPAGE RECOGNITION AND A METHOD FOR THE SAME

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :20/07/2011 :WO 2012/011736 :NA :NA | (71)Name of Applicant : 1)PARK Seong Kee Address of Applicant :101 601Yangcheon Apt. Sinjeong 7 dong 276 Yangcheon gu SEOUL 158 775 Republic of Korea (72)Name of Inventor : 1)PARK Seong Kee |
|--|--|--|
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

The present invention relates to a device and a method for displaying content by means of designated website and designated webpage recognition. Provided is a device for displaying content by means of designated website and designated webpage recognition comprising: an operations server incorporating a database in which at least one item of designated website and webpage data and at least one item of advertising content are matched and stored; and a user terminal having a user program provided from the operations server wherein advertising content matched with the webpage of the designated website is output upon sensing a predetermined mouse action in a predetermined area on the webpage of the designated website on the user terminal. Also provided is a

method in which the device is used.

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

(22) Date of filing of Application :20/10/2015

(21) Application No.9842/DELNP/2015 A

(43) Publication Date : 18/03/2016

(54) Title of the invention : THERMOPLASTIC POLYMERS

| (51) International classification | :B01D71/38 | (71)Name of Applicant : |
|--|-----------------|--|
| (31) Priority Document No | :1308559.2 | 1)COLORANT CHROMATICS AG |
| (32) Priority Date | :13/05/2013 | Address of Applicant :Gewerbestrasse 11 CH 6330 Cham |
| (32) Name of priority country | :U.K. | Switzerland |
| (86) International Application No | | (72)Name of Inventor : |
| Filing Date | :13/05/2014 | 1)OVEREND Andrew |
| (87) International Publication No | :WO 2014/184538 | 2)MOLONEY Steven John |
| (61) Patent of Addition to Application | . NT A | 3)KLAAS Bjrn |
| Number | :NA :NA | 4)BO Sjblom |
| Filing Date | INA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Thermoplastic polymers for example fluoropolymers, are foamed by use of a solid formulation comprising thermoplastic polymer and manganese oxalate.

No. of Pages : 24 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : NUCLEATING COMPOSITION AND THERMOPLASTIC POLYMER COMPOSITION COMPRISING SUCH NUCLEATING COMPOSITION

| (51) International classification :C08K3/34,C08K5/098,C08L23/14 (31) Priority Document No :13173015.2 (32) Priority Date :20/06/2013 (33) Name of priority country :EPO (86) International Application No :PCT/EP2014/062714 (87) International Publication No :WO 2014/202603 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (63) Date (64) Patent of Addition to Application Number Substrate (65) Divisional to Application Number Substrate (65) Divisional to Application Number Substrate (65) Divisional to Application Number Substrate (66) Divisional to Application Number Substrate (67) Divisional to Application Number Substrate (68) Divisional to Application Number Substrate (61) Patent Substrate (62) Divisional to Application Number Substrate (63) Divisional to Application Substrate (64) Patent Substrate (65) Divisional to Application Substrate (7) Divisional to Application Subs | (71)Name of Applicant : 1)SAUDI BASIC INDUSTRIES CORPORATION Address of Applicant :P.O. Box 5101 Riyadh 11422 Saudi Arabia 2)SABIC GLOBAL TECHNOLOGIES B.V. (72)Name of Inventor : 1)VANDEWIELE Kathleen Ann 2)MINTJENS Peter Heinrich Angeline Marcus 3)BIEMOND Gerard Jan Eduard 4)GOYVAERTS Diederik Margaretha 5)HERKLOTS Marc 6)WANROOLJ Paul Hans Pieter |
|--|---|
|--|---|

(57) Abstract :

The invention relates to a nucleating composition comprising: (a) a first nucleating agent , which comprises a cyclic dicarboxylate salt compound; and (b) a second nucleating agent which comprises talc, wherein the cyclic dicarboxylate salt compound has the formula (I):

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

(19) INDIA

(22) Date of filing of Application :20/10/2015

(54) Title of the invention : FUNCTIONAL FLUID

(43) Publication Date : 18/03/2016

| (51) International classification | :C11D3/20,C11D7/26,A61K8/37 | (71)Name of Applicant : |
|---|-----------------------------|--|
| (31) Priority Document No | :1306815.0 | 1)THOS. BENTLEY & SON LIMITED |
| (32) Priority Date | :15/04/2013 | Address of Applicant :Brookfoot House Low Lane Horsforth |
| (33) Name of priority country | :U.K. | Leeds West Yorkshire LS18 5PU U.K. |
| (86) International Application | :PCT/GB2014/051119 | (72)Name of Inventor : |
| No | :10/04/2014 | 1)COX Russell |
| Filing Date | .10/04/2014 | |
| (87) International Publication No :WO 2014/170641 | | |
| (61) Patent of Addition to | :NA | |
| Application Number | :NA | |
| Filing Date | .1 1/2 1 | |
| (62) Divisional to Application | :NA | |
| Number | :NA | |
| Filing Date | | |

(57) Abstract :

A functional fluid useful as an emulsion in a cleaning product or a personal care product is the esterification reaction product of a) a triglyceride or a fatty acid or a methyl ester of a fatty acid, and b) an alcohol which comprises bl) a polyglycerol having at least 3 glycerol units (preferably polyglycerol-4), and b2) glycerol and / or diglycerol. The functional fluid is effective as a stabiliser and as an emulsifier for o/w and w/o emulsions. When a triglyceride is used as a reactant, glycerol and fatty acids are generated in situ by an interesterification reaction. Preferred functional fluids provide the significant benefit that they may be mixed into an oil phase and in a water phase before such phases are mixed together, and that such processing may be carried out at ambient temperature.

No. of Pages : 19 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

| (54) Title of the invention : EXHAUST -GAS TURBOCHARGER | | |
|---|--|--|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :F02B39/14,F02B37/12 :102013005925.9 :04/04/2013 :Germany :PCT/US2014/031718 :25/03/2014 :WO 2014/165353 :NA :NA :NA :NA | (71)Name of Applicant : 1)BORGWARNER INC. Address of Applicant :Patent Department 3850 Hamlin Road Auburn Hills Michigan 48326 U.S.A. (72)Name of Inventor : 1)STILGENBAUER Michael 2)SCHALL Gerald 3)SAUERSTEIN Rolf 4)KOENIG Roman 5)RUH Matthias |

(57) Abstract :

The invention relates to an exhaust-gas turbocharger (1) having a compressor (2) which has a compressor housing (3); having a turbine (4) which has a turbine housing (5); and having a compressor-side and/or turbine-side charge pressure regulating device (6) which has a shut-off element (7) which opens or closes a flow opening (9), wherein the shut-off element (7) is in the form of a slide which is mounted on a guide (8) so as to be longitudinally displaceable along a longitudinal central line (LM8) of the guide (8), and the flow opening (9) is arranged at least substantially at a right angle () with respect to the longitudinal central line (LM8) of the guide (8).

No. of Pages : 12 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : EVAPORATOR AND METHOD FOR PRODUCING SYNTHETIC FUSED QUARTZ

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number | :PCT/EP2014/000660 :12/03/2014 :WO 2014/187513 :NA | (71)Name of Applicant : 1)HERAEUS QUARZGLAS GMBH & CO. KG Address of Applicant :Quarzstrae 8 63450 Hanau Germany (72)Name of Inventor : 1)BADEKE Klaus Uwe 2)TROMMER Martin |
|---|---|---|
| Filing Date | :NA | |
| (62) Divisional to Application Number Filing Date | ¹ :NA :NA | |

(57) Abstract :

The invention relates to a method for producing fused quartz, in which (a) a suitable liquid Starter material is evaporated by it being sprayed into a vertical evaporation Chamber, (b) the vaporous Starter material is oxidised to form S1O2, and (c) the S1O2 is collected. The method is characterised in that the Starter material to be evaporated is sprayed in at the base of the evaporation Chamber and the vaporous Starter material is removed at the head end of the evaporation Chamber, said Chamber being constructed such that components separated in the Chamber accumulate at the base of the evaporator and are re-sprayed. The invention also relates to an evaporator for carrying out this method.

No. of Pages : 22 No. of Claims : 26

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : A GLOSSY CONTAINER

| (51) International classification | :B32B27/32,C08L101/12 | (71)Name of Applicant : |
|---|-----------------------|--|
| (31) Priority Document No | :PCT/CN2013/074834 | 1)THE PROCTER & GAMBLE COMPANY |
| (32) Priority Date | :26/04/2013 | Address of Applicant : One Procter & Gamble Plaza Cincinnati |
| (33) Name of priority country | :China | Ohio 45202 U.S.A. |
| (86) International Application No | :PCT/CN2014/075680 | (72)Name of Inventor : |
| Filing Date | :18/04/2014 | 1)WANG Ping |
| (87) International Publication No | :WO 2014/173253 | 2)YANG Liang |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

A blow-molded container comprises a layer having a thermoplastic material and an additive, wherein the thermoplastic material and the additive have a Solubility Parameter difference of from about0.5call/2cm-3/2to about20call/2cm-3/2, and have a Refractive Index difference of from about0.OOlto about0. 1.Such a container has a desirable glossy appearance.

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

(21) Application No.9833/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification | :B61D35/00,B61K13/00 | (71)Name of Applicant : |
|--|----------------------|---|
| (31) Priority Document No | :13160596.6 | 1)LW GROUP |
| (32) Priority Date | :22/03/2013 | Address of Applicant :Esdoornlaan 10 B 2980 Zoersel |
| (33) Name of priority country | :EPO | Belgium |
| (86) International Application No | :PCT/EP2014/055860 | (72)Name of Inventor : |
| Filing Date | :24/03/2014 | 1)KUYSTERS Wim |
| (87) International Publication No | :WO 2014/147259 | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(54) Title of the invention : SUCTION SYSTEM FOR CLEANING TRAINS

(57) Abstract :

System comprising at least two separate suction units, with the first suction unit for suction of liquids, for example sewage, being connected to a liquid container for storing the sucked liquid and with the second suction unit for suction of aerosols, for example liquid aerosols and/or solid aerosols, being connected to an aerosol container for storing the sucked aerosols, wherein the two suction units are connected to a single line, to which at least a first suction inlet for liquids, for example sewage and a second suction inlet for aerosols, for example solid and/or liquid aerosols, are connected, with at least one valve arranged such that at suction of the second suction unit the first suction inlet is substantially closed.

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

(19) INDIA

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHODS DEVICES AND SYSTEMS FOR SAMPLE ANALYSIS

| (51) International classification | :G01N33/48,C12M3/00,G06M11/02 | (71)Name of Applicant : 1)THERANOS INC. |
|---|--|--|
| (31) Priority Document No | :61/805900 | Address of Applicant :1701 Page Mill Rd Palo Alto CA 94304 |
| (32) Priority Date | :27/03/2013 | U.S.A. |
| (33) Name of priority country | y:U.S.A. | (72)Name of Inventor : |
| (86) International Application No Filing Date | ⁿ :PCT/US2014/032071 :27/03/2014 | 1)YOUNG Daniel 2)HOLMES Elizabeth A. |
| (87) International Publication | ¹ :WO 2014/160891 | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

Methods, devices, and systems for analyzing biological samples are provided. A biological sample may be analyzed for the presence of an analyte by an initial assay, and the performance of, or method of performance of, a subsequent assay may be contingent upon the results of the initial assay. For example, the following may be contingent on the results of a prior assay: whether or not a subsequent assay is performed; which subsequent assay is performed; the method of performing a subsequent assay; the order of performance of a sequence of subsequent assay; the steps, or order of steps, performed in a subsequent assay; the timing of the performance of a subsequent assay; the choice of a reagent used in a subsequent assay; the detection method used in a subsequent assay; and other particulars of assays may be contingent on the results of a prior assay.

No. of Pages : 61 No. of Claims : 43

(19) INDIA

(22) Date of filing of Application :20/10/2015

(54) Title of the invention : RETRACTABLE WHEEL MECHANISM

(43) Publication Date : 18/03/2016

| (51) International classification | :A45C5/14 | (71)Name of Applicant : |
|--|--------------------|--|
| (31) Priority Document No | :1306426.6 | 1)THE PUKKA LUGGAGE COMPANY LIMITED |
| (32) Priority Date | :09/04/2013 | Address of Applicant :26 Red Lion Square London WC1R |
| (33) Name of priority country | :U.K. | 4AG U.K. |
| (86) International Application No | :PCT/GB2014/051058 | (72)Name of Inventor : |
| Filing Date | :04/04/2014 | 1)GREEN Stephen |
| (87) International Publication No | :WO 2014/167296 | _ |
| (61) Patent of Addition to Application | :NA | |
| Number | :NA :NA | |
| Filing Date | .INA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | 1 |

(57) Abstract :

A wheel retraction mechanism for use on travel luggage, the retraction mechanism causing the extension and retraction of one or more wheels upon relative movement of two adjacent members. The members comprise two engaging actuation surfaces which, upon relative longitudinal movement, create a movement in a different direction, which can be used to extend or retract wheels from a piece of travel luaaaae

No. of Pages : 51 No. of Claims : 50

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : EXPRESSION PROCESS

| (51) International classification (31) Priority Document No (32) Priority Date (22) News of priority intervention | :C12N15/85,C07K16/06,C07K16/30 :1308017.1 :03/05/2013 | (71)Name of Applicant : 1)FUJIFILM DIOSYNTH BIOTECHNOLOGIES UK LIMITED Address of Applicant :Belasis Avenue Billingham TS23 1LH U.K. |
|--|---|--|
| (33) Name of priority country (86) International Application No Filing Date (87) International Publication No | :PCT/GB2014/000165 :29/04/2014 | (72)Name of Inventor : (72)Name of Inventor : 1)SAUNDERS Fay Louise 2)DODDS Anna Louise 3)BAYARD Adeline Marie Geraldine 4)KARA Bhupendra Vallabh |
| (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :NA :NA :NA :NA | |

(57) Abstract :

A process for the production of a target polypeptide is provided. The process comprises expression of an expression vector for expressing a target polypeptide in a host cell, preferably a mammalian cell, the expression vector comprising an expression cassette comprising a polynucleotide encoding a recombinant polypeptide operably linked to a fibronectin secretion leader sequence; and recovering the target polypeptide.

No. of Pages : 16 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : HALOGEN FREE FLAME RETARDANT TPU

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | C08K3/32,C08K3/34,C08K5/053 :61/816991 :29/04/2013 :U.S.A. :PCT/US2014/034783 :21/04/2014 :WO 2014/179092 :NA :NA :NA | (71)Name of Applicant : 1)LUBRIZOL ADVANCED MATERIALS INC. Address of Applicant :9911 Brecksville Road Cleveland Ohio 44141 3247 U.S.A. (72)Name of Inventor : 1)FUDALA Bela B. 2)GIOVANNITTI JENSEN Ann 3)REMS Nico 4)CRAVILLION Wim 5)MAKADIA Chetan M. |
|--|--|---|
|--|--|---|

(57) Abstract :

The present invention relates to flame retardant thermoplastic polyurethane (TPU) compositions, and more particularly to flame retardant thermoplastic polyurethane compositions comprising non-halogen flame retardants. The TPU compositions of this invention are useful for applications where high flame performance, optionally low smoke properties, as well as high tensile strength are desirable, such as wire and cable applications, film applications, molding applications, and the like. This invention also relates to processes to produce the described non-halogen flame retardant TPU compositions and processes to produce wire and cable jacketing from such compositions.

No. of Pages : 41 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD FOR AN IMPROVED MEASUREMENT HANDLING BY A USER EQUIPMENT IN A MULTI-RATAND/OR MUL TI-FREQUENCY AND/OR SFNGLE-FREQUENCY RADIO ENVIRONMENT OF A PUBLIC LAND MOBILE NETWORK, PUBLIC LAND MO BILE NETWORK

| (51) International classification | :H04W36/00,H04W36/14 | (71)Name of Applicant : |
|--|----------------------|--|
| (31) Priority Document No | :13168044.9 | 1)DEUTSCHE TELEKOM AG |
| (32) Priority Date | :16/05/2013 | Address of Applicant :Friedrich Ebert Allee 140 53113 Bonn |
| (33) Name of priority country | :EPO | Germany |
| (86) International Application No | :PCT/EP2014/059182 | (72)Name of Inventor : |
| Filing Date | :06/05/2014 | 1)ZINGLER Olaf |
| (87) International Publication No | :WO 2014/184049 | 2)LEHSER Frank |
| (61) Patent of Addition to Application | :NA | 3)KLATT Axel |
| Number | :NA :NA | |
| Filing Date | .11A | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The invention relates to a method for an improved measurement handling by a user equipment in a multi- RAT and/or multi - frequency and/or single- frequency radio environment of a public land mobile network the measurement handling being related to inter -RAT (Radio Access Technology) and/or inter -frequency and/or single- frequency radio environment measurements that are performed by the user equipment in dependency of a measurement configuration information transmitted by the public land mobile network to the user equipment , wherein the public land mobile network comprises a plurality of base station entities ,- one base station entity of the plurality of base station entities being the serving cell base station entity of the serving base station entities being a neighbour cell base station entity of the serving cell base station information is transmitted from the serving cell base station to the user equipment , the measurement activation/deactivation information being related to future inter -frequency and/or inter RAT and/or single -frequency measurements towards the neighbour cell base station entity to be either activated or set to a non - permanent state.

No. of Pages : 28 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : COLD FLOW REDUCED POLYMERS WITH GOOD PROCESSING BEHAVIOUR

| (51) International classification :C08G77/14,C07F7/08,C08C19/44 | | (71)Name of Applicant : |
|---|-----------------------|--|
| (31) Priority Document No | :13165215.8 | 1)LANXESS DEUTSCHLAND GMBH |
| (32) Priority Date | :24/04/2013 | Address of Applicant :Kennedyplatz 1 50569 Kln Germany |
| (33) Name of priority country | :EPO | (72)Name of Inventor : |
| (86) International Application | DOT / ED201 4/057 426 | 1)STEINHAUSER Norbert |
| No | :PCT/EP2014/057426 | 2)GRO Thomas |
| Filing Date | :11/04/2014 | |
| (87) International Publication No | :WO 2014/173707 | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

The present invention relates to cold flow reduced polymers with good processing behaviour, these having on the polymer chain end a silane-containing carboxy group of the formula (I), where R 1, R2 are identical or different and are an H, alkyl, alkoxy, cycloalkyl, cycloalkoxy, aryl, aryloxy, alkaryl, alkaryloxy, aralkyl or aralkoxy radicals which can contain one or more heteroatoms, preferably O, N, S or Si, R3, R4 are identical or different and are an H, alkyl, cycloalkyl, aryl, alkaryl or aralkyl radicals which can contain one or more heteroatoms, preferably O, N, S or Si, A is a divalent organic radical which, besides C and H, can contain one or more heteroatoms, preferably O, N, S or Si.

No. of Pages : 38 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : RECORDING MEDIUM APPARATUS AND CONTROLLER

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No | :H04L9/10,H04L9/08,H04L9/32 :61/478714 :25/04/2011 :U.S.A. | (71)Name of Applicant : 1)PANASONIC CORPORATION Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka 5718501 Japan (72)Name of Inventor : |
|--|---|---|
| (80) International Application Normalized (87) International Publication Normalized (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :18/04/2012 | (72)Nalle of Inventor : 1)KOZUKA Masayuki 2)YAMAGUCHI Takahiro 3)NAKANO Toshihisa 4)MINAMI Masataka 5)MORISE Makoto 6)MURASE Kaoru 7)OHMORI Motoji |

(57) Abstract :

A memory unit (601g) of a recording medium apparatus (600g) memorizes a content and a nullification list. The nullification list associated with the content is assigned to a device related to the use of the content and includes a nullification identifier for identifying a nullified public key certificate. A controller (602g) of the recording medium apparatus (600g) is provided with: an acquisition unit (621g) for acquiring an acquisition request for a content from a device (300g) and acquiring a device identifier that identifies the public key certificate of the device (300g); a determination unit (622g) for determining whether or not the device identifier; and a control unit (623g) for controlling so that outputting of the content to the device is prohibited when the match is determined.

No. of Pages : 193 No. of Claims : 11

(22) Date of filing of Application :20/02/2013

(21) Application No.1564/DELNP/2013 A

(43) Publication Date : 18/03/2016

(54) Title of the invention : NEW COMPOUNDS

| (62) Divisional to Application Number Filing Date :NA | classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | 20/08/2010 EPO PCT/EP2011/064258 19/08/2011 EWO 2012/022793 ENA ENA | (71)Name of Applicant : 1)BOEHRINGER INGELHEIM INTERNATIONAL GMBH Address of Applicant :Binger Strae 173 55216 Ingelheim Am Rhein Germany (72)Name of Inventor : 1)PRIEPKE Henning 2)DOODS Henri 3)KUELZER Raimund 4)PFAU Roland 5)STENKAMP Dirk 6)PELCMAN Benjamin 7)ROENN Robert |
|---|--|---|--|
|---|--|---|--|

(57) Abstract :

This invention relates to compounds of formula (I) their use as inhibitors of the microsomal prostaglandin E2 synthase-1 (mPGES-1), pharmaceutical compositions containing them, and their use as medicaments for the treatment and/or prevention of inflammatory diseases and associated conditions. A, M,W, R1, R2, R6, R7, R8 have meanings given in the description.

No. of Pages : 134 No. of Claims : 16

(21) Application No.9864/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date | :B62D25/08,B62D25/10 :2014099544 :13/05/2014 :Japan :PCT/JP2015/060704 :06/04/2015 :WO 2015/174164 :NA :NA | (71)Name of Applicant : 1)SUZUKI MOTOR CORPORATION Address of Applicant :300 Takatsuka cho Minami ku Hamamatsu shi Shizuoka 4328611 Japan (72)Name of Inventor : 1)YAMAZAKI Tsuyoshi |
|---|--|---|
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(54) Title of the invention : STRUCTURE FOR FRONT PART OF VEHICLE

(57) Abstract :

Provided is a structure ior a cowl-top garnish, the structure being capable of absorbing a load applied to a iront hood and capable of both the introduction of sufficient air and the prevention of the entry of water. In a side view, the upward-facing U - shaped section (3 1) of a cowl-top garnish (30) is substantially U-shaped so as to open upward and extends m the width direction of the vehicle. In the side view, the downward-facing U-shaped section (32) of the cowl-top garnish (30) is substantially U-shaped so as to open downward and extends in the width direction of the vehicle. The downward-facing U-shaped section (32) i s disposed be hind the upward-facing U-shaped section (3 1). A wall of the upward-facing U-shaped section (3 1), the wall being disposed behind a front wall (30A) with a bottom surface section (30B) therebetween, and a wall of the down-facing U-shaped section (32), the wall being disposed in front of a rear wall (30E) with a top surface section (30D) therebetween, are configured as a common wall (30C) formed of the same member. An air introduction opening (33) i s formed in the common wall (30C). In a top view, the rear end of the front hood (20) overlaps the top surface section (30D) of the downward-facing U-shaped section (32). A gap is formed between the top surface section (30D) and the front hood (20).

No. of Pages : 23 No. of Claims : 4

(21) Application No.9865/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No | :18/03/2014 | (71)Name of Applicant : 1)HAMAMATSU KOHDEN CO. LTD. |
|---|--------------------------|--|
| Filing Date (87) International Publication No (61) Patent of Addition to Application | :WO 2014/156793 | Address of Applicant :249 9 Miyamoto Iwata shi Shizuoka 4380207 Japan (72)Name of Inventor : 1)MOCHIZUKI Shinsuke |
| (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :NA :NA :NA :NA | |

(54) Title of the invention : MAGNETIC SUBSTANCE DETECTION DEVICE

(57) Abstract :

A magnetic substance detection device is provided with long magnets (12, 13) and ferromagnetic thin film magnetoresistance elements (23, 24). The magnets (12, 13) are provided to extend parallel to each other in a Y-axis direction, and are magnetized m opposite directions to each other in a Z-axis direction. The ferromagnetic thin film magnetoresistance elements (23,24) are each formed to have a linear portion provided to extend approximately along the Y-axis direction on a plane of a substrate (22) disposed in a magnetic force line path between the magnets (12, 13), and change a resistance value in response to the change of a magnetic field in a direction orthogonal to the Y-axis direction within the plane of the substrate (22). A bias magnetic field in the direction orthogonal to the Y-axis direction within the plane of the substrate (22) is applied to the ferromagnetic thin film magnetoresistance elements (23, 24) b y the magnets (12, 13), the bias magnetic field having a strength lower than the saturation magnetic field of the ferromagnetic thin film magnetoresistance elements (23, 24).

No. of Pages : 76 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : TRAVELING ROADS, CONVEYER BELT ROADS AND FUTURE RAILWAY IMPROVED. (51) International classification :B65G (71)Name of Applicant : (31) Priority Document No **1)SURESH CHAWLA** :NA (32) Priority Date Address of Applicant :B-1/411, JANAK PURI, NEW DELHI-:NA (33) Name of priority country 110058 Delhi India :NA (86) International Application No :NA (72)Name of Inventor : Filing Date :NA 1)SURESH CHAWLA (87) International Publication No : NA (61) Patent of Addition to Application Number Filed on :01/01/1900 (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

This invention of Traveling Roads, Conveyer Belt Roads and Future Railway system improved consisting of two matured technologies of Railways and Roller Coasters, relates to transportation of vehicles/men and materials, consisting of rectangular or square reinforced cement concrete track having cut in center of track leaving base intact to hold two top walls which are profiled at top to accommodate set of three wheels at the end point of each axle point which support all dead weights placed on large number of flat chassis of Traveling Roads or Conveyer Belt Roads and coaches as well as engines of Future Railway system, top steel wheel or tyre of each axle to provide traction and run all the dead weights of chassis and live loads of vehicular traffic or materials loaded on chassis or future railways, the side steel wheels or side rubber tyres to act as guides for all dead loads and live loads to follow the path of track, the third wheels at bottom of tracks made out of steel wheel or rubber tyre to act as balancing wheels required to retain all dead loads and live loads on the track by encountering the air pressure created under the chassis of dead weights and live loads at speed which tries to up lift all loads, the top surface of chassis is depressed appropriately at appropriate locations to accommodate cars, trucks, buses etc to rest while in motion and electro-magnetic chucks are also provided in center of depressed areas to rise/ go down as and when required by employing pneumatic pressure to hold tight the vehicles while in motion on travelling roads / traveling conveyer belt road and deactivate electro-magnetic chucks when vehicles have to get off the travelling roads/travelling conveyor roads which runs continuously in loop or point to point, the system to run parallel to roads at same level/at little elevation as compared to existing roads/at elevation where ever required, to facilitate vehicles to reach the system: ramps/ fly-overs etc. are provided to reach the system, little gap is provided between the plat forms and the traveling roads/travelling conveyer belt roads, the system also capable to provide loading and unloading facility to all kinds of materials and passengers for with in city or intercity or for ports, airports etc by stopping at identified locations en-route the tracks on same track or at different track by changing the tracks and tracks also capable to run future railways at high speed with less dead weight because of three sets of wheels holding track from all sides, the conveyer belt roads or traveling roads and future railway system to run on electricity by taking current from current collectors provided in appropriate location of the tracks using electric motors and by use of all parts as used for electric trains or for motor vehicles, the traction can also be provided by pollution free fuels as well and also by using solar power by placing solar cells on top and sides of fencing provided around the tracks to save the system from any intrusion by any kind of birds, animals/ vehicles/sabotage etc by providing cameras and sensors through out length and breadth of the system, the initial traction and momentum at stations and also as and when system stops other wise, a set of gear and rack system for a separate rubber tyre and corrugated tracks or any other system is provided to engage and disengage the separate wheel as and when momentum is required, the system also has loading and offloading cranes or chain block mechanism, the system can have one floor or multiple floors for operation of heavy traffic, a duct runs through out the entire length of the system and carries cool and hot air as per weather conditions which can be provided to vehicles through vertical flexible pipes fixed to duct on one end and shoots provided at top of vertical pipes which can fit in different kinds of windows temporarily.

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

(21) Application No.9836/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification | :A61F2/16,B32B37/12 | (71)Name of Applicant : |
|--|---------------------|--|
| (31) Priority Document No | :61/804157 | 1)SHIFAMED HOLDINGS LLC |
| (32) Priority Date | :21/03/2013 | Address of Applicant :745 Camden Avenue Suite A Campbell |
| (33) Name of priority country | :U.S.A. | CA 95008 U.S.A. |
| (86) International Application No | :PCT/US2014/026817 | (72)Name of Inventor : |
| Filing Date | :13/03/2014 | 1)SALAHIEH Amr |
| (87) International Publication No | :WO 2014/152017 | 2)ARGENTO Claudio |
| (61) Patent of Addition to Application | :NA | 3)SAUL Tom |
| Number | :NA :NA | 4)VAUGHAN Bob |
| Filing Date | INA | 5)WILLIS Eric |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | l |

(54) Title of the invention : ACCOMMODATING INTRAOCULAR LENS

(57) Abstract :

An intraocular lens (IOL) for implantation within a capsular bag of a patients eye comprises an optical structure and a haptic structure. The optical structure comprises a planar member, a piano convex member, and a fluid optical element defined between the planar member and the piano convex member. The fluid optical element has an optical power. The haptic structure couples the planar member and the piano convex member together at a peripheral portion of the optical structure. The haptic structure comprises a fluid reservoir in fluid communication with the fluid optical element and a peripheral structure for interfacing to the lens capsule. Shape changes of the lens capsule cause one or more of volume or shape changes to the fluid optical element in correspondence to deformations in the planar member to modify the optical power of the fluid optical element.

No. of Pages : 91 No. of Claims : 123

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : 2-SUBSTITUTED IMIDAZO[4,5-D]PHENANTHROLINE DERIVATIVES AND THEIR USE IN THE TREATMENT OF CANCER

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :C07D487/12,C07D401/04,C07D403/04 :61/803627 :20/03/2013 :U.S.A. :PCT/US2014/031349 :20/03/2014 :WO 2014/153464 :NA :NA :NA | (71)Name of Applicant : 1)APTOSE BIOSCIENCES INC. Address of Applicant :2 Meridian Road Toronto Ontario M9W 4Z7 Canada (72)Name of Inventor : 1)LEE Yoon 2)CUKIER Howard 3)NEDUNURI Venkata 4)PERALTA Robert 5)HUESCA Mario 6)YOUNG Aiping H. |
|---|--|--|
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(57) Abstract :

The present invention provides 2-substituted imidazo[4,5-d]phenanthroline compounds, which are capable of inhibiting proliferation of one or more renal cancer cells, pancreatic cancer cells, prostate cancer cells, colon cancer cells, leukemia cells, brain cancer/tumour cells or non-small cell lung cancer cells.

No. of Pages : 71 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : DEXTRIN- BASED COATING SLIPS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :D21H17/24,D21H17/28,D21H19/54 :13 53742 :24/04/2013 :France :PCT/FR2014/050975 :22/04/2014 :WO 2014/174205 :NA :NA :NA | (71)Name of Applicant : 1)ROQUETTE FRERES Address of Applicant :1 rue de la Haute Loge F 62136 Lestrem France (72)Name of Inventor : 1)ONIC Ludivine 2)BOUXIN Christian 3)PAJARI Timo 4)DAUCHY Patrick |
|---|--|--|
|---|--|--|

(57) Abstract :

The subject matter of the invention is a coating slip comprising at least one pigment, water and: between 30% and 90% by weight of dextrin (A) consisting of at least one dextrin having a weight-average molecular weight MA of less than 500 kDa; between 10% and 70% by weight of dextrin (B) consisting of at least one dextrin having a weight-average molecular weight MB; the weight amounts of dextrins being relative to the total amount of the mixture of dextrins (A) and (B) in the composition, characterized in that MB is greater than MA + 50 kDa. The invention also relates to a process for coating paper comprising a step of coating with this slip, and also to the paper obtained at the end of this process.

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

(21) Application No.9839/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification | :C10L5/36,C10L5/44 | (71)Name of Applicant : |
|--|--------------------|--|
| (31) Priority Document No | :NA | 1)STANDARD BRANDS (UK) LIMITED |
| (32) Priority Date | :NA | Address of Applicant :4 Cleeve Court Cleeve Road |
| (33) Name of priority country | :NA | Leatherhead Surrey KT22 7SD U.K. |
| (86) International Application No | :PCT/GB2013/000131 | (72)Name of Inventor : |
| Filing Date | :26/03/2013 | 1)BARFORD Eric Dennis |
| (87) International Publication No | :WO 2014/155025 | |
| (61) Patent of Addition to Application | :NA | |
| Number | | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | 1 |

(54) Title of the invention : FIRELOG AND METHOD OF MAKING A FIRELOG

(57) Abstract :

The present invention relates to a method of making a firelog, as well as to a firelog itself, and methods of using the firelog. The method of the present invention allows firelogs to be made that burn very cleanly. This is advantageous for the environment. Furthermore, the firelogs of the present invention can be burnt in a conventional fireplace, or in a stove. This is in contrast to the presently available firelogs which cannot be burnt in a stove.

No. of Pages : 21 No. of Claims : 14

(21) Application No.9840/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : FETAL DIAGNOSTICS USING FETAL CELL CAPTURE FROM MATERNAL BLOOD

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application | :G01N33/53,C12Q1/68 :61/824128 :16/05/2013 :U.S.A. :PCT/US2014/038250 :15/05/2014 :WO 2014/186607 :NA | (71)Name of Applicant : 1)ADVANCED THROUGHPUT, INC. Address of Applicant :5 Baltusrol Street, Moraga, CA 94556-1048 U.S.A. (72)Name of Inventor : 1)WU Han 2)CHEN Fanqing |
|---|--|---|
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

Non -invasive fetal diagnostic methods are provided. In particular provided are methods of obtaining a fetal cell -enriched sample from a maternal sample and methods of assessing a maternal sample for a fetal nucleotide sequence or expression of a fetal gene.

No. of Pages : 42 No. of Claims : 48

(19) INDIA

(22) Date of filing of Application :04/03/2013

(21) Application No.1944/DELNP/2013 A

(43) Publication Date : 18/03/2016

| (51) International classification | :A61L 2/20 | (71)Name of Applicant : |
|--|--------------------|---|
| (31) Priority Document No | :61/247,197 | 1)TSO3 INC. |
| (32) Priority Date | :30/09/2009 | Address of Applicant :2505 AVENUE DALTON, QUEBEC, |
| (33) Name of priority country | :U.S.A. | QUEBEC, G1P 3S5, CANADA Canada |
| (86) International Application No | :PCT/CA2010/001518 | (72)Name of Inventor : |
| Filing Date | :29/09/2010 | 1)TREMBLAY, BRUNO |
| (87) International Publication No | :WO 2011/038487 | 2)VALLIERES, JEAN-MARTIN |
| (61) Patent of Addition to Application | :NA | |
| Number | :NA :NA | |
| Filing Date | INA | |
| (62) Divisional to Application Number | :3533/DELNP/2012 | |
| Filed on | :23/04/2012 | |

(54) Title of the invention : HYDROGEN PEROXIDE STERLIZATION METHOD

(57) Abstract :

A method of sterilizing an article by sequentially exposing the article to hydrogen peroxide and ozone is disclosed. The article is exposed under vacuum first to an evaporated aqueous solution of hydrogen peroxide and subsequently to an ozone containing gas. The exposure is carried out without reducing the water vapor content of the sterilization atmosphere, the water vapor content being derived from the aqueous solvent of the hydrogen peroxide solution and from the decomposition of the hydrogen peroxide into water and oxygen. The complete sterilization process is carried out while the chamber remains sealed and without removal of any component of the sterilization atmosphere. For this purpose, the chamber is initially evacuated to a first vacuum pressure sufficient to cause evaporation of the aqueous hydrogen peroxide at the temperature of the chamber atmosphere. The chamber is then sealed for the remainder of the sterilization process and during all sterilant injection cycles. Keeping the chamber sealed and maintaining the hydrogen peroxide and its decomposition products in the chamber for the subsequent ozone sterilization step results in a synergistic increase in the sterilization efficiency and allows for the use of much lower sterilant amounts and sterilization cycle times than would be expected from using hydrogen peroxide and ozone in combination.

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

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : HETEROCYCLIC COMPOUNDS AND THEIR USE IN ELECTRO OPTICAL OR OPTO ELECTRONIC DEVICES

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number | :NA | (71)Name of Applicant : 1)POWER OLEDS LIMITED Address of Applicant :Cumbrian House 84 Cumbrian Gardens London NW2 1EL U.K. (72)Name of Inventor : 1)KATHIRGAMANATHAN Poopathy |
|--|------------|--|
| Application Number Filing Date | :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

Compounds exhibiting high hole mobility and/or high glass transition temperatures are provided which are of the formula [Ar1]m[Ar2]n wherein: mis an integer from 1-3 andn is an integer and maybe 1 or 2; Ar represents adibenzo[b,e][1,4]dioxine, phenoxanthine, thianthrene, dibenzo[b,e]l,4-thiaselenane or selenanthrene residue having a linkage to Ar2 at one or two positions selected from ring positions 1-4 and 5-8 and optionally mono-, bi-or poly-substituted with Ci-C4-alkyl-, Ci-C4-alkoxy-, fluoro, phenyl or biphenyl which in the case of phenyl or biphenyl may be further substituted with C i-C4-alkyl-, Ci-C4-alkoxy-or fluoro; AAepresents a residue derived from an arylamine in which the aryl rings are phenyl, naphthyl or anthracenyl optionally substituted with Ci-C4-alkyl-, Ci-C4-alkoxy- or fluoro, a polycyclic fused or chain aromatic ring system optionally containing nitrogen or sulphur and in a chain aromatic ring system optionally containing one or more chain oxygen or sulphur atoms, a triarylphosphine oxide or an arylsilane the rings of any of which are optionally substituted with Ci-C4-alkyl-, Ci-C4-alkoxy-or fluoro. The compounds may be used in electron transport layers and may be doped with p-type dopants. They may be incorporated into OLEDs, organic photo - voltaic devices, imaging members and thin film transistors. In further embodiments there are provided OLEDs or other devices e.g. electrostatic latent image forming members in which improved efficiency is obtained by using as electron transport layers, electron injectors, hosts and emitters (dopants) ambipolar or electron-transmitting compounds in which thianthrene is bonded to aryl e.g. 1anthracenyl-9-yl-thianthrene, l-biphenyl-4-yl-thianthrene and 9,10-Bis(l-thianthrenyl) anthracene.

No. of Pages : 112 No. of Claims : 54

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : UV IRRADIATION DEVICE HAVING AN ADDITIONAL MONOCHROMATIC RADIATION SOURCE

| (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to | :14/04/2014 | (71)Name of Applicant : 1)OERLIKON SURFACE SOLUTIONS AG TRBBACH Address of Applicant :Hauptstrasse 53 CH 9477 Tr¹/4bbach Switzerland (72)Name of Inventor : 1)SCHAEFER Ruedigier 2)KASPAR Martin |
|---|-------------|---|
| Application Number Filing Date (62) Divisional to Application | :NA :NA | |
| Number Filing Date | :NA :NA | |

(57) Abstract :

The invention relates to a component, the surface of which is at least partially covered with a coating, wherein the coating comprises a PVD coating arranged between a first paint layer and a second paint layer and the first paint layer forms a base coat layer on the surface and the second paint layer forms a top coat layer having a top coat thickness on the PVD coating, wherein at least the top coat layer was produced with UV-curable paint. Proceeding from the interface of the PVD coating in a region smaller than the top coat thickness, the top coat layer has a lower degree of cross-linking induced by UV light than in the part of the top coat layer connected to said region. The invention relates in particular to a method for producing such a component.

No. of Pages : 9 No. of Claims : 6

(21) Application No.10159/DELNP/2012 A

(19) INDIA

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

(43) Publication Date : 18/03/2016

(54) Title of the invention : MODIFIED ZIEGLER NATTA CATALYST SYSTEMS

(57) Abstract :

This invention relates to modified Ziegler Natta catalyst systems that have an excellent activity in homo or co polymerisation of ethylene and alpha olefins and are able to produce polymers having reduced molecular weight distribution and improved incorporation of hexene with respect to conventional Ziegler Natta catalyst systems.

No. of Pages : 27 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :19/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD AND DEVICE FOR RELAYING IN A COMMUNICATION NETWORK

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to | :PCT/FR2011/051893 :09/08/2011 | (71)Name of Applicant : 1)FRANCE TELECOM Address of Applicant :78 Rue Olivier de Serres F 75015 Paris France (72)Name of Inventor : 1)HATEFI Atoosa 2)VISOZ Rapha«l 3)BERTHET Antoine |
|--|-----------------------------------|--|
| Application Number Filing Date | :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

The present invention relates to a method for selective relaying in a communication network including a plurality of sources a relay and a recipient characterized in that the method comprises the following steps: receiving via the relay messages transmitted by the sources respectively so as to obtain an estimate of the messages; detecting at the relay errors on the estimated messages; and transmitting from the relay to the recipient a signal representative of single messages for which no error has been detected resulting from a non bijective surjective function applied to the detected error free messages including interleaving and encoding. The representative signal is transmitted by the relay to the recipient with a control signal indicating which messages are represented in the representative signal. The present invention also relates to a device for selective relaying in a communication network.

No. of Pages : 41 No. of Claims : 11

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : STERILE CONTAINER

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number | :10 2010 037 659.0 :20/09/2010 :Germany :PCT/EP2011/065960 :14/09/2011 :WO 2012/038314 :NA | (71)Name of Applicant : 1)AESCULAP AG Address of Applicant : Am Aesculap Platz 78532 Tuttlingen Germany (72)Name of Inventor : 1)GLEICHAUF Wilhelm 2)JAKAB Mariana 3)SCHUSTER Stefan 4)THOMAS Stefan |
|---|--|---|
| | :NA :NA | · · |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

The invention relates to a sterile container for sterilization of surgical instruments comprising a bottom wall a side wall and a lid which lid in a closed position of the sterile container engages with a lid edge over a free edge arranged on a side of the side wall facing away from the bottom wall. To make available a sterile container of this kind that has better handling and provides the best possible sterilization result it is proposed according to the invention that the sterile container comprises at least one projecting element which is arranged on the side wall between the bottom wall and the free edge and which starting from the side wall projects in the direction of an outside of the sterile container at least as far as the lid edge and is at a shorter distance from the bottom wall than is the lid edge and wherein the side wall in a wall area between the at least one projecting element and the free edge does not protrude in the direction of a centre of the sterile container past the side wall in a wall area between the at least one projecting element and the bottom wall.

No. of Pages : 28 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : PROCESS FOR PRODUCING ULTRASONIC SEAL AND FILM STRUCTURES AND FLEXIBLE CONTAINERS WITH SAME

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :B29C65/08,B29C65/82 :61/810123 :09/04/2013 :U.S.A. :PCT/US2014/033427 :09/04/2014 :WO 2014/169005 :NA :NA :NA :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)BENSASON Selim 2)VAN DUN Jozef J. 3)SAINI Gagan |
|--|--|---|
|--|--|---|

(57) Abstract :

The present disclosure is directed to processes for producing ultrasonic sealable film structures and flexible containers with ultrasonic seals. The film structure includes a first multilayer film and a second multilayer film.Each multilayer film includes a backing layer and a seal lay er. Each seal layer includes an ultrasonic sealable olefin-based polymer (USOP) having the following properties: (a) a heat of melting, DHpi, less than 130 J/g, (b) a peak melting temperature, Tm, less than 125°C, (c) a storage modulus in shear (G) from 50 MPa to 500 MPa, and (d) a loss modulus in shear (G) greater than 10 MPa. The multilayer films are arranged such that the seal layer of the first multilayer film is in contact with the seal layer of the second multilayer film. The seal layers form an ultrasonic seal having a seal strength from 30 N/15 mm to 80 N/15mm when ultrasonically sealed at 4 N/mm seal force.

No. of Pages : 38 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

| (54) Title of the invention : WHITE INK | | |
|---|--|--|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :C09D11/00 :61/815371 :24/04/2013 :U.S.A. :PCT/GB2014/050946 :25/03/2014 :WO 2014/174241 :NA :NA :NA :NA | (71)Name of Applicant : 1)FUJIFILM IMAGING COLORANTS INC. Address of Applicant :233 Cherry Lane New Castle Delaware 19720 U.S.A. (72)Name of Inventor : 1)ORIAKHI Christopher |

(57) Abstract :

An ink comprising: (a) from lto 25 parts of surface treated titanium dioxide; (b) from 8 to 25 parts of a first solvent selected from the group consisting of ethylene glycol, diethylene glycol, triethylene glycol and dipropylene glycol; (c) from 2 to 12 parts of a second solvent selected from the group consisting of 2-pyrrolidone, N-methyl-2-pyrrolidone, N-ethyl-2-pyrrolidone, N-cyclohexyl- 2-pyrrolidone and N,N-dimethylacetamide; (d) from 15 to 45 parts of glycerol; (e) from 0. Ito 2 parts of an acetylenic surfactant; (f) from 0.001 to 2 parts of 1,2-benzisothiazolin-3-one; (g) from 0 to 20 parts of polymer particles; and (h) the balance to 100 parts water.

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

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : A CONTINUOUSLY VARIABLE TRANSMISSION PROVIDED WITH A GEROTOR PUMP

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No | :PCT/CA2014/000403 | (71)Name of Applicant : 1)TRANSMISSION CVTCORP INC. Address of Applicant :2101 rue Nobel Suite N Sainte Julie Qubec J3E 1Z8 Canada (72)Name of Inventor : 1)MESSIER Fran§ois |
|--|--------------------|--|
| Filing Date | :07/05/2014 | |
| (87) International Publication No | :WO 2014/179863 | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

A continuously variable transmission (CVT) provided with an integrated gerotor pump that also acts as a rotation blocker is described herein. In one illustrated embodiment, the gerotor pump is used to pump lubrication and cooling fluid through a radiator and into the hollow shaft of the CVT.

No. of Pages : 31 No. of Claims : 19

(21) Application No.9847/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : SILANE -CONTAINING CARBOXY- TERMINATED POLYMERS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication | :PCT/EP2014/057424 :11/04/2014 | (71)Name of Applicant : 1)LANXESS DEUTSCHLAND GMBH Address of Applicant :Kennedyplatz 1 50569 Kln Germany (72)Name of Inventor : 1)STEINHAUSER Norbert 2)GRO Thomas |
|--|---|---|
| No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :WO 2014/173706 :NA :NA :NA :NA | |

(57) Abstract :

The present invention relates to end-group-iuctionalized polymers, where these have a silane-containing carboxy group of the formula (I) at the end of the polymer chain, where R 1, R2 are identical or different and are H and alkyl, alkoxy, cycloalkyl, cycloalkoxy, aryl, aryloxy, alkaryl, alkaryloxy, aralkyl and aralkoxy moieties which can contain one or more heteroatoms, preferably O, N, S or Si, R3, R4 are identical or different and are H and alkyl, cycloalkyl, cycloalkyl, aryl, alkaryl und aralkyl moieties which can contain one or more heteroatoms, preferably O, N, S or Si, and A is a divalent organic moiety which can contain, alongside C and H, one or more heteroatoms, preferably O, N, S or Si

No. of Pages : 30 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(51) International classification :F01N3/20 (71)Name of Applicant : (31) Priority Document No **1)SCANIA CV AB** :13506167 (32) Priority Date Address of Applicant :S 151 87 Sdertlje Sweden :21/05/2013 (33) Name of priority country (72)Name of Inventor : :Sweden (86) International Application No :PCT/SE2014/050622 1)NILSSON Magnus Filing Date :21/05/2014 2)BIRGERSSON Henrik (87) International Publication No :WO 2014/189454 **3)LILJESTRAND Andreas** (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHOD FOR DISTRIBUTING AND STORING UREA UPSTREAM A CATALYTIC DEVICE IN AN EXHAUST TREATMENT SYSTEM

(57) Abstract :

The invention concerns a method at an exhaust gas cleaning system for an engine (235) in which a reducing agent is added to a passage (290) for exhaust gases from the said engine (235) for the purposes of cleaning the exhaust gases, and where the said exhaust gas cleaning system includes arrangements (270) that require a certain temperature level (Tmax) in order to achieve catalytic exhaust gas passage (290) upstream of the said arrangements (270) at a temperature that does not exceed the said certain temperature level (Tmax); and - to use (s440) during a cold start of the said exhaust gas cleaning system the said catalytic exhaust gas cleaning. The invention concerns also a computer program product comprising program code (P) for a computer (200; 210) to implement a method according to the invention. The invention concerns also an arrangement for an exhaust gas cleaning system for an engine (235), and a motor vehicle (100) that is equipped with the arrangement.

No. of Pages : 43 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : A PROCESS FOR CO- PRODUCTION OF AMMONIA UREA AND METHANOL

| (80) International Application No PC1/EF2014/057/05 (72)Name of Inventor : (72)Name of Inventor :<!--</th--><th> (87) International Publication No. (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application </th><th>:16/04/2014 :WO 2014/187621 :NA :NA :NA</th><th>1)HALDOR TOPS E A/S Address of Applicant :Haldor Tops es All 1 2800 Kgs. Lyngby Denmark (72)Name of Inventor :</th> | (87) International Publication No. (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application | :16/04/2014 :WO 2014/187621 :NA :NA :NA | 1)HALDOR TOPS E A/S Address of Applicant :Haldor Tops es All 1 2800 Kgs. Lyngby Denmark (72)Name of Inventor : |
|--|---|---|---|
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(57) Abstract :

A process for co-production of ammonia, urea and methanol from natural gas, comprising the steps of (a) producing a synthesis gas by simultaneous feeding naturalgas to an autothermal reformer (ATR) and to a steam methane reformer (SMR), the two reformers running in parallel, (b) feeding air to an air separation unit (ASU), where the air is split into oxygen, which is fed to the ATR, and nitrogen, (c) subjecting the synthesis gas from the SMR to a water gas shift, (d) removing the carbon dioxide from the synthesis gas from step (c) and leading it to urea synthesis in a urea synthesis unit, (e) combining the hydrogen-rich gas from step (d) with the nitrogen from step (b), removing catalyst poisons from the gases and leading the gas mixture to ammoma synthesis in an ammonia synthesis unit, (f) optionally removing part of the carbon dioxide from the syngas from the ATR in step (a) and leading it to urea synthesis unit and (g) leading the syngas from step (f) to the methanol synthesis unit, wherein synthesis gas from step (a) may be led either from the ATR outlet to the SMR outlet upstream from the shift stage or the other way.

No. of Pages : 17 No. of Claims : 7

(21) Application No.9866/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : COUPLING DEVICE FOR A SYSTEM FOR DELIVERING MEDICAL TREATMENT FLUID

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :A61M39/10,F16L37/56 :13/52972 :02/04/2013 :France :PCT/FR2014/050714 :26/03/2014 :WO 2014/162079 :NA :NA :NA :NA | (71)Name of Applicant : 1)DORAN INTERNATIONAL Address of Applicant :67 chemin Neuf F 69780 Toussieu France (72)Name of Inventor : 1)BUISSON Philippe |
|---|---|---|
|---|---|---|

(57) Abstract :

The invention relates to a coupling device (2) which includes a coupling member (3) including a primary flow channel (11) and secondary flow channels (12) each provided with a proximal opening (13) intended for being in fluid communication with a respective tube for delivering mdical treatment fluid and a distal opening (14), the distal opening (14) of the primary flow channel (11) being arranged between the distal openings (14) of the secondary flow channels (12), and a connection nozzle (4) to be connected to a cathter, the connection nozzle (4) including a mounting portion (15) in which the coupling member (3) is mounted, the coupling member (3) and the connection nozzle (4) defining an inner chamber (18) into which the distal openings (14) of the primary and secondary flow channels (11, 12) lead. The cross section of the distal opening (14) of the primary flow channel (11) is larger than the cross section of the proximal opening (13) of the primary flow channel (11).

No. of Pages : 16 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : NEBULIZER DEVICE AND MASK OF INHALATION SOLUTION

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :A61M11/00,A61M16/06,F16K31/06 :20130100171 :22/03/2013 :Greece :PCT/GR2014/000019 :24/03/2014 :WO 2014/147430 :NA :NA :NA | (71)Name of Applicant : NAOUM George Address of Applicant :64 Ragkavi Str GR 114 75 Gkizi Attikis Greece (72)Name of Inventor : NAOUM George |
|---|---|---|
|---|---|---|

(57) Abstract :

The traditions, studies and international practice, prove that the inhalation of hot steams with or without the impurity of a medicine, helps the prevention and treatment of respiratory system diseases in hospitalization or home treatment. The device of application of the therapy is simple, easy to use, safe and affordable cost. This invention concerns a system with: 1) A inventive pipe - conductor of air, with an embodied safe system of electric points and power connections - cables for the supply of the nebulizer device with air and power simultaneously. 2) A nebulizer device that permits the simultaneous heating of the solution and nebula at 35-40°C via a temperature regulator. In addition it posses system which via the electromagnets or the mechanism opens and closes impellers or a silicone leaf and settles the provision of nebula towards the inhalation mask. 3) A mask of inhalations with conical channels that routes the expired air to the sensor and the inhaled nebula to the mouth and nasal cavity.

No. of Pages : 20 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :A61H35/04,A61M16/06 :20130100173 :26/03/2013 :Greece :PCT/GR2014/000020 :24/03/2014 :WO 2014/155140 :NA :NA :NA | (71)Name of Applicant : NAOUM George Address of Applicant :64 Ragkavi Str GR 114 75 Gkizi Attikis Greece (72)Name of Inventor : NAOUM George |
|---|---|---|
| Filing Date | :NA | |

(54) Title of the invention : DEVICE OF CONTROLLED PROVISION OF SEA WATER IN THE NOSE

(57) Abstract :

For the treatment of the upper respiratory system is used sea water due to its due to its anaplastic, healing and hyper tonic (osmosis) characteristics, deriving if it stays for adequate time inside the nasal conchas and nose cavities. This invention for its accomplishment, guarantees a stable column of water for adequate period of time in the nasal cavities and by the ingestion (Valsava) the water is pushed in the nasal conchas and the ducts of the nose sinuses and cavities and is consisted of Central storehouses (1) having a movable pin (4) with manually-operated provides water via the pipe (5) in the mouth (8). The central pipe (5a) provides the water to the nose and the small pipe (5b) to the periphery of the mouth (8) that expands it for its sealed application and is based in two edges (10). Alternatively the pipes (5) and the mouths are joined by one (5c) which is adapted in the entrance (12) of the bag (1a) with a pin (13), moved by electricity (13) or manually -operated.

No. of Pages : 14 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : TURBINE WHEEL OF AN EXHAUST- GAS TURBOCHARGER

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :F02B39/00,F02B37/00 :10 2013 005 890.2 :05/04/2013 :Germany :PCT/US2014/031724 :25/03/2014 :WO 2014/165355 :NA :NA :NA :NA | (71)Name of Applicant : 1)BORGWARNER INC. Address of Applicant :Patent Department 3850 Hamlin Road Auburn Hills Michigan 48326 U.S.A. (72)Name of Inventor : 1)SCHERRER Frank 2)RODER Menno 3)SCHALL Gerald 4)STRELBITSKI Juergen 5)LOEWENBERG Michael 6)EISINGER Stefan 7)ADILOVIC Adnan 8)KLEIN Achim |
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(57) Abstract :

The invention relates to a turbine wheel (I) of an exhaust-gas turbocharger (2), formed from a titanium aluminide material, having a wheel back (7)which is of closed configuration as viewed from an axial direction (A) and which has an outer contour (17), and having a hub (3) which extends from the wheel back (7) and which tapers along the axial direction (A), having a multiplicity of turbine blades (4) which extend from the wheel back (7) and from the hub (3) and which extend outward in a radial direction (R), as far as a connection region outer diameter (DAB) at least in a connection region (5), the wheel back (7) having, in an outer region(II) adjoining the connection region (5), a wheel back outer diameter (DRR) which is greater than or equal to the connection region outer diameter (DAB).

No. of Pages : 13 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :23/11/2012

(43) Publication Date : 18/03/2016

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| :B63H | (71)Name of Applicant : |
| :2010-118292 | 1)THREE BOND CO. LTD. |
| :24/05/2010 | Address of Applicant :1456 Hazama-cho Hachiouji-shi |
| :Japan | Tokyo 1938533 Japan |
| :PCT/JP2011/059481 | (72)Name of Inventor : |
| :18/04/2011 | 1)ATSUSHI SUZUKI |
| :WO/2011/148735 | 2)TOSHIYUKI TAKAHASHI |
| ٠NIA | |
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| INA | |
| :NA | |
| :NA | |
| | :2010-118292 :24/05/2010 :Japan :PCT/JP2011/059481 :18/04/2011 :WO/2011/148735 :NA :NA :NA |

(54) Title of the invention : MATERIAL PUMPING APPARATUS •

(57) Abstract :

Disclosed is a material pumping apparatus (10) provided with: a container (12) that contains a bag (11) containing a cohesive material (M); a pressing member (13) that applies a pressing force to the material; a pumping means (15) that pumps the material (M), which is suctioned by the pressing force of the pressing member (13), to the outside; and an annular member (16) that is located at the outer periphery of the pressing member (13). A support space (S) is provided on the outer of the pressing member (13), and a ring section (40) constituting the annular member (16) is supported by the support space (S) in a relatively moveable state. As a result of this configuration, even if the pressing member (13) is inclined, the annular member (16) will not be affected by the incline, and a gap will not occur on the inner peripheral surface of the container (12).

No. of Pages : 28 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :23/11/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD FOR FORMING METAL MEMBER HAVING EXCELLENT SHAPE FREEZING PROPERTIES •

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :B66F :2010-119158 :25/05/2010 :Japan :PCT/JP2011/061720 :23/05/2011 :WO/2011/148880 :NA :NA :NA | (71)Name of Applicant : NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6-1 Marunouchi 2-chome Chiyoda-ku Tokyo 1008071 Japan (72)Name of Inventor : SEIICHI DAIMARU |
|---|---|--|
|---|---|--|

(57) Abstract :

When forming a hat-shaped cross section member having, on its cross section perpendicular to its longitudinal direction, vertical wall portions (lb and lb) on both sides, flange portions (la and la) on both sides connected to the respective vertical wall portions (lb and lb), and a top sheet portion (lc) connected to the vertical wall portions (lb and 1b) on both sides, and having a bent portion (2) bent in the longitudinal. direction with the flange portions (la and la) positioned outside by using punches (5) and dices (4), a dice shoulder radius of the dice (4) for obtaining the final shape of the hat-shaped cross section member is set to R0, the hat-shaped cross section member is formed by the dice (4) having a dice shoulder radius R1 larger than the dice shoulder radius R0, and then the hat.=shaped cross section member is formed by the dice (4) having the dice shoulder radius Rod By performing the forming at two stages as above, stress relaxed in a compressing direction acts in the flange portions (1a and la) in the final shape, and thus the balance of tensilecompressive stresses can be minimized. 18

No. of Pages : 25 No. of Claims : 4

(22) Date of filing of Application :23/11/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : PROCESS FOR PRODUCTION OF UNIDIRECTIONAL ELECTROMAGNETIC STEEL SHEET •

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :C22C :2010-119482 :25/05/2010 :Japan :PCT/JP2011/061510 :19/05/2011 :WO 2011/148849 :NA :NA :NA | (71)Name of Applicant : 1)NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6-1 Marunouchi 2-chome Chiyoda-ku Tokyo 1008071 Japan (72)Name of Inventor : 1)ISAO IWANAGA 2)YOSHIYUKI USHIGAMI 3)NORIKAZU FUJII 4)NORIHIRO YAMAMOTO 5)MASAHIDE URAGOH 6)KENICHI MURAKAMI 7)CHIE HAMA |
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(57) Abstract :

In a method of manufacturing a grain=-oriented electrical steel sheet including a nitriding treatment (step S7) and adopting so-called low-temperature slab heating, the finish temperature of finish rolling in hot rolling (step S2) is set to 950° C or below, the cooling is started within 2 seconds after completion of the finish rolling, and a steel strip is coiled at 700° C or below. The cooling rate over the duration from the end of finish rolling to the start of coiling is set to 10° C/sec or above. In annealing (step S3) of the hotrolled steel strip, the heating rate in the temperature range from 800° C to 1000° C is set to 5° C/sec or above.

No. of Pages : 46 No. of Claims : 16

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : SWITCHABLE GAS AND LIQUID RELEASE AND DELIVERY DEVICES SYSTEMS AND METHODS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date | :A61L9/12 :61/814810 :22/04/2013 :U.S.A. :PCT/US2014/035054 :22/04/2014 | (71)Name of Applicant : 1)THE REGENTS OF THE UNIVERSITY OF CALIFORNIA Address of Applicant :1111 Franklin Street 5th Floor Oakland CA 94607 5200 U.S.A. 2)SENSABLE TECHNOLOGIES LLC |
|--|--|--|
| (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :WO 2014/176291 :NA :NA :NA :NA | (72)Name of Inventor : 1)JIN Sungho 2)GARDNER Calvin 3)MATTHEW Stewart |

(57) Abstract :

Methods, systems, and devices are disclosed for implementing switchable dispensing and/or delivery of scented substances, hi one aspect, a device includes a cartridge structured to include one or more chambers containing one or more scented substances contained in a corresponding chamber, a housing structured to include a compartment to hold the cartridge, an opening to allow the scented substances to dispense to an outer environment from the device, and one or more transporting channels formed between the compartment and the opening, in which each of the one or more transporting channels is configured to accelerate a scented substance from the corresponding chamber to the opening, and an actuator switch arranged in a corresponding transporting channel and operable to move between an open position and a closed position based on an applied signal to selectively allow passage of the scented substance from the corresponding transporting path.

No. of Pages : 75 No. of Claims : 74

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : LUBRICATING SKIN ENGAGING MEMBER (51) International classification :A61Q9/02,B26B21/44,A61K8/86 (71)Name of Applicant : (31) Priority Document No :61/815468 **1)THE GILLETTE COMPANY** (32) Priority Date :24/04/2013 Address of Applicant : World Shaving Headquarters IP/Legal (33) Name of priority country Patent Department 3E One Gillette Park Boston Massachusetts :U.S.A. 02127 U.S.A. (86) International Application :PCT/US2014/035228 (72)Name of Inventor: No :24/04/2014 Filing Date **1)STEPHENS Alison Fiona** (87) International Publication 2)JONES Neil John :WO 2014/176391 No **3)BRADFORD Valerie Jean** (61) Patent of Addition to **4)BAXTER Elaine Alice Marie** :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

(19) INDIA

A skin engaging member for use on a hair removal device, said skin engaging member comprising: a carrier having a skin contacting surface, said skin contacting surface forming at least one orifice; and a lubricating material releasably engaged with said carrier, said at least one orifice exposing at least a portion of said lubricating material; wherein the lubricating material comprises a copolymer of polyethylene oxide and polypropylene oxide.

No. of Pages : 28 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD FOR ISOMERISATION OF GLUCOSE

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country | :C12P19/02,C07D307/46,C12N9/04 :A 50210/2013 :27/03/2013 :Austria | (71)Name of Applicant : 1)ANNIKKI GMBH Address of Applicant :Rankengasse 28a A 8020 Graz Austria (72)Name of Inventor : 1)ERTL Ortwin |
|--|--|---|
| (86) International Application No Filing Date | :PCT/EP2014/055936 :25/03/2014 | |
| (87) International Publication No | :WO 2014/154676 | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | ¹ :NA :NA | |

(57) Abstract :

Disclosed is a method for the isomerisation of glucose by reduction to sorbitol and subsequent oxidation into Iructose, in which the redox cofactors NAD+/NADH and NADP+/NADPH are regenerated in a one-pot reaction, wherein one of the two redox cofactors is obtained in the reduced form thereof while the other redox cofactor is obtained in the oxidized form thereof as a result of at least two additional enzymatically catalysed redox reactions (product forming reactions) taking place in the same reaction batch, wherein (a) in the regeneration reaction, which transfers the reduced cofactor back into its originally oxidised form, oxygen or a Compound of the general formula RiC(0)COOH is reduced, and (b) in the regeneration reaction, which transfers the oxidised cofactor back into its originally reduced form, a Compound of the general formula R2CH(OH)R is oxidised, wherein Ri, R2 und R3 have different meanngs in the Compounds, characterised in that a mixture of glucose and Iructose is used as a starting material and by the use of Iructose thus produced in a method for producing furan derivatives.

No. of Pages : 28 No. of Claims : 15

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

| (54) Title of the invention : WASTEWATER TREATMENT METHOD AND WASTEWATER TREATMENT SYSTEM | | | |
|---|---|--|--|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :PCT/JP2013/066393 :13/06/2013 :Japan | (71)Name of Applicant : 1)MITSUBISHI HEAVY INDUSTRIES MECHATRONICS SYSTEMS LTD. Address of Applicant :4 22 Wadamiya dori 5 chome Hyogo ku Kobe shi Hyogo 6520863 Japan (72)Name of Inventor : 1)AKUTSU Takeo | |

(57) Abstract :

This wastewater treatment method involves adding nitrates and an alkali to wastewater and aerating the wastewater such that the oxidation -reduction potential in the biological treatment tank for biologically treating the wastewater is \pm 0mV or greater and the dissolved oxygen concentration is 1mg/L or less. Further, this wastewater treatment system for treating wastewater is provided with a biological treatment tank for biologically treating wastewater , a nitrate adding means for adding nitrates to the wastewater, and an alkali adding means for adding an alkali to the wastewater.

No. of Pages : 32 No. of Claims : 5

(21) Application No.9879/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application | :2013901592 :06/05/2013 :Australia :PCT/AU2014/000494 :05/05/2014 :WO 2014/179827 | (71)Name of Applicant : 1)ADVANCED GLOBAL INNOVATIONS PTY. LTD. Address of Applicant :20 Strathaird Road Bundall Qld 4217 Australia (72)Name of Inventor : 1)MCINTYRE Mitchell Rex |
|---|--|---|
| | :WO 2014/179827 :NA :NA :NA :NA | |

(54) Title of the invention : CONCEALED WALL MOUNTED FOLDING URINAL

(57) Abstract :

A concealed wall-mounted folding urinal (10) has a main body (12) adapted to be mounted on an internal wail of a bathroom or lavatory in a building such as a dwelling. A tray (14) is pivotaliy attached to the main body (12) for movement between a first, standby, position in which the tray (14) abuts the main body portion (12), and a second, ready for use, position in which the tray (14) is ready to receive urine from a male person standing before the urinal (10). An actuator (78) is adapted to pivot the tray (14) between the first position and the second position in response to the output of a sensor (106, 108). When the sensor (106, 108) detects the presence of a person within a predetermined distance of the urinal, the actuator (78) is caused to pivot the tray (14) from the first position to the second position, When the sensor (108, 108) detects the absence of a person within a predetermined distance of the urinal, the actuator (78) is caused to pivot the tray (14) from the second position to the first position, in the first position, the urinal (10) is then flushed with water through a spray nozzle (80).

No. of Pages : 22 No. of Claims : 11

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

| (54) Title of the invention : RECLINING | APPARATUS | |
|---|--|---|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :A47C1/025 :2010195816 :01/09/2010 :Japan :PCT/JP2011/062341 :30/05/2011 :WO 2012/029369 :NA :NA :NA :NA | (71)Name of Applicant : 1)SHIROKI CORPORATION Address of Applicant :2 Kirihara cho Fujisawa shi Kanagawa 2520811 Japan (72)Name of Inventor : 1)ITO Koji |

(57) Abstract :

A through hole (31a) is formed in a rotating cam (31) with the center of the through hole being the rotational center of the rotating cam (31) and a cylindrical part (77) for engaging the through hole (31a) of the rotating cam (31) is formed on a spacer (75) that is provided on the base of a ratchet (first member 21) and prevents pawls (33) from moving toward the base of the ratchet (21).

No. of Pages : 31 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : POLYAMIDE COMPOSITE STRUCTURES AND PROCESSES FOR THEIR PREPARATION

| (51) International classification | n:B32B5/26,B32B27/12,B32B27/34 | (71)Name of Applicant : |
|---|-----------------------------------|--|
| (31) Priority Document No | :61/408166 | 1)E. I. du Pont de Nemours and Company |
| (32) Priority Date | :29/10/2010 | Address of Applicant :1007 Market Street Wilmington DE |
| (33) Name of priority country | :U.S.A. | 19898 U.S.A. |
| (86) International Application No Filing Date | :PCT/US2011/057951 :27/10/2011 | (72)Name of Inventor :1)YUAN Shengmei2)ELIA Andri E. |
| (87) International Publication No | :WO 2012/058350 | 3)KIRCHNER Olaf Norbert 4)WAKEMAN Martyn Douglas |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

The present invention relates to the field of composite structures overmolded composites structures and processes for their preparation particularly it relates to the field of polyamide composite structures. The disclosed composite structures have a surface which surface has at least a portion made of a surface resin composition and comprise a fibrous material selected from non woven structures textiles fibrous battings and combinations thereof said fibrous material being impregnated with a matrix resin composition wherein the matrix resin composition and the surface resin composition is selected from polyamide compositions comprising a blend of semi aromatic polyamides.

No. of Pages : 27 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : TRANSPARENT DIFFUSIVE OLED SUBSTRATE AND METHOD FOR PRODUCING SUCH A SUBSTRATE

| (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date | a:C03C3/066,C03C8/02,C03C17/34 :13168335.1 :17/05/2013 :EPO :PCT/EP2014/058737 :29/04/2014 :WO 2014/183992 :NA :NA | (71)Name of Applicant : 1)SAINT GOBAIN GLASS FRANCE Address of Applicant :18 Avenue dAlsace F 92400 Courbevoie France (72)Name of Inventor : 1)LECAMP Guillaume 2)SAUVINET Vincent 3)LEE Young Seong |
|--|--|---|
| Filing Date (62) Divisional to Application Number Filing Date | :NA :NA :NA | |

(57) Abstract :

The invention is drawn to a transparent diffusive OLED substrate comprising the following successive elements or layers: - a transparent flat substrate made of mineral glass having a refractive index of between 1.45 and 1.65, - a rough low index layer comprising mineral particles, said mineral particles being bonded to one side of the substrate by means of a low index enamel, the mineral particles near, at or protruding from the enamels surface creating a surface roughness characterized by an arithmetical mean deviation R comprised between 0.15 and 3 mp, the mineral particles and enamel both having a refractive index of between 1.45 and 1.65; - a high index planarization layer made of an enamel having a refractive index comprised between 1,8 and 2,1 cover ing the rough low index layer (b). It is also drawn to a method for preparing such a diffusive OLED substrate.

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

(19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

| (* .) | | - |
|--|--------------------|--|
| | | |
| (51) International classification | :G01N27/327 | (71)Name of Applicant : |
| (31) Priority Document No | :13/875487 | 1)LIFESCAN SCOTLAND LIMITED |
| (32) Priority Date | :02/05/2013 | Address of Applicant :Beechwood Park North Inverness IV2 |
| (33) Name of priority country | :U.S.A. | 3ED U.K. |
| (86) International Application No | :PCT/EP2014/059013 | (72)Name of Inventor : |
| Filing Date | :02/05/2014 | 1)GUTHRIE Brian |
| (87) International Publication No | :WO 2014/177706 | 2)LLOYD Tim |
| (61) Patent of Addition to Application | :NA | 3)GADDE Yeswanth |
| Number | :NA :NA | 4)STRACHAN Alexander |
| Filing Date | INA | 5)ELDER David |
| (62) Divisional to Application Number | :NA | 6)MASSARI Rossano |
| Filing Date | :NA | 7)FORTANI Christian |
| | | |

(54) Title of the invention : ANALYTICAL TEST METER

(57) Abstract :

A portable analytical test meter is designed for use with an associated analytical test strip. A test-strip-receiving module receives the analytical test strip and is electrically connected to a dummy load calibration circuit block. That block is configured to provide a dummy magnitude correction and a dummy phase correction; and a memory block is configured to store the dummy magnitude correction and the dummy magnitude correction and a dummy phase correction of the portable analytical test meter using a dummy load calibration circuit block of the portable analytical test meter. The dummy magnitude correction and the dummy phase correction are stored in a memory block of the portable analytical test meter. Using the stored dummy magnitude correction and stored dummy phase correction, an analyte is determined.

No. of Pages : 55 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

(51) International classification :C22B34/32 (71)Name of Applicant : (31) Priority Document No 1)MIDREX TECHNOLOGIES INC. :61/830189 (32) Priority Date Address of Applicant :2725 Water Ridge Parkway Suite 100 :03/06/2013 (33) Name of priority country Charlotte NC 28217 U.S.A. :U.S.A. :PCT/US2014/040246 (72)Name of Inventor : (86) International Application No Filing Date :30/05/2014 1)CHEVRIER Vincent F. (87) International Publication No :WO 2014/197315 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : METHODS AND SYSTEMS FOR PRODUCING FERRO CHROME IN A DUPLEX FURNACE

(57) Abstract :

A method for producing a high purity high carbon molten chrome product from chrome and carbon bearing material, said method comprising the steps of: (a) continuously introducing chrome compacts directly into an electric melter; (b) heating and melting the chrome compacts in the electric melter at a temperature of between about 1300° C to about 1700° C to form high carbon molten chrome; (c) preventing oxidation of the high carbon molten chrome via minimization of the ingress of oxygen containing gas in said heating step; (d) carburizing the high carbon molten chrome to form high carbon molten metallized chrome; (e) purifying the high carbon molten chrome to silicon and desulfurizing the high carbon molten metallized chrome to produce the high purity high carbon molten chrome product; and (f) discharging the high purity high carbon molten chrome product from the electric melter.

No. of Pages : 19 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : MAGNETIC FIELD PLASMA CONFINEMENT FOR COMPACT FUSION REACTOR

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Eiling Date | : :- :Not Selected :PCT/US2014/032754 :03/04/2014 :WO 2014/204555 :NA :NA :NA | (71)Name of Applicant : 1)LOCKHEED MARTIN CORPORATION Address of Applicant :6801 Rockledge Drive Bethesda MD 20817 U.S.A. (72)Name of Inventor : 1)McGUIRE Thomas John |
|---|---|---|
| Filing Date | :NA | |

(57) Abstract :

A infusion reactor (110) includes two internal magnetic coils(140) suspended within an enclosure (120) a center magnetic coil (130) coaxial with the two internal magnetic coils (140) and located proximate to a midpoint of the enclosure, a plurality of encapsulating magnetic coils (150) coaxial with the internal magnetic coils, and two mirror magnetic coil (160) coaxial with the internal magnetic coils. The encapsulating magnetic coils (160) preserve the magnetohydrodynamic (MHD) stability of the fusion reactor by maintaining a magnetic wall that prevents plasma within the enclosure from expanding.

No. of Pages : 41 No. of Claims : 20

(21) Application No.9884/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : HEATING PLASMA FOR FUSION POWER USING NEUTRAL BEAM INJECTION

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :G21B1/05,H05H1/14,G21B1/15 :61/808136 :03/04/2013 :U.S.A. :PCT/US2014/032764 :03/04/2014 o :WO 2014/204557 :NA :NA :NA | (71)Name of Applicant : 1)LOCKHEED MARTIN CORPORATION Address of Applicant :6801 Rockledge Drive Bethesda MD 20817 U.S.A. (72)Name of Inventor : 1)MCGUIRE Thomas John 2)COLEMAN Josh Eugene |
|--|--|--|
|--|--|--|

(57) Abstract :

A fusion reactor includes two internal magnetic coils suspended within an enclosure, a center magnetic coil coaxial with the two internal magnetic coils and located proximate to a midpoint of the enclosure, a plurality of encapsulating magnetic coils coaxial with the internal magnetic coils and two mirror magnetic coil coaxial with the internal magnetic coils. The fusion reactor further includes one or more heat injectors operable to inject a beam of neutral particles toward the center of the enclosure.

No. of Pages : 42 No. of Claims : 20

(21) Application No.9885/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : MAGNETIC FIELD PLASMA CONFINEMENT FOR COMPACT FUSION POWER REACTOR :G21B1/05,H05H1/14 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)LOCKHEED MARTIN CORPORATION :61/808089 (32) Priority Date :03/04/2013 Address of Applicant :6801 Rockledge Drive Bethesda MD (33) Name of priority country :U.S.A. 20817 U.S.A. (86) International Application No :PCT/US2014/032757 (72)Name of Inventor : Filing Date :03/04/2014 1)MCGUIRE Thomas John (87) International Publication No :WO 2014/165641 (61) Patent of Addition to Application :NA Number

:NA

:NA

:NA

(57) Abstract :

Filing Date

Filing Date

A fusion reactor (110) which includes a plurality of internal magnetic coils (140) suspended within an enclosure (120), one or more center magnetic coils (130) coaxial with the plurality of internal magnetic coils (140), a plurality of encapsulating magnetic coils (150) coaxial with the internal magnetic coils, and a plurality of mirror magnetic coils (160) coaxial with the internal magnetic coils. The encapsulating magnetic coils (150) maintain a magnetic wall that prevents plasma within the enclosure from expanding.

No. of Pages : 47 No. of Claims : 20

(62) Divisional to Application Number

(19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

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

| Filing Date 1)KUROSAKI Masao (87) International Publication :WO 2014/189063 No :WO 2014/189063 (61) Patent of Addition to :NA Application Number :NA Filing Date :NA (62) Divisional to Application :NA Number :NA Image: NA :NA | (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application | :Japan :PCT/JP2014/063394 :20/05/2014 :WO 2014/189063 :NA :NA | 1)NIPPON STEEL & SUMITOMO METAL CORPORATION Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan (72)Name of Inventor : 1)KUROSAKI Masao 2)MAKI Jun 3)YAMANAKA Shintaro |
|--|---|--|---|
|--|---|--|---|

(57) Abstract :

A plating layer containing 7.2-10.6 mass% Fe, 0.2-0.4 mass% Al, and 0.1 mass% N i and the like, the balance comprising Z n and impurities, wherein a galvannealed steel plate having excellent press formability is characterized in being provided with the plating layer in which, in the vertical section of the plating layer, the average thickness of a £, phase is no greater than 0.2 urn, and the average thickness of a T phase that exists in contact with the base steel is no greater than 0.5 urn, and within the T phase, Ni and the like is contained at a ratio within the T phase of at least 0.5 mass%, the phase that exists in contact with the T phase being a mixed phase of a TI phase and a 8 phase, the 8 phase ratio defined in the following equation being at least 10%: 8 phase ratio=(8 phase/ T phase contact interface length)/(8 phase/ r phase contact interface length -t Ti Phase / r phase and the T phase are in contact, and the ri phase/T phase contact interface length is the length of the interface at which the T phase and the T phase are in contact.

No. of Pages : 67 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : SUBSTRATE TREATING COMPOSITION FOR COATED METAL PLATE PLATED METAL PLATE SUBJECTED TO SUBSTRATE TREATMENT AND METHOD FOR MANUFACTURING SAID PLATE COATED AND PLATED METAL PLATE AND METHOD FOR MANUFACTURING SAID PLATE

| (51) International classification | :C23C22/44,C23C28/00 | (71)Name of Applicant : |
|--|----------------------|---|
| (31) Priority Document No | :2013089484 | 1)NIHON PARKERIZING CO. LTD. |
| (32) Priority Date | :22/04/2013 | Address of Applicant :15 1 Nihonbashi 1 chome Chuo ku |
| (33) Name of priority country | :Japan | Tokyo 1030027 Japan |
| (86) International Application No | :PCT/JP2014/061094 | 2)NIPPON STEEL & SUMIKIN COATED SHEET |
| Filing Date | :18/04/2014 | CORPORATION |
| (87) International Publication No | :WO 2014/175194 | (72)Name of Inventor : |
| (61) Patent of Addition to Application | :NA | 1)YAMAMOTO Shigeki |
| Number | :NA :NA | 2)IKO Tomohiro |
| Filing Date | .NA | 3)KUDO Eisuke |
| (62) Divisional to Application Number | :NA | 4)NOMURA Hiromasa |
| Filing Date | :NA | 5)OYOKAWA Hiroyuki |

(57) Abstract :

Provided is a water- based substrate treating composition for a coated metal plate, said composition forming a substrate treating layer for imparting superior eave corrosion resistance while guaranteeing sufficient processing adhesion without chromium. A substrate treating composition containing a particular organosilicon compound, a hexafluoro metal acid, a urethane resin having a particular cationic group, a vanadium compound, and an aqueous medium, wherein a substrate layer that imparts superior eave corrosion resistance while guaranteeing sufficient processing adhesion is obtained due to the cationic group and total amine number of the urethane resin having particular values.

No. of Pages : 50 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :04/03/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : NON AQUEOUS ELECTROLYTE BATTERY

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :H01M10/058,H01M2/16,H01M4/13 :2010198752 :06/09/2010 :Japan :PCT/JP2011/070122 :05/09/2011 :WO 2012/033034 :NA :NA | (71)Name of Applicant : 1)SHIN-KOBE ELECTRIC MACHINERY CO., LTD., Address of Applicant :8-1, AKASHI-CHO, CHUO-KU TOKYO TOKYO 104-0044 JAPAN Japan 2)NTT FACILITIES, INC. (72)Name of Inventor : 1)TSUJIKAWA Tomonobu 2)ARAKAWA Masayasu 3)KURITA Kenji 4)TERADA Masayuki |
|--|---|--|
| Filing Date | :NA | |

(57) Abstract :

Provided is a non-aqueous electrolyte battery that can en sure safety when there is an abnormality in the battery, and inhibit reduction in capacity and output during battery use. A lithium-ion secondary battery (20) has a battery container (7) that accommodates an electrode group (6) onto which positive and negative electrode plates are wound with a separator therebetween and that is filled with a non-aqueous electrolyte. The positive electrode plate comprises an aluminum foil (W1) on both sides of which is formed a positive electrode mix layer (W2) containing a lithium transition metal multiple oxide. O n the surface of the positive elec trode mix layer (W2) is formed a flame retardant layer (We) containing a phosphazene-compound flame retardant agent and a polyethylene oxide of an ion conductive binder. The negative electrode plate comprises a rolled copper ion (W3) on both sides of which is formed a negative electrode mix layer (W4) containing a carbon material of a negative electrode active material. The polyethylene oxide maintains ion conductivity, and when the battery temperature increases due to a battery abnormality, the phosphazene compound breaks down.

No. of Pages : 24 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD AND SYSTEM FOR CONDUCTING A CASH-ON-DELIVERY(COD) TRANSACTION

| (51) International classification:G06Q10/0(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA | (71)Name of Applicant : MASTERCARD ASIA PACIFIC PTE LTD Address of Applicant :152 BEACH ROAD #35-00, THE GATEWAY EAST 189721, SINGAPORE Singapore (72)Name of Inventor : GUPTA, AMIT |
|--|---|
|--|---|

(57) Abstract :

Methods and systems for conducting cash-on-delivery (COD) transactions. An exemplary method for conducting a COD transaction, assigned a unique identifier by a server, comprises: receiving the unique identifier during delivery; generating a transaction payment confirmation request upon receipt of the unique identifier; transmitting the transaction payment confirmation request, using an open connection message session, to a client for transaction payment confirmation; receiving, from the client, a response to the transaction payment confirmation request during the open connection message session; and processing the COD transaction based on the response of the client to the transaction payment confirmation request. To be Published Figure 4

No. of Pages : 29 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : CO -CROSSLINKED PHOSPHATED NATIVE AND/OR FUNCTIONALIZED POLYSACCHARIDE BASED HYDROGEL

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication | :C08B37/02,C08B37/08,C08J3/075 :1353719 :24/04/2013 :France :PCT/FR2014/050984 :23/04/2014 | (71)Name of Applicant : 1)AYAWANE Address of Applicant :60 avenue Rockefeller F 69008 Lyon France (72)Name of Inventor : 1)DAHRI CORREIA Latifa |
|---|---|--|
| No | :WO 2014/174213 | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

A co-crosslinked phosphorylated hydrogel of polysaccharides, based on (i) dextran and (ii) on hyaluronic acid and/or a sait thereof, which is optionally functionalized, in which hydrogel said dextran and said hyaluronic acid (and/or the sait thereof, which is optionally functionalized) are bonded to one another via phosphodiester and/or polyphosphodiester covalent bonds.

No. of Pages : 41 No. of Claims : 12

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

| (54) Title of the invention : ARC EVAPO | RATION SOURCE | |
|---|---|---|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :C23C14/24 :NA :NA :NA :PCT/JP2013/062560 :30/04/2013 :WO 2014/178100 :NA :NA :NA :NA | (71)Name of Applicant : NIPPON ITF INC. Address of Applicant :575 Kuzetonoshiro cho Minami ku Kyoto shi Kyoto 6018205 Japan (72)Name of Inventor : OKAZAKI Naoto YOSHIHARA Ken ISHIZUKA Hiroshi MATSUNO Tomoyasu NARAHARA Shinji |

(57) Abstract :

Provided is an arc evaporation source, which is for melting and evaporating a cathode material by arc discharge in a vacuum and forming a film on the surface of a substrate and which is equipped with a cathode that is formed roughly in a disc shape and a magnetic field-generating means disposed on the back side of the cathode. The magnetic field-generating means is configured so as to generate a magnetic field which forms, by means of at least one permanent magnet disposed on the back surface of the cathode with the magnetic pole oriented in a direction that is $20 \degree -50 \degree$ with respect to the discharge surface of the cathode, magnetic lines that form an acute angle with respect to the discharge surface at the most peripheral section of the cathode discharge surface, and magnetic lines that are substantially perpendicular to the discharge surface at the most peripheral section of the cathode discharge surface, and magnetic lines that form an acute angle with respect to the direction of the cathode center in the region towards the outer circumferential surface of the cathode discharge surface. The arc evaporation source allows a cathode to be utilized fully to the periphery thereof ana is able to dramatically increase cathode material utilization efficiency.

No. of Pages : 30 No. of Claims : 4

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : IMPROVING TEREPHTHALIC ACID PURGE FILTRATION RATE BY CONTROLLING % WATER IN FILTER FEED SLURRY Т

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :C07C51/00 :12/860128 :20/08/2010 :U.S.A. :PCT/US2011/047317 :11/08/2011 :WO 2012/024134 :NA :NA :NA :NA | (71)Name of Applicant : 1)GRUPO PETROTEMEX S.A. DE C.V. Address of Applicant :Ricardo Margain No. 444 Torre Sur Piso 16 Col. Valle Del Campestre San Pedro Garza Garcia Nuevo Leon 66265 Mexico (72)Name of Inventor : 1)PARKER Kenny Randolph 2)BLAIR Larry Wayne |
|--|--|--|
|--|--|--|

(57) Abstract :

The process relates improving terephthalic acid purge filtration rate by controlling % water in filter feed slurry and to the recovery of a metal catalyst from oxidizer purge stream produced in the synthesis of carboxylic acid typically terephthalic acid while utilizing pressure filtration.

No. of Pages : 30 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : 2-(ARYLAMINO)-3H-IMIDAZO[4,5-B]PYRIDINE-6-CARBOXAMIDE DERIVATIVES AND THEIR **USE AS MPGES-1 INHIBITORS**

| (51) Internationalclassification(31) Priority Document No | | (71)Name of Applicant : 1)BOEHRINGER INGELHEIM INTERNATIONAL GMBH |
|--|--|--|
| (32) Priority Date(33) Name of priority | :20/08/2010 | Address of Applicant :Binger Strae 173 55216 Ingelheim Am Rhein Germany |
| country | :EPO | (72)Name of Inventor : |
| (86) InternationalApplication NoFiling Date(87) International | :PCT/EP2011/064257 :19/08/2011 :WO 2012/022792 | 1)PRIEPKE Henning 2)DOODS Henri 3)KUELZER Raimund 4)PFAU Roland |
| Publication No (61) Patent of Addition to Application Number Filing Date | :NA :NA | 5)STENKAMP Dirk 6)PELCMAN Benjamin 7)ROENN Robert 8)LUBRIKS Dimitrijs |
| (62) Divisional to Application Number Filing Date | :NA :NA | 9)SUNA Edgars |

(57) Abstract :

This invention relates to compounds of formula (I) their use as inhibitors of the microsomal prostaglandin E synthase 1 (mPGES 1) pharmaceutical compositions containing them and their use as medicaments for the treatment and/or prevention of inflammatory diseases and associated conditions. A M W R R R R R have meanings given in the description.

No. of Pages : 116 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

| (54) Title of the invention : BU | TYL IONOMER LATEX | |
|--|--|--|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :C08L23/36,C08J3/03,C08L23/32 :61/373379 :13/08/2010 :U.S.A. :PCT/CA2011/050486 :11/08/2011 :WO 2012/019301 :NA :NA :NA | (71)Name of Applicant : 1)LANXESS INC. Address of Applicant :1265 Vidal Street South Sarnia Ontario N7T 7M2 Canada (72)Name of Inventor : 1)ADKINSON Dana K. 2)KRISTA Rayner 3)RESENDES Rui |

(57) Abstract :

The invention relates to a latex composition wherein the latex composition comprises a butyl ionomer or partially halogenated butyl rubber ionomer. The latex composition is formed by dissolving the butyl ionomer in a suitable solvent emulsifying the polymer in the solvent adding water and optionally a minor amount of a suitable surfactant system to the emulsion and concentrating the emulsion to remove the water. The advantages of butyl ionomer latex include lower emulsifier levels increased latex stability improved interaction and adhesion to polar substrates and surfaces. Through the judicious choice of emulsifiers and/or washing to remove excess emulsifier a film with enhanced non extractable polymeric antimicrobial function can be created. These properties of ionomer latex are useful in coatings dipped goods and sponge applications.

No. of Pages : 28 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :16/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : CONTENT RECOMMENDATION IN A NETWORKED ENVIRONMENT

| (51) International classification (31) Priority Document No | :G06F3/048 :NA | (71)Name of Applicant : 1)Samsung Electronics Co., Ltd. |
|--|-------------------|--|
| (32) Priority Date | :NA | Address of Applicant :416 Maetan-Dong, Yeongtong-GU, |
| (33) Name of priority country | :NA | Suwon-SI, Gyeonggi-do 442-742, Republic of Korea Republic of |
| (86) International Application No | :NA | Korea |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)DUTTA, Bhaskar |
| (61) Patent of Addition to Application Number | :NA | 2)KUMAR, Atul |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention generally relates to content recommendations among devices which are connected or networked with each other. More specifically, it relates to recommending broadcast channels, programs, recorded contents, normal copied contents or computer generated contents in a networked environment. Recommendation can be send from originator to recipient in the form of text message, audio message or picture representation of the contents.

No. of Pages : 83 No. of Claims : 49

(19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : PROCESS FOR PREPARING AN AQUEOUS SOLUTION OF A METHYLCELLULOSE

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication | :C08L1/28,A23L1/308,A23L1/0534 :61/811300 :12/04/2013 :U.S.A. ¹ :PCT/US2014/033273 :08/04/2014 | (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)DEO Puspendu 2)BROWN Kathryn 3)WALLICK David E. 4)SAMMLER Robert L. |
|--|--|---|
| No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :WO 2014/168915 :NA :NA | 5)LI Yongfu |

(57) Abstract :

A process for preparing an aqueous solution of a methylcellulose having anhydroglucose units joined by 1-4 linkages wherein hydroxy groups of anhydroglucose units are substituted with methyl groups such that s23/s26 is 0.36 or less, wherein s23 is the molar fraction of anhydroglucose units wherein only the two hydroxy groups in the 2- and 3-positions of the anhydroglucose unit are substituted with methyl groups and wherein s26 is the molar fraction of anhydroglucose units wherein only the two hydroxy groups in the 2- and 3-positions of the anhydroglucose unit are substituted with methyl groups, comprises the step of mixing the methylcellulose with an aqueous liquid at a temperature of not higher than 10 °C at a shear rate of at least 1000s-1.

No. of Pages : 34 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

| (54) Title of the invention : BE | LT STEP CONVEYOR SYSTEM | |
|--|--|--|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | a :B41J11/00,B65H29/24,B65H5/22 :13167784.1 :15/05/2013 :EPO :PCT/EP2014/059819 :14/05/2014 :WO 2014/184226 :NA :NA :NA | (71)Name of Applicant : 1)AGFA GRAPHICS NV Address of Applicant :IP Department 3622 Septestraat 27 B 2640 Mortsel Belgium (72)Name of Inventor : 1)DE ROECK Luc 2)PIRON Eric 3)ZWIJSEN Jan |

(57) Abstract :

A belt step conveyor system with high accurate position capabilities due to a moving belt gripper (60,61) mounted on a linear movement system to convey the conveyor belt (1) rotating about a plurality of pulleys (40, 41) in successive distance movements while the moving belt gripper engaged the conveying belt and the moving belt gripper is moved from a home position to an end position by the linear movement system. The conveyor belt is stagnated by the engaging of a stagnating belt gripper while the moving belt gripper moves back to its home position else the stagnating belt gripper has released the conveyor belt.

No. of Pages : 34 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification | :F16B33/00,F16B37/14 | (71)Name of Applicant : |
|---|----------------------|--|
| (31) Priority Document No | :61/814634 | 1)PRC- DESOTO INTERNATIONAL INC. |
| (32) Priority Date | :22/04/2013 | Address of Applicant :12780 San Fernando Road Sylmar |
| (33) Name of priority country | :U.S.A. | California 91342 U.S.A. |
| (86) International Application No | :PCT/US2014/034906 | (72)Name of Inventor : |
| Filing Date | :22/04/2014 | 1)RIZZELLO Soccorso |
| (87) International Publication No | :WO 2014/176208 | 2)LAMBOURNE Sean |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(54) Title of the invention : SEALANT CAPS INCLUDING INTERNAL BARRIER RINGS

(57) Abstract :

Sealant cap assemblies comprise a cap shell having an interior volume and a recess adjacent to a bottom opening thereof, a sealant barrier ring at least partially inserted in the recess in the cap shell, and sealant located radially outside the sealant barrier ring adjacent to the bottom opening of the cap shell. The sealant barrier ring may retract into the recess in the cap shell. The sealant may be uncured or partially cured, and is prevented from flowing inside the barrier ring when the sealant cap assemblies are installed on fasteners. Methods of making and using such seal cap assemblies are disclosed. Fasteners sealed by such sealant cap assemblies are also disclosed.

No. of Pages : 14 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : VACUUM TUBE LIFTING DEVICE AND LIFTING HOSE AND METHOD FOR CONTROL OF A VACUUM TUBE LIFTING DEVICE

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :SE13300603 :22/05/2013 :Sweden | (71)Name of Applicant : 1)VACULEX AB Address of Applicant : Aminogatan 22 S 43137 Mlndal Sweden (72)Name of Inventor : 1)LUNDIN Anders |
|---|---------------------------------------|---|
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(57) Abstract :

The invention relates to a vacuum tube lifting device comprising a lifting hose (15), which lifting hose (15) has a first end (15a) for attachment of the lifting hose (15) and a second end (15b) for connection to a means (17, 18) disposed to couple the lifting hose (15) to a load (25), wherein the lifting hose (15) is adapted for connection to an adjustable vacuum source (11) and a control unit (13) disposed to adjust the pressure inside the lifting hose (15) by means of input signals for the purpose of achieving an extending or contracting shifting movement of the lifting hose (15) for shifting of a load (25). The device comprises an arrangement (26) disposed to measure in an ongoing manner a parameter proportional to the momentary length of the lifting hose (15) or a parameter proportional to a change in the momentary length of the lifting hose (15), and to emit to the control unit (13) at least a first signal, which is used by the control unit (13) to obtain an actual value, and that said control unit (13) is disposed to automatically adjust the vacuum source (11) for the purpose of adjusting the length of the lifting hose (15) to a desired target value starting out from said actual value. The invention relates to a device that facilitates automatic adjustment of the pressure in the lifting hose through a possibility of automatic adjustment of at least the vacuum source. The invention also relates to a lifting hose for, and a method for control of, such a vacuum tube lifting device.

No. of Pages : 35 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : A CONTINUOUS DRILLING FLUID CIRCULATION UNIT AND ARRANGEMENT

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :20130469 :08/04/2013 :Norway :PCT/NO2014/050047 :03/04/2014 :WO 2014/168482 :NA :NA :NA | (71)Name of Applicant : 1)WEST DRILLING PRODUCTS AS Address of Applicant :Postboks 374 N 4067 Stavanger Norway (72)Name of Inventor : 1)SKJ†RSETH Odd B. 2)EILERTSEN Bj,rn |
|---|--|--|
| Filing Date | :NA | |

(57) Abstract :

A circulation unit (1) and an arrangement arranged to continuously circulate drilling fluid during drilling, in which a housing (2) is provided with a centre bore (4) arranged to accommodate a portion of a pipe (38); the centre bore (4) includes upper and lower sealing elements (30, 32); the sealing elements (30, 32) are provided with centre openings (33) which, by the expansion of said sealing elements (30, 32), areclosable or fit tightly against the pipe (38) by the abutment of an inner sealing surface (34) against the pipe (38), and each of the sealing elements (30, 32) is connected in a fluid-tight manner to a packing pipe (8) which is located in the housing (2) and which is rotatable around the centre axis (6) of the centre bore (4), and the packing pipe (8) is surrounded by a packing assembly (18, 20) fitting tightly between the periphery of the packing pipe (8) and the housing (2).

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : PROCESS FOR PREPARING AN AQUEOUS SOLUTION OF SACCHARIDES AND METHYLCELLULOSE

| (51) International classification:A23L1/308,A23L1/0534,A23L1/29(31) Priority Document No (32) Priority Date:61/811301(32) Priority Date:12/04/2013(33) Name of priority country:U.S.A.(86) International Application No:PCT/US2014/033275 :08/04/2014(87) International Publication No:WO 2014/168917(61) Patent of Addition to Filing Date:NA :NA :NA Filing Date(62) Divisional to Application Number Filing Date:NA :NA :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)DEO Puspendu 2)ADDEN Roland 3)KNARR Matthias 4)SAMMLER Robert L. 5)BROWN Kathryn |
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(57) Abstract :

An aqueous solution comprising (a) one or more mono-, di- and/or oligosaccharides and (b) a methylceUulose, wherein the methylceUulose has anhydroglucose units joined by 1-4 linkages wherein hydroxy groups of anhydroglucose units are substituted with methyl groups such that s23/s26 is 0.36 or less, is produced by i) mixing the methylceUulose with an aqueous liquid comprising one or more mono-,di- and/or oligosaccharides at a shear rate of at least 1000 s 1 or ii) mixing one or more mono-,di-and/ or oligosaccharides with the methylceUulose and/or an aqueous liquid before, simultaneously with or after mixing the methylcellulose with the aqueous liquid at a shear rate of at least 1000 s-1.

No. of Pages : 30 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : CONTROL CIRCUIT AND METHOD FOR AN LED EXTERNAL LIGHTING UNIT OF A VEHICLE

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date | :PCT/EP2014/057518 :14/04/2014 :WO 2014/173718 :NA :NA | (71)Name of Applicant : 1)PIAGGIO & C. S.P.A. Address of Applicant :Viale Rinaldo Piaggio 25 I 56025 Pontedera Italy (72)Name of Inventor : 1)PEDANI Giuseppe 2)SANFELICE Yari 3)BARACCHINO Luigi |
|--|--|---|
| (62) Divisional to Application Number Filing Date | n:NA :NA | |

(57) Abstract :

The invention describes a control circuit (10) for an LED external lighting unit (2) of a vehicle (1), said lighting unit(2) comprising at least an LED source (LI, L2) and a passive heatsink (3). The control circuit (10) comprises: - a temperature sensor(11) adapted to provide a first output signal (s_t) carrying information about the operating temperature of the LED source (LI, L2)and/or of the passive heatsink (3); - a first output node (NO_l) operatively connectable to an optical and/or acoustic warning device (6) and adapted to provide thereto a first control signal (s_a), depending upon the first output signal (s_t), adapted to produce an alarm warning through said warning device (6) when said temperature is higher than a first threshold value (1); - a driver unit (12) of the LED source (LI, L2) comprising a first input node (NI_1) adapted to receive a second control signal (s_c), depending upon the speed of the vehicle (1) and the first output signal (s_t), the driver unit (12) being adapted to output an LED source driving signal (s_d), said driving signal being a relatively high-power signal or a relatively low-power signal according to the second control signal (s_c).

No. of Pages : 29 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : SEMICONDUCTOR -ON- INSULATOR INTEGRATED CIRCUIT WITH INTERCONNECT BELOW THE INSULATOR

| (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application | :PCT/US2014/030553 :17/03/2014 :WO 2014/160545 :NA :NA | (71)Name of Applicant : 1)SILANNA SEMICONDUCTOR U.S.A. INC. Address of Applicant :4350 Executive Drive Suite 200 San Diego California 92191 U.S.A. (72)Name of Inventor : 1)STUBER Michael A. 2)MOLIN Stuart B. 3)BRINDLE Chris |
|---|--|--|
| Number Filing Date | :NA | |

(57) Abstract :

An integrated circuit fabricated on a semiconductor-on-insulator transferred layer is described. The integrated circuit includes an interconnect layer fabricated on the back side of the insulator. This interconnect layer connects active devices to each other through holes etched in the insulator. This structure provides extra layout flexibility and lower capacitance, thus enabling high¬ er speed and lower cost integrated circuits.

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

(19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHODS FOR IDENTIFYING PATIENTS AT RISK FOR COSTIMULATION BLOCKADE RESISTANT REJECTION

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :G01N33/569 :61/806206 :28/03/2013 :U.S.A. :PCT/US2014/031945 :27/03/2014 :WO 2014/160822 :NA :NA :NA :NA | (71)Name of Applicant : 1)BRISTOL MYERS SQUIBB COMPANY Address of Applicant :Route 206 and Province Line Road Princeton NJ 08543 U.S.A. (72)Name of Inventor : 1)KIRK Allan D. 2)ESPINOSA Jaclyn Rae 3)TOWNSEND Robert M. |
|---|---|--|
|---|---|--|

(57) Abstract :

The present invention provides methods utilizing changes in CD4+CD57+ T cells levels for determining the susceptibility of a transplant patient or patient in need thereof to costimulation blockade resistant rejection. These methods are useful for identifying effective drug regimens for the treatment of immune disorders associated with graft transplantation and/or maintenance of a transplant.

No. of Pages : 34 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : 6-(5-HYDROXY-IH-PYRAZOL-I-YL)NICOTINAMIDE DERIVATIVES AND THEIR USE AS PHD INHIBITORS

| | | (71)Name of Applicant : 1)TAKEDA PHARMACEUTICAL COMPANY LIMITED |
|--------------------------------------|-----------------------------------|--|
| | | Address of Applicant :1 1 Doshomachi 4 chome Chuo ku |
| (51) International classification | :C07D401/14,C07D405/14,C07D413/14 | Osaka shi 541 0045 Japan 2)BROWN, Jason, W. 3)DAVIS, Melinda |
| (31) Priority Document No | :61/806806 | 4)IVETAC, Anthony |
| (32) Priority Date | :29/03/2013 | 5)JONES, Benjamin |
| (33) Name of priority | :U.S.A. | 6)KIRYANOV, Andre, A. 7)KUEHLER, Jon |
| country (86) International | | 8)LANIER, Marion |
| Application No | :PCT/US2014/031918 | 9)MIURA, Joanne |
| Filing Date | :26/03/2014 | 10)MURPHY, Sean 11)WANG, Xiaolun |
| (87) International Publication No | :WO 2014/160810 | (72)Name of Inventor : |
| (61) Patent of Addition to | | 1)BROWN Jason W. |
| Application Number | INA | 2)DAVIS Melinda |
| Filing Date | :NA | 3)IVETAC Anthony 4) IONES Baniamin |
| (62) Divisional to | :NA | 4)JONES Benjamin 5)KIRYANOV Andre A. |
| Application Number | :NA | 6)KUEHLER Jon |
| Filing Date | | 7)LANIER Marion |
| | | 8)MIURA Joanne |
| | | 9)MURPHY Sean |
| | | 10)WANG Xiaolun |

(57) Abstract :

The present invention provides compounds of formula (I) which are useful as inhibitors of PHD, pharmaceutical compositions thereof, methods for treatment of conditions associated with HIF, processes for making the compounds and intermediates thereof.

No. of Pages : 236 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :23/11/2012

(43) Publication Date : 18/03/2016

| (54) Title of the invention : STENT | | |
|---|---|--|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :C12M :2010-119346 :25/05/2010 :Japan :PCT/JP2011/002903 :25/05/2011 :WO/2011/148625 :NA :NA :NA | (71)Name of Applicant : 1)ACCESS POINT TECHNOLOGIES INC. Address of Applicant :3-1-15 Kojimachi Chiyoda-ku Tokyo 1020083 Japan Japan (72)Name of Inventor : 1)HOCKING Gordon Donald |

(57) Abstract :

To provide a stent for enabling injuries to the wall of a lumen to be reduced a stent 10 in the shape of a mesh is placed and used inside a lumen such as a blood vessel of the human body where the mesh is formed of a single or plurality of pieces of wire material 11 having elasticity and the wire material 11 bends in the shape of a curve without being folded in end portions 10A 10B of the stent 10 and is formed in the shape of a cylinder.

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

(21) Application No.1565/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date | :A61K39/395,C12P21/08 :61/377886 :27/08/2010 :U.S.A. :PCT/US2011/049448 :26/08/2011 | (71)Name of Applicant : 1)GILEAD BIOLOGICS INC Address of Applicant :333 Lakeside Drive Foster City California 94404 U.S.A. (72)Name of Inventor : 1)MCCAULEY Scott Alan |
|--|--|---|
| (87) International Publication No(61) Patent of Addition to ApplicationNumberFiling Date | :WO 2012/027721 :NA :NA | 2)VAYSBERG Maria |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(54) Title of the invention : ANTIBODIES TO MATRIX METALLOPROTEINASE 9

(57) Abstract :

The present disclosure provides compositions and methods of use involving binding proteins e.g. antibodies and antigen binding fragments thereof that bind to the matrix metalloproteinase 9 (MMP9) protein (MMP9 is also known as gelatinase B) wherein the binding proteins comprise an immunoglobulin (Ig) heavy chain (or functional fragment thereof) and an Ig light chain (or functional fragment thereof).

No. of Pages : 52 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

| (51) International classification | :B01D61/00 | (71)Name of Applicant : |
|--|--------------------|---|
| (31) Priority Document No | :12/868150 | 1)LOCKHEED MARTIN CORPORATION |
| (32) Priority Date | :25/08/2010 | Address of Applicant :6801 Rockledge Drive Bethesda |
| (33) Name of priority country | :U.S.A. | Maryland 20817 U.S.A. |
| (86) International Application No | :PCT/US2011/047800 | (72)Name of Inventor : |
| Filing Date | :15/08/2011 | 1)STETSON John B. |
| (87) International Publication No | :WO 2012/027148 | 2)MERCURIO Jonathan |
| (61) Patent of Addition to Application | :NA | 3)ROSENWINKEL Alan |
| Number | :NA :NA | 4)BEDWORTH Peter V. |
| Filing Date | INA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | 1 |

(54) Title of the invention : PERFORATED GRAPHENE DEIONIZATION OR DESALINATION

(57) Abstract :

A separation arrangement isolates chlorine sodium and possibly other ions from water. The ion laden water is applied to at least one graphene sheet perforated with apertures dimensioned to pass water molecules and to not pass the smallest relevant ion. The deionized water flowing through the perforated graphene sheet is collected. The ions which are not passed can be purged. In another embodiment the ion laden water is applied to a first graphene sheet perforated with apertures dimensioned to block chlorine ions and through a second graphene sheet perforated with apertures dimensioned to block sodium ions. The concentrated chlorine and sodium ions accumulating at the first and second perforated graphene sheets can be separately harvested.

No. of Pages : 28 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :21/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : ASSEMBLY FOR REVERSIBLE FUEL CELL (51) International classification :H01M4/86,H01M8/10,H01M8/18 (71)Name of Applicant : (31) Priority Document No :10174543.8 1)SOLVAY SA (32) Priority Date :30/08/2010 Address of Applicant : Rue de Ransbeek 310 B 1120 Brussels (33) Name of priority country :EPO Belgium (86) International Application (72)Name of Inventor: :PCT/EP2011/064429 **1)DUBOIS Eric** No :23/08/2011 Filing Date 2)VANDENBORRE Hugo (87) International Publication :WO 2012/028491 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

A membrane-electrode assembly for use in a reversible fuel cell comprises an ion conductive membrane having first and second surface; a first electrocatalyst layer in contact with the first surface of the membrane said first electrocatalyst layer comprising at least one discrete electrolysis-active area (ELEi) and at least one discrete energy generation-active area (EGi). A second electrocatalyst layer is placed in contact with the second surface of the membrane said second electrocatalyst layer comprising at least one discrete electrolysis-active area (ELE2i) and at least one discrete energy generation-active area (EG2i). Each of the discrete electrolysis-active area(s) (ELEi) on the first electrocatalyst layer correspond and are aligned with each of the discrete electrolysis-active area(s) (ELE2i) on the second electrocatalyst layer and each of the discrete energy generation-active area(s) (EG2i) on the first electrocatalyst layer correspond and are aligned with each of the second electrocatalyst layer correspond and are aligned with each of the discrete area(s) (EG2i) on the first electrocatalyst layer correspond and are aligned with each of the discrete area(s) (EG2i) on the first electrocatalyst layer correspond and are aligned with each of the discrete area(s) (EG2i) on the first electrocatalyst layer correspond and are aligned with each of the discrete area(s) (EG2i) on the first electrocatalyst layer correspond and are aligned with each of the discrete area(s) (EG2i) on the second electrocatalyst layer.

No. of Pages : 23 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :B64D11/06,B60N2/01 :13161803.5 :28/03/2013 :EPO :PCT/IB2014/060265 :28/03/2014 :WO 2014/155354 :NA :NA | (71)Name of Applicant : ETIHAD AIRWAYS Address of Applicant :P.O.Box 35566 New Airport Road Abu Dhabi U.A.E. (72)Name of Inventor : LAWSON Nigel HARCUP Anthony DRYBURGH Ian |
|--|---|---|
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(54) Title of the invention : PASSENGER MODULE AND SEATING ARRAY FOR AN AIRCRAFT CABIN

(57) Abstract :

A passenger module for a seating array (1) for an aircraft cabin comprises: a pair of end walls (12, 13) generally extending in a first direction connected by at least one side wall generally extending in a second direction which is substantially orthogonal to the first direction, at least one of the walls defining an entrance to the module; at least one door assembly moveable from a stowed position in which the entrance is unobstructed by the door assembly to a deployed position in which the entrance is at least partially obstructed by the door assembly; an ottoman (12b); and a seat assembly orientated in the second direction so as to face the ottoman (12b). The ottoman (12b) is spaced from the seat (7) in the second direction and the ottoman is wider in the first direction than the seat (7).

No. of Pages : 28 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : LASER RELAY FOR FREE SPACE OPTICAL COMMUNICATIONS

| (86) International Application No Filing Date (87) International Publication No (87) International Publication Number (87) | Address of Applicant :870 Winter Street Waltham MA 02451 1449 U.S.A. (72)Name of Inventor : 1)MAKOWSKI Maciej D. 2)COLEMAN Gary D. 3)MINISCALCO William J. 4)NORDEL Stephen D. |
|---|--|
| Filing Date :NA | |

(57) Abstract :

A laser relay module for free space optical communications including an optical telescope for receiving and transmitting optical beams; an optical diplexer for separating transmitting and received optical beams; an optical amplifier; a modulated beacon laser for line of sight control of a plurality of communicating remote network nodes; a beacon beam detector for detecting an incoming beacon optical beam for line of sight control of the optical telescope and receiving data from other network nodes; and means for inserting an output of the modulated beacon laser into the optical telescope for transmission to another network node , and for transporting the incoming beacon optical beam to the beacon detector.

No. of Pages : 23 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :G06N3/02 :61/819697 :06/05/2013 :U.S.A. :PCT/US2014/036494 :02/05/2014 :WO 2014/182549 :NA :NA :NA :NA | (71)Name of Applicant : KNOWMTECH LLC Address of Applicant :117 Bryn Mawr Dr. SE Suite 101 Albuquerque NM 87106 U.S.A. NUGENT, Alex MOLTER, Tim (72)Name of Inventor : NUGENT Alex MOLTER Tim |
|---|---|---|
|---|---|---|

(54) Title of the invention : UNIVERSAL MACHINE LEARNING BUILDING BLOCK

(57) Abstract :

A universal machine learning building block, comprising in some embodiments a differential pair of output electrodes, wherein each electrode comprises a plurality of input lines coupled to it via collections of meta-stable switches. In other embodiments, a methodology can be implemented in the context of hardware and/or software for deriving linear neurons implementing an AHaH plasticity rule, and generating an AHaH node(s)that can include one or more such linear neurons, wherein the AHaH node{s} functions according to an AHaH rule.Some embodiments can also include an AHaH classifier and/or AHaH cluster that include one or more such AHaH nodes.v

No. of Pages : 56 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : AN ANTICOAGULATION FLUID COMPRISING CITRATE AND PHOSPHATE

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :A61K31/194,A61K31/7004,A61K33/10 :13505334 :30/04/2013 :Sweden :PCT/EP2014/058912 :30/04/2014 :WO 2014/177656 :NA :NA :NA | (71)Name of Applicant : 1)GAMBRO LUNDIA AB Address of Applicant :P.O. Box 10101 S 220 10 Lund Sweden (72)Name of Inventor : 1)STERNBY Jan 2)WIESLANDER Anders |
|---|---|---|
|---|---|---|

(57) Abstract :

The present invention concerns an anticoagulation fluid comprising 10- 40 m M citrate and 0.1-4 m M phosphate. The anticoagulation fluid is to be used for regional citrate anticoagulation in an extracorporeal blood circuit. The anticoagulation fluid may be combined with at least one treatment fluid in the dialysis treatment, and it may be included in a system for regional citrate anticoagulation in an extracorporeal blood circuit.

No. of Pages : 47 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : CONTROLLED ACCESS TO FUNCTIONALITY OF A WIRELESS DEVICE • (51) International classification :G03B3/00 (71)Name of Applicant : (31) Priority Document No **1)INTEL CORPORATION** :61/187,520 (32) Priority Date Address of Applicant :2200 Mission College Boulevard, MS: :16/06/2009 (33) Name of priority country RNB-4-150, Santa Clara, California 95052, United States of :U.S.A. (86) International Application No :PCT/US2010/037983 America U.S.A. (72)Name of Inventor: Filing Date :09/06/2010 (87) International Publication No :WO 2010/14823 1)FERREN, Bran (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :8407/DELNP/2011 Filed on :31/10/2011

(57) Abstract :

Various embodiments of the invention may be used to verify that a person being authorized by biometric techniques to use a device is a living person and not some form of recording intended to spoof the system. Some embodiments may try to cause a change in a measured biometric feature, and compare images taken before and after the change to verify the change occurred. In some embodiments, multiple stages of verification may be used, either to increase the difficulty of spoofing the security system, or to provide different levels of security for different levels of access to the devices functionality.

No. of Pages : 25 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : THERMOPLASTIC POLYMERS :C08J9/08,C08J9/00,C08K5/098 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)COLORANT CHROMATICS AG :1308573.3 (32) Priority Date :13/05/2013 Address of Applicant :Gewerbestrasse 11 CH 6330 Cham (33) Name of priority country :U.K. Switzerland (86) International Application No :PCT/GB2014/051463 (72)Name of Inventor: Filing Date :13/05/2014 1)OVEREND Andrew (87) International Publication No :WO 2014/184539 2)MOLONEY Steven John (61) Patent of Addition to 3)KLAAS Bjrn :NA Application Number 4)SJ-BLOM Bo :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

Thermoplastic polymers, for example fluoropolymers, are foamed by use of a solid formulation comprising thermoplastic polymer and an oxalate compound which includes a moiety selected from potassium, calcium, titanium, iron, cobalt, nickel, copper, zinc, zirconium and barium.

No. of Pages : 23 No. of Claims : 37

(19) INDIA

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

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|--|---------------------|--|
| | | |
| (51) International classification | :G01N1/28,G01N35/02 | (71)Name of Applicant : |
| (31) Priority Document No | :61/805925 | 1)THERANOS INC. |
| (32) Priority Date | :27/03/2013 | Address of Applicant :1701 Page Mill Rd Palo Alto CA 94304 |
| (33) Name of priority country | :U.S.A. | U.S.A. |
| (86) International Application No | :PCT/US2014/032092 | (72)Name of Inventor : |
| Filing Date | :27/03/2014 | 1)HOLMES Elizabeth A. |
| (87) International Publication No | :WO 2014/160903 | 2)LATH Adrit |
| (61) Patent of Addition to Application | :NA | |
| Number | :NA | |
| Filing Date | | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(54) Title of the invention : BIOLOGICAL SAMPLE PROCESSING

(57) Abstract :

Systems and methods are provided for processing a biological sample. In one embodiment, the method comprises receiving a sample vessel containing the sample; retrieving information from an information storage unit associated with the sample; using said information for selecting at least one cartridge from at least two or more different cartridges, each configured for use with a sample processing device; loading at least one or more re agents onto the cartridge, wherein the one or more reagents to be added are selected based at least in part on the information or instructions derived from the information; and placing the sample vessel in the cartridge.

No. of Pages : 31 No. of Claims : 46

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : SYSTEMS METHODS AND DEVICES RELATED TO PATIENT ADAPTED HIP JOINT IMPLANTS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :A61F2/34 :61/803803 :21/03/2013 :U.S.A. :PCT/US2014/031487 :21/03/2014 :WO 2014/153530 :NA :NA :NA | (71)Name of Applicant : 1)CONFORMIS INC. Address of Applicant :28 Crosby Drive Bedford Massachusetts 01730 U.S.A. (72)Name of Inventor : 1)KHALILI Farid 2)LANG Philipp |
|---|--|---|
|---|--|---|

(57) Abstract :

Implants trial implants and systems for treatment of a hip joint of a patient are disclosed as well as methods of making and using such implants trial implants and systems. Various embodiments include patient adapted acetabular implants and/or trial implants.

No. of Pages : 100 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : TETRAHYDROISOQUINOLINES CONTAINING SUBSTITUTED AZOLES AS FACTOR XIA INHIBITORS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :C07D401/14,C07D401/06,C07D413/06 :61/804883 :25/03/2013 :U.S.A. :PCT/US2014/031651 :25/03/2014 :WO 2014/160668 ^O :NA :NA :NA | (71)Name of Applicant : 1)BRISTOL MYERS SQUIBB COMPANY Address of Applicant :Route 206 and Province Line Road Princeton New Jersey 08543 U.S.A. (72)Name of Inventor : 1)PINTO Donald J.P. 2)CLARK Charles G. 3)SMITH II Leon M. 4)ORWAT Michael J. 5)JEON Yoon 6)CORTE James R. |
|---|---|--|
|---|---|--|

(57) Abstract :

The present invention provides compounds of Formula (I), or stereoisomers, tautomers, or pharmaceutically acceptable salts thereof, wherein all the variables are as defined herein. These compounds are selective factor XIa inhibitors or dual inhibitors of FXIa and plasma kallikrein. This invention also relates to pharmaceutical compositions comprising these compounds and methods of treating thromboembolic and/or inflammatory disorders using the same.

No. of Pages : 389 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD AND APPARATUS FOR BACTERIAL MONITORING

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to | :PCT/IL2014/050317 :25/03/2014 :WO 2014/155381 | (71)Name of Applicant : 1)YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD. Address of Applicant :The Hebrew University of Jerusalem Givat Ram P.O. Box 39135 91390 Jerusalem Israel 2)TECHNION RESEARCH & DEVELOPMENT FOUNDATION LTD. (72)Name of Inventor : 1)SAAR Amir 2)SEGAL Ester |
|--|--|--|
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

A system for detecting target elements such as bacteria in a host analyte, comprising a substrate with an ordered array of wells having diameters to fit the size of the targets. The substrate may be a periodicmacro-PSi array structure (MPSiAS) illuminated with a broadband source. The reflected light spectrum diffracted from the substrate is optically analyzed to provide the effective optical depth of the wells. Fast Fourier Transform analysis may be used for the optical analysis. Entry of target elements into wells is detected by the change in the effective optical depths of the wells. Micro-organisms as large as bacteria and viruses having dimensions comparable with the wavelength of the illumination can thus be detected. Wells with an inner section impenetrable by the target cells enables compensation for environmental changes. The detection may be performed in real time, such that production line bacterial monitoring may be achieved.

No. of Pages : 33 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : SUSTAINED- RELEASE FORMULATIONS OF COLCHICINE AND METHODS OF USING SAME

| (51) International classification :A61K9/20,A61P35/00,A61P29/00 (31) Priority Document No :61/812514 | | | |
|---|--------------------|--|--|
| (31) Priority Document No | | 1)MURRAY AND POOLE ENTERPRISES LIMITED | |
| (32) Priority Date | :16/04/2013 | Address of Applicant :Victoria House Suite 41/42 Gibraltar | |
| (33) Name of priority country | :U.S.A. | U.K. | |
| (86) International Application | :PCT/IB2014/001201 | (72)Name of Inventor : | |
| No | | 1)RIEL Susanne | |
| Filing Date | :16/04/2014 | | |
| (87) International Publication | :WO 2014/170755 | | |
| No | | | |
| (61) Patent of Addition to | :NA | | |
| Application Number | :NA | | |
| Filing Date | INA | | |
| (62) Divisional to Application | N7.4 | | |
| Number | :NA | | |
| Filing Date | :NA | | |
| I ming Duto | | | |

(57) Abstract :

Pharmaceutical compositions of colchicine for once-a-day oral administration are provided. The formulations comprise a sustainedrelease component and an optional immediate- release component, the compositions of which can be selectively adjusted, respectively, to release the active ingredient along a pre-determined or desired release profile. Method of treating or preventing cardiovascular disease and/or inflammatory disease in mammalian subjects comprising the administration of the novel formulations disclosed herein is also provided.

No. of Pages : 71 No. of Claims : 63

(21) Application No.9862/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : APPARATUS AND METHOD FOR NOTIFYING OF SECURITY INFORMATION IN ELECTRONIC DEVICE AND COMPUTER READABLE RECORDING MEDIUM FOR THE SAME

| (51) International classification | :G06F21/60,G06F21/31 | (71)Name of Applicant : |
|--|----------------------|---|
| (31) Priority Document No | :1020130045782 | 1)SAMSUNG ELECTRONICS CO. LTD. |
| (32) Priority Date | :24/04/2013 | Address of Applicant :129 Samsung ro Yeongtong gu Suwon |
| (33) Name of priority country | :Republic of Korea | si Gyeonggi do 443 742 Republic of Korea |
| (86) International Application No | :PCT/KR2014/003496 | (72)Name of Inventor : |
| Filing Date | :22/04/2014 | 1)HEO Younkyu |
| (87) International Publication No | :WO 2014/175630 | 2)KIM Youngkyoo |
| (61) Patent of Addition to Application | :NA | 3)KIM Mooyoung |
| Number | :NA :NA | 4)KIM Minjung |
| Filing Date | .11A | 5)JANG Dongho |
| (62) Divisional to Application Number | :NA | 6)CHUN Jaebong |
| Filing Date | :NA | |

(57) Abstract :

An apparatus and a method for displaying information required to be secured in a wireless communication terminal are provided. The method includes recognizing generation of notification information of one or more processes activated in a first operation mode among a plurality of operation modes including the first operation mode and a second operation mode; and notifying a user of a part of the notification information when a current operation mode is the second operation mode.

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

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : SHOCK ABSORBING MEMBER

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application | :PCT/JP2015/062076 :21/04/2015 :WO 2015/163311 :NA :NA | (71)Name of Applicant : SUZUKI MOTOR CORPORATION Address of Applicant :300 Takatsuka cho Minami ku Hamamatsu shi Shizuoka 4328611 Japan (72)Name of Inventor : OISHI Koji GOTO Yoichi TAUCHI Hideki |
|---|--|--|
| Filing Date | :NA | |

(57) Abstract :

Provided is a shock absorbing member that makes it possible to efficiently transmit externally applied force and sufficiently absorb shock energy. Provided is a shock absorbing member that makes it possible to obtain, b vacuum molding or pressure molding, a resin thickness distribution suitable for shock absorption. This shock absorbing member is arranged between a body member of an auto mobile and internal/external claddings on the surface side of the body member, wherein the shock absorbing member is provided with a base part fixed to the body member side, a plurality of hollow conic protuberances protruding from the base part and having a top face, linear ribs protruding from the outer peripheral surfaces of the protuberances and extending from the top faces to the base part, and at least one small projection protruding from each of the top faces.

No. of Pages : 26 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :C07K16/18 :13305507.9 :18/04/2013 :EPO :PCT/IB2014/060813 :17/04/2014 :WO 2014/170867 :NA :NA :NA | (71)Name of Applicant : 1)INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE Address of Applicant :101 rue de Tolbiac F 75013 Paris France (72)Name of Inventor : 1)SOULILLOU Jean Paul 2)GIRAL Magali 3)COUVRAT DESVERGNES Grgoire |
|---|---|---|
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(54) Title of the invention : COMPOSITION WITH REDUCED IMMUNOGENICITY

(57) Abstract :

The present invention relates to a composition comprising polyclonal antibodies directed against human cells, wherein the said polyclonal antibodies are devoid of a first antigenic determinant selected in a group comprising (i) N-glycolneuraminic acid (Neu5Gc) and (ii) a-l,3-galactose and its use as a medicament

No. of Pages : 37 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification | :F04D29/44 | (71)Name of Applicant : |
|--|--------------------|---|
| (31) Priority Document No | :1352829 | 1)TURBOMECA |
| (32) Priority Date | :28/03/2013 | Address of Applicant :F 64510 Bordes France |
| (33) Name of priority country | :France | (72)Name of Inventor : |
| (86) International Application No | :PCT/FR2014/050693 | 1)TARNOWSKI Laurent |
| Filing Date | :25/03/2014 | 2)BULOT Nicolas |
| (87) International Publication No | :WO 2014/154997 | |
| (61) Patent of Addition to Application | :NA | |
| Number Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | Letter and the second se |

(54) Title of the invention : RADIAL OR MIXED -FLOW COMPRESSOR DIFFUSER HAVING VANES

(57) Abstract :

The invention relates to a vane (10) of a diffuser (5) for a radial or mixed-flow compressor (2) of an engine (1), including a leading edge (11) arranged facing a flow of gas, a trailing edge (12) being opposite the leading edge (11), a side upper surface wall (13) and a side lower surface wall (14) which connect the leading edge (11) to the trailing edge (12), and a profile including a curved line (15) having at least two points of inflection (II, 12) between the leading edge (11) and the trailing edge (12). The invention also relates to a corresponding radial diffuser (2).

No. of Pages : 15 No. of Claims : 8

(21) Application No.9908/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

| (51) International allossification | ·D64D11/06 D60N2/01 | (71) Nome of Applicant . |
|--|---------------------|--|
| (51) International classification | | (71)Name of Applicant : |
| (31) Priority Document No | :13161805.0 | 1)ETIHAD AIRWAYS |
| (32) Priority Date | :28/03/2013 | Address of Applicant : P.O. Box 35566 New Airport Road Abu |
| (33) Name of priority country | :EPO | Dhabi U.A.E. |
| (86) International Application No | :PCT/IB2014/060264 | (72)Name of Inventor : |
| Filing Date | :28/03/2014 | 1)DRYBURGH Ian |
| (87) International Publication No | :WO 2014/155353 | 2)NICHOLAS Richard |
| (61) Patent of Addition to Application | :NA | |
| Number | | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(54) Title of the invention : SEATING ARRAY FOR AN AIRCRAFT CABIN

(57) Abstract :

A seating array for an aircraft cabin comprises a plurality of passenger modules, wherein each module (2): is defined by first and second end walls extending substantially transversely to a longitudinal centre line of the aircraft cabin, the end walls connected by at least one sidewall which defines an entrance to the module; includes a seat assembly and an ottoman (8), the ottoman (8) being spaced in a longitudinal direction of the array from the seat assembly (7); has at least one door assembly moveable from a stowed position in which the entrance is unobstructed by the door assembly to a deployed position in which the entrance is at least partially obstructed by the door assembly; and is wider adjacent the seat assembly than adjacent the ottoman (8). The plurality of passenger modules is divided into at least two columns of modules, each column including at least two modules, the at least two columns being separated by an aisle (3). At least one pair of substantially transversely adjacent modules comprising one module on opposite first and second sides of the aisle (3), the seat assembly of a first module on a first side of the aisle (3) overlaps in a longitudinal direction with the ottoman (8) of the first of module on the first side of the aisle (3).

No. of Pages : 32 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :24/01/2013

(43) Publication Date : 18/03/2016

| (54) Title of the invention : TRUCK-TYPE CONVEYANCE SYSTEM | | |
|--|------------|--|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number | | (71)Name of Applicant : (71)Name of Applicant : 1)TOYOTA JIDOSHA KABUSHIKI KAISHA Address of Applicant :1 Toyota cho Toyota shi Aichi ken 471 8571 Japan (72)Name of Inventor : 1)YAMAGUCHI Satoshi 2)TOYAMA Shinji 3)OKAMOTO Yasuhiro 4)ALININE RICHARD Ngoshi |
| Filing Date (62) Divisional to Application Number | :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

A truck-type conveyance system 1 includes a propelled portion 5 which is propelled with frictional force a truck 6 which is coupled with the propelled portion 5, guides 2 that are a plurality of guide members defining a propulsive direction of the propelled portion 5 and forming a propulsion path S and a drive unit 3 which provides frictional force in the propulsive direction to the propelled portion 5. The propelled portion 5 is formed with a driven member 5a which is an elastic member elastically deforming along a curvature of the propulsion path S.

No. of Pages : 30 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : WATER SOLUBLE POLYSACCHARIDES OF IMPROVED PALATABILITY

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number | :PCT/US2014/033272 :08/04/2014 :WO 2014/168914 :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)DEO Puspendu 2)BROWN Kathryn 3)SHESKEY Paul J. 4)THEUERKAUF Jorg 5)ADDEN Roland |
|---|---|---|
| Filing Date | :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

The palatability of a non-starch water-soluble polysaccharide (A) can be improved by at least partially coating the non-starch watersoluble polysaccharide (A) with a methylcellulose (B) having anhydroglucose units joined by 1-4 linkages wherein hydroxy groups of anhydroglucose units are substituted with methyl groups such that s23/s26 is 0.36 or less, wherein s23 is the molar fraction of anhydroglucose units wherein only the two hydroxy groups in the 2- and 3-positions of the anhydroglucose unit are substituted with methyl groups and wherein s26 is the molar fraction of anhydroglucose units wherein only the two hydroxy groups in the 2- and 6positions of the anhydroglucose unit are substituted with methyl groups, with the proviso that the non-starch water-soluble polysaccharide (A) is different from said methylcellulose (B).

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

(19) INDIA

(22) Date of filing of Application :21/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : A device to access biological status of plant, and for delivering, to accessed plant, chemicals as required for the accessed plant

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date | :C12Q :NA :NA :NA :NA :NA | (71)Name of Applicant : 1)GUHA, Sujoy Kumar Address of Applicant :3, Mangla Apartments, G-Block, Kalkaji, New Delhi-110019, INDIA Delhi India (72)Name of Inventor : 1)CUHA Sujoy Kumor |
|--|--|--|
| (87) International Publication No | : NA | 1)GUHA, Sujoy Kumar |
| (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 device a) to assess biological status of plants in an agricultural field or a nursery environment; and b) to deliver required optimal dosage of a chemical to those accessed plants as per need of those accessed plants in the agricultural field or the nursery environment, wherein the device comprises: i) one or more prongs (1) provided on a base support (2), ii) one or more sensing means (4) provided on or within the prongs (1), and iii) one or more chemical delivery units (5) in communication with the prongs (1); and iv) one or more data processing units (10) in communication with the chemical delivery units (5); wherein the chemical is selected from the group comprising compounds required for improving health of the accessed plant and/or for treatment of the accessed plant to cure it from one or more diseases, and wherein the compound is selected from the group comprising nutrients, water and pesticides. Figure 1

No. of Pages : 17 No. of Claims : 27

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : DRIVE CONTROL DEVICE

| (51) International classification | :F02D29/00,F02D45/00 | (71)Name of Applicant : |
|--|----------------------|---|
| (31) Priority Document No | :2014019404 | 1)SUZUKI MOTOR CORPORATION |
| (32) Priority Date | :04/02/2014 | Address of Applicant :300 Takatsuka cho Minami ku |
| (33) Name of priority country | :Japan | Hamamatsu shi Shizuoka 4328611 Japan |
| (86) International Application No | :PCT/JP2015/052731 | (72)Name of Inventor : |
| Filing Date | :30/01/2015 | 1)SAITO Masatoshi |
| (87) International Publication No | :WO 2015/119061 | 2)MAEDA Sadaharu |
| (61) Patent of Addition to Application | :NA | |
| Number | :NA | |
| Filing Date | .1 1 1 | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

To address the problem of achieving a drive control device that can secure stable fuel efficiency performance and driving characteristics and suppress an increase in engine rotational frequency resulting from excessive torque- up of an engine during creep control, this drive control device that executes creep control on the basis of a torque request amount for creep torque has a control unit, which executes creep control on the basis of a predetermined torque request amount when an operation request for creep control has been detected, and a detection unit, which detects the rotational frequency of the engine of the vehicle, and the control unit executes creep control on the basis of a correction amount correcting the predetermined torque request amount when the engine rotational frequency is greater than the target engine rotational frequency.

No. of Pages : 15 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date | :C03C17/36 :1353972 :30/04/2013 :France :PCT/FR2014/051013 :28/04/2014 | (71)Name of Applicant : 1)SAINT GOBAIN GLASS FRANCE Address of Applicant :18 Avenue dAlsace F 92400 Courbevoie France (72)Name of Inventor : 1)GEORGES Beno®t |
|--|---|---|
| (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :WO 2014/177798 :NA :NA :NA :NA | 2)LAURENT Stphane 3)LORENZZI Jean Carlos |

(54) Title of the invention : SUBSTRATE PROVIDED WITH A STACK HAVING THERMAL PROPERTIES

(57) Abstract :

The invention relates to a transparent substrate comprising a stack of thin layers successively comprising, starting from the substrate, an alternation of three metallic functional layers, in particular of functional layers based on silver or on silver-comprising mtal alloy, and of four antireflective coatings, each antireflective coating comprising atleast one dielectric layer, so hat each metallic functional layers is positioned between two antireflective coatings, characterized in that: - the thicknesses of the metallic functional layers, starting from the substrate, increase as a fonction of the distance from the substrate, - the second metallic functional layer is directly in contact with a blocking layer, referred to as second blocking layer, chosen from a blocking underlayer and a blocking overlayer, respectively refer red to as second blocking underlayer and second blocking overlayer, - the second blocking underlayer and/or the second blocking overlayer exhibits a thickness of greater than 1 nm.

No. of Pages : 40 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

| () | | |
|--|--------------------|--|
| | | |
| (51) International classification | :H01H13/52 | (71)Name of Applicant : |
| (31) Priority Document No | :2013094409 | 1)CITIZEN ELECTRONICS CO. LTD. |
| (32) Priority Date | :26/04/2013 | Address of Applicant :23 1 Kamikurechi 1 chome Fujiyoshida |
| (33) Name of priority country | :Japan | shi Yamanashi 4030001 Japan |
| (86) International Application No | :PCT/JP2014/061774 | 2)CITIZEN HOLDINGS CO. LTD. |
| Filing Date | :25/04/2014 | (72)Name of Inventor : |
| (87) International Publication No | :WO 2014/175446 | 1)WATANABE Shinsuke |
| (61) Patent of Addition to Application | :NA | 2)OKUMA Satoshi |
| Number | | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | 1 |

(54) Title of the invention : PUSH SWITCH AND SWITCH MODULE

(57) Abstract :

Provided are a switch module and a push switch that convey a soft sensation when pressed. A push switch and a switch module having: a substrate; a first fixed contact point disposed on the substrate surface; a second fixed contact point disposed around the first fixed contact point on the substrate surface; a convex dome- shaped upper spring disposed on the substrate surface so that an end part is in contact with the second fixed contact point and the second fixed contact point; and a lower spring disposed below the upper spring during inversion of the dome shape.

No. of Pages : 35 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :B42D15/00 :13166225.6 :02/05/2013 :EPO :PCT/EP2014/058327 :24/04/2014 :WO 2014/177448 :NA :NA :NA :NA | (71)Name of Applicant : 1)SICPA HOLDING SA Address of Applicant :Avenue de Florissant 41 CH 1008 Prilly Switzerland (72)Name of Inventor : 1)RITTER Gebhard 2)LI Xiang 3)SCHMID Mathieu 4)DEGOTT Pierre |
|---|--|---|
|---|--|---|

(54) Title of the invention : PROCESSES FOR PRODUCING SECURITY THREADS OR STRIPES

(57) Abstract :

The present invention relates to the field of the protection of value documents and value commercial goods against counterfeit and illegal reproduction. In particular, the present invention relates to processes for producing security threads or stripes to be incorporated into or onto security documents and security documents comprising said security threads or stripes. The disclosed security threads or stripes comprise a first plurality of magnetic or magnetizable pigment particles having an orientation following a convex curvature when viewed from the side where the first hardened coating and the second hardened coating are at least partially jointly visible and a second hardened coating comprising the second plurality of magnetic or magnetizable pigment particles having an orientation following a concave curvature when viewed from the side of the security thread or stripe where the first hardened coating and the second hardened coating are at least partially jointly visible so as to form a plural rolling bar effect.

No. of Pages : 43 No. of Claims : 17

(21) Application No.9899/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : JUNCTION STRUCTURE AND RAILWAY BRIDGE WITH SUCH A JUNCTION STRUCTURE :E01B2/00,E01D19/06 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)MAURER S-HNE ENGINEERING GMBH & CO. KG :10 2013 205 573.0 (32) Priority Date :28/03/2013 Address of Applicant :Frankfurter Ring 193 80807 M¹/₄nchen (33) Name of priority country :Germany Germany (86) International Application No :PCT/EP2014/056252 (72)Name of Inventor : **1)BRAUN Christian** Filing Date :28/03/2014 (87) International Publication No :WO 2014/154850 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention relates to a junction structure (1) for supporting at least one rail (2) in the region of a joint (3) of a railway bridge (4) and a railway bridge (4) which is constructed with such a junction structure (1). The latter has at least two displaceably mounted cross beams (5, 6, 7), at least one joint sleeper (8) which is attached to the cross beams (5, 6, 7) and has the purpose of supporting the at least one rail (2) in the region of the joint (3), and at least one control device (14) for orienting the Position of the joint sleeper (8) in the junction structure (1), wherein the at least one joint sleeper (8) has a rail attachment (13) with which the joint sleeper (8) can be displaceably attached to the rail (2). According to the invention, the cross beams (5, 6, 7) and the control device (14) are arranged underneath the at least one joint sleeper (8).

No. of Pages : 45 No. of Claims : 25

(21) Application No.1618/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : EPITOPES RELATED TO COELIAC DISEASE

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on | :A61K 38/00 :2004201774 :28/04/2004 :Australia :PCT/GB2005/001621 :28/04/2005 :WO 2005/105129 :NA :NA :NA :7114/DELNP/2006 | (71)Name of Applicant : 1)BTG INTERNATIONAL LIMITED Address of Applicant :10 FLEET PLACE, LIMEBURNER LANE, LONDON EC4M 7SB, UNITED KINGDOM, U.K. (72)Name of Inventor : 1)ANDERSON, ROBERT 2)BEISSBATH, TIM 3)DIN, JASON TYE |
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|--|--|---|

(57) Abstract :

The invention herein disclosed is related to epitopes useful in methods of diagnosing, treating, and preventing coeliac disease. Therapeutic compositions which comprise at least one epitope are provided.

No. of Pages : 910 No. of Claims : 30

(21) Application No.1913/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :02/03/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : DEVICES FOR HARVESTING A SKIN GRAFT

| classification(31) Priority Document No(32) Priority Date(33) Name of prioritycountry(86) InternationalApplication NoFiling Date(87) InternationalPublication No(61) Patent of Addition toApplication NumberFiling Date(62) Divisional toAnplication Number(62) Divisional toAnplication Number | 12/851656 | (71)Name of Applicant : 1)MOMELAN TECHNOLOGIES INC. Address of Applicant :90 Sherman Street Cambridge MA (2140 U.S.A. (72)Name of Inventor : 1)SABIR Sameer Ahmed 2)ZIEGLER Andrew |
|---|-----------|---|
|---|-----------|---|

(57) Abstract :

The present invention generally relates to devices for harvesting a skin graft(s). The present invention provides a blister raising device integrated with a member for cutting the blister.

No. of Pages : 17 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :02/03/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHODS FOR PREPARING A SKIN GRAFT WITHOUT CULTURING OR USE OF BIOLOGICS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :A61B17/32 :12/851703 :06/08/2010 :U.S.A. :PCT/US2011/046741 :05/08/2011 :WO 2012/019098 :NA :NA :NA :NA | (71)Name of Applicant : 1)MOMELAN TECHNOLOGIES INC. Address of Applicant :90 Sherman Street Cambridge MA (2140 U.S.A. (72)Name of Inventor : 1)SABIR Sameer Ahmed 2)TOLKOFF M. Josh 3)ZIEGLER Andrew |
|---|--|--|
|---|--|--|

(57) Abstract :

The present invention generally relates to methods for preparing a skin graft without culturing or use of biologies

No. of Pages : 32 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :24/02/2013

(54) Title of the invention : PROCESS AND PRODUCT FOR TREATMENT OF CANCER (51) International classification :A61K (71)Name of Applicant : 1)Raj Kumar GANDHI (31) Priority Document No :NA (32) Priority Date Address of Applicant :C8FS, Ganga Vatika, Muni Ki Reti :NA (33) Name of priority country Rishikesh UIttarakhand Uttarakhand India :NA (86) International Application No (72)Name of Inventor : :NA Filing Date :NA 1)Raj Kumar GANDHI (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 :

Disclosed is an antigenic bioconversion therapy to the treatment of cancer wherein the cancerous cells will be made to change their antigenic makeup from self • to foreign • with the help of an antigenic bioconversion agent. The antigenic bioconversion therapy may include a testing phase and a treatment phase. Once the antigenic bioconversion happens successfully the normal immune mechanisms will come into play with full force and the body will reject the cancerous tumor like an allograft. This may result into a cure.



No. of Pages : 2 No. of Claims : 5

(21) Application No.9910/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :21/10/2015

(43) Publication Date : 18/03/2016

:E21C35/23,E21C35/22 (71)Name of Applicant : (51) International classification (31) Priority Document No :201310117708.0 1)LIU Suhua (32) Priority Date Address of Applicant : Yanzhou Haizhi Mechanical and :21/03/2013 (33) Name of priority country Electrical Technology Co. LTD Xinyanzhen Industrial Park :China Yanzhou Shandong 272100 China (86) International Application No :PCT/CN2014/000308 (72)Name of Inventor : Filing Date :21/03/2014 (87) International Publication No :WO 2014/146496 1)LIU Suhua (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : IMPACT MINING MACHINE RECIPROCATING TELESCOPIC WATER SUPPLY APPARATUS

(57) Abstract :

Equipment for excavation, especially an impact mining machine reciprocating telescopic water supply apparatus suitable for a reciprocating impact mining machine; the apparatus comprises a power box (6) and a reciprocating component, and further comprises a water line (5), a pipeline (4), a telescopic water supply mechanism (7), and a nozzle (1). The telescopic water supply mechanism (7) is disposed inside or outside the power box (6); the nozzle (1) is disposed on the impact head (2) and connected to the water line (5); the telescopic water supply mechanism (7) comprises a connecting rod (11) and an adapter sleeve (8), the connecting rod (11) being disposed within the adapter sleeve (8). When the adapter sleeve (8) is secured to the power box (6), the connecting rod (11) mating with the adapter sleeve (8) and reciprocating relative thereto is connected to the reciprocating romponent, or when the connecting rod (11) is secured to the power box (6), the adapter sleeve (8) mating with the connecting rod (11) and reciprocating relative thereto is connected to the adapter sleeve (8) or the connecting rod (11) is connected to the reciprocating component; the water outlet of the pipeline (4) is connected to the adapter sleeve (8) or the connecting rod (11); the water line (5) is connected to the water outlet of the adapter sleeve (8) or the water outlet of the connecting rod (11); the connecting rod (11) or adapter sleeve (8) is driven by the reciprocating component to reciprocate, thus realizing telescopic water supply. The apparatus is easy to maintain and replace, and is safe and reliable.

No. of Pages : 22 No. of Claims : 16

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

| (34) The of the invention. Alterioking | JASSENIDET | |
|---|--------------------|---|
| | | |
| (51) International classification | :E02D5/80 | (71)Name of Applicant : |
| (31) Priority Document No | :13 53615 | 1)MUSTHANE |
| (32) Priority Date | :19/04/2013 | Address of Applicant :53 rue de la Republique F 59780 |
| (33) Name of priority country | :France | Willems France |
| (86) International Application No | :PCT/FR2014/050770 | (72)Name of Inventor : |
| Filing Date | :01/04/2014 | 1)ROSIER Reza |
| (87) International Publication No | :WO 2014/170574 | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(54) Title of the invention : ANCHORING ASSEMBLY

(57) Abstract :

The invention concerns an anchoring assembly for securing an lment (20) to the ground, the lment comprising a hole (22). The invention is characterised by the fact that the anchoring assembly comprises: - an anchor pi⁻ce (40); - a flexible line (60) having a first end secured to the anchor pi⁻ce, the flexible line being intended to pass through the hole; - a blocking device (80) comprising an opening, the flexible line extending through the opening, and a blocking means (86) for blocking the sliding of the flexible line in the opening, the blocking device being capable of taking up a first position in which the flexible line can slide in the opening in such a way as to adjust the distance between the blocking device and the anchor pi⁻ce, and a second position in which the flexible line is blocked in the blocking device in such a way as to prevent the blocking device from moving relative to the anchor pi⁻ce.

No. of Pages : 43 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : CYLINDER LOCK AND KEY COMBINATION WITH A DUAL TUMBLER ASSEMBLY AND A KEY THEREFORE

(57) Abstract :

A cylinder lock and key combination is disclosed, comprising a key (10, 10, 10) with an elongate key blade (11), and a lock having a rotatable key plug (20) with a key slot (15) and at least one dual tumbler assembly (50) for locking the key plug against rotation. The dual tumbler assembly includes an outer pin (5 1) which is movable elevationally in a chamber in the key plug, and an inner pin (52) which is movable telescopically in a cylindrical bore (5 1a) in said outer pin. The outer pin is provided with at least one key contacting end portion (5 1b) for engagement with a first code portion (12b) of said key blade upon insertion thereof in the key slot of the lock, and the inner pin (52) is also provided with at least one key contacting end portion (52b), for engagement with a second code portion (12a) of the key blade. The key contacting end portions (5 lb, 52b) of the outer and inner pins (5 1, 52) of the tumbler assembly (50) are located adjacent to each other at axially and radially welldeiined code positions relative to a centre line (C) of the tumbler assembly, and the code position of the key contacting end portion (5 lb) situated at a circumferentially coded position at a radial distance from the centre-line (C) of the tumbler assembly (50).

No. of Pages : 30 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : DETERGENT GRANULES WITH WATER- SWELLABLE COMPONENT

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :C11D3/22 :PCT/CN2013/074829 :26/04/2013 :China :PCT/CN2014/072215 :19/02/2014 :WO 2014/173198 :NA :NA :NA | (71)Name of Applicant : 1)THE PROCTER & GAMBLE COMPANY Address of Applicant :One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A. (72)Name of Inventor : 1)TAN Hong Sing 2)MA Jianze |
|---|---|---|
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

Provided are detergent granules comprising a water -swellable component, neutralizing agent and anionic surfactant, as well as a process for making same. Also provided are granular detergent compositions comprising the detergent granules and methods of using thereof.

No. of Pages : 26 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : FLUID SPILL CONTAINMENT, LOCATION, AND REAL TIME NOTIFICATION DEVICE WITH ACOUSTIC BASED SENSOR

(57) Abstract :

Described herein is an autonomous fluid spill containment device for a pipeline having a carrier conduit for transporting a fluid and a containment conduit located around the carrier conduit to define an interstitial space for receiving fluid spilled from the carrier conduit. The device includes a spilled fluid barrier for stopping spilled fluid flow which is located in the interstitial space and extends between the carrier conduit and the containment conduit. An acoustic sensor is located in the interstitial space for detecting spilled fluid flowing in the containment conduit or in the carrier conduit for detecting fluid flow reduction.

No. of Pages : 41 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD FOR PROVIDING A PARSER TO EXTRACT INFORMATION FROM FIELDS OF A DATA PACKET HEADER

| (51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country | :H04L29/06 :13/863733 :16/04/2013 :U.S.A. | (71)Name of Applicant : 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant :SE 164 83 Stockholm Sweden (72)Name of Inventor : |
|--|--|---|
| (86) International Application No | :PCT/IB2014/060745 | -) |
| Filing Date | :15/04/2014 | 2)LEFEBVRE Geoffrey |
| (87) International Publication No(61) Patent of Addition to Application | :WO 2014/170831 | |
| Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A method for providing a parser by a network node, which includes a table defining a plurality of rules and a plurality of match fields required for extraction from an incoming data packet header in order to apply each of the respective rules is described. The method comprises determining at least one occurrence in the table of a first match field that requires extraction; and determining at least one occurrence of the first match field. Furthermore, the step of determining at least one occurrence of the first match field comprises initializing a counter associated with the first match field and incrementing the counter for each of the plurality of rules that requires extraction of the first match field. And the step of determining a parser comprises determining the parser for use in accordance with the counter. A network node for carrying this method is also described.

No. of Pages : 23 No. of Claims : 34

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD FOR PREPARING A LIQUID OAT BASE AND PRODUCTS PREPARED BY THE METHOD

| (51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country | n:A23L1/10,A23L1/105,A23L1/308 :13003140 :30/04/2013 :Sweden | (71)Name of Applicant : 1)GLUCANOVA AB Address of Applicant :Scheelevgen 22 Box 719 S 220 07 Lund Sweden |
|--|---|---|
| (86) International Application No Filing Date (87) International Publication No | :PCT/EP2014/054083 :03/03/2014 :WO 2014/177304 | (72)Name of Inventor : 1)RASCON Ana |
| (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :NA :NA :NA :NA | |

(57) Abstract :

In a method of preparing a liquid oat base a material comprising oat bran is suspended in an aqueous media and contacted with ctamylase, - amylase, - glucanase, and xylanase to raise the concentration of soluble arabinoxylan by a factor of 5 or more. Also disclosed is a liquid oat base obtainable by the method; a powderous oat base obtained by drying the liquid oat base; uses of the liquid and powderous oat bases and food products comprising them. A powderous composition for use in preparing liquid oat base comprises oat bran, ct- amylase, - amylase, - glucanase, and xylanase.

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

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : COMMUNICATION CONTROL DEVICE , COMMUNICATION CONTROL METHOD , WIRELESS COMMUNICATION SYSTEM, AND TERMINAL DEVICE

| (51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country | 1 :H04W72/04,H04J1/00,H04J11/00 :2013090285 :23/04/2013 :Japan | (71)Name of Applicant : 1)SONY CORPORATION Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 Japan |
|--|---|--|
| (86) International Application No Filing Date (87) International Publication | :PCT/JP2014/053348 :13/02/2014 | (72)Name of Inventor : 1)MIZUSAWA Nishiki |
| No (61) Patent of Addition to Application Number Filing Date | :WO 2014/174877 :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

[Problem] To utilize a band -filling band extension efficiently. [Solution] Provided is a communication control device provided with a communication control unit that controls wireless communication performed by one or more terminal devices via a component carrier that has a base bandwidth. In an unused frequency band either above or below said component carrier but not both, the communication control unit sets a band extension to be added to the component carrier.

No. of Pages : 80 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD FOR IMPROVED UTILIZATION OF THE PRODUCTION POTENTIAL OF TRANSGENIC PLANTS INVOLVING THE APPLICATION OF A PHTHALDIAMIDE DERIVATIVE

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date | :A01N37/30,A01N37/34,A01P7/04 :13164466.8 :19/04/2013 :EPO :PCT/EP2014/057667 :15/04/2014 | (71)Name of Applicant : 1)BAYER CROPSCIENCE AKTIENGESELLSCHAFT Address of Applicant :Alfred Nobel Str. 50 40789 Monheim am Rhein Germany (72)Name of Inventor : 1)VAN DEN EYNDE Koen 2)THIELERT Wolfgang |
|---|--|--|
| (87) International Publication No | :WO 2014/170345 | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

The invention relates to a method for improving the utilization of the production potential of transgenic plants by treating the plant with an effective amount of at least one compound of the formula (I) as described herein.

No. of Pages : 140 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : PHOTOVOLTAIC DEVICE WITH OXIDE LAYER

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (57) Abstract i | :61/3/3696 :13/08/2010 :U.S.A. :PCT/US2011/047214 :10/08/2011 :WO 2012/021593 :NA | (71)Name of Applicant : 1)FIRST SOLAR INC. Address of Applicant :28101 Cedar Park Boulevard Perrysburg OH 43551 U.S.A. (72)Name of Inventor : 1)BULLER Benyamin 2)GLOECKLER Markus 3)LEE Chungho 4)SHAO Rui 5)YANG Yu 6)ZHAO Zhibo |
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|--|---|--|

(57) Abstract :

A method of manufacturing a photovoltaic device includes concurrently transforming a transparent conductive oxide layer from a substantially amorphous state to a substantially crystalline state and forming one or more semiconductor layers.

No. of Pages : 24 No. of Claims : 45

(19) INDIA

(22) Date of filing of Application :10/06/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : AN EXIT ASSEMBLY WITH A FLUID DIRECTOR FOR INDUCING AND IMPEDING ROTATIONAL FLOW OF A FLUID

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :12/974212 :21/12/2010 :U.S.A. :PCT/US2011/062284 :29/11/2011 :WO 2012/087496 :NA :NA | (71)Name of Applicant : 1)HALLIBURTON ENERGY SERVICES INC. Address of Applicant :10200 Bellaire Boulevard Houston TX 77072 U.S.A. (72)Name of Inventor : 1)DYKSTRA Jason D. 2)FRIPP Michael L. |
|--|--|---|
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

According to an embodiment an exit assembly comprises: a first fluid inlet; a first fluid outlet; and at least one fluid director wherein the fluid enters the exit assembly in one direction in another direction or combinations thereof and wherein the at least one fluid director induces flow of the fluid rotationally about the assembly when the fluid enters in the one direction and impedes flow of the fluid rotationally about the assembly when the fluid enters in the another direction. In another embodiment the exit assembly includes two or more fluid inlets. According to another embodiment a flow rate restrictor comprises: a fluid switch; and the exit assembly. According to another embodiment the flow rate restrictor is for use in a subterranean formation.

No. of Pages : 37 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :16/10/2015

(21) Application No.9779/DELNP/2015 A

(43) Publication Date : 18/03/2016

(54) Title of the invention : MULTI ELECTRODE DISCHARGING SCREEN

| (51) International classification | :H01T4/02,H02G13/00 | (71)Name of Applicant : |
|--|---------------------|--|
| (31) Priority Document No | :201400514 | 1)OTKRYTOE AKTSIONERNOE OBSCHESTVO NPO |
| (32) Priority Date | :30/04/2014 | STREAMER |
| (33) Name of priority country | :EAPO | Address of Applicant :Nevsky pr. 147 pom.17N St.Petersburg |
| (86) International Application No | :PCT/RU2015/000157 | 191024 Russia |
| Filing Date | :19/03/2015 | (72)Name of Inventor : |
| (87) International Publication No | :WO 2015/167360 | 1)PODPORKIN Georgy Viktorovich |
| (61) Patent of Addition to Application | :NA | |
| Number | :NA :NA | |
| Filing Date | INA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Proposed is a discharging screen for the lightning protection of components of an electrical system or transmission line and the equalization of an electric field. The discharging screen comprises an insulating body designed for mechanical attachment to a component of an electrical system or transmission line. The insulating body has a shape which enables it to bend at least partially around the aforesaid component of an electrical system or transmission line. The insulating body has a shape which enables it to bend at least partially around the aforesaid component of an electrical system or transmission line. Mechanically connected to the insulating body are two main electrodes and two or more intermediate electrodes , which are situated between the main electrodes such that a discharge can be generated between the main electrodes and the intermediate electrodes adjacent thereto and between adjacent intermediate electrodes.

No. of Pages : 21 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : REVERSE OSMOSIS FOR PURIFYING MIXTURES OF HYDROFLUORIC ACID AND NITRIC ACID

| (51) International classification | n:B01D61/02,C01B21/46,C01B7/19 | (71)Name of Applicant : |
|-----------------------------------|--------------------------------|---|
| (31) Priority Document No | :13165255.4 | 1)SOLVAY SA |
| (32) Priority Date | :25/04/2013 | Address of Applicant : Rue de Ransbeek 310 B 1120 Bruxelles |
| (33) Name of priority country | :EPO | Belgium |
| (86) International Application | :PCT/EP2014/057839 | (72)Name of Inventor : |
| No | :16/04/2014 | 1)COLLARD Jean Marie |
| Filing Date | .10/04/2014 | |
| (87) International Publication | :WO 2014/173788 | |
| No | | |
| (61) Patent of Addition to | :NA | |
| Application Number | :NA | |
| Filing Date | | |
| (62) Divisional to Application | :NA | |
| Number | :NA | |
| Filing Date | | |

(57) Abstract :

Disclosed is a method of purifying a solution containing hydrofluoric acid, nitric acid and at least one silicon impurity by treating the solution with at least one reverse osmosis membrane. According to the method of the present invention, silicon impurities contained in the solution containing hydrofluoric acid and nitric acid can be selectively removed or reduced. This method can be advantageously used in the photovoltaic industry or in the battery component industry.

No. of Pages : 12 No. of Claims : 15

(21) Application No.9781/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : BICYCLIC HETEROCYCLES AS FGFR INHIBITORS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :61/813/82 :19/04/2013 :U.S.A. :PCT/US2014/034662 :18/04/2014 :WO 2014/172644 :NA | (71)Name of Applicant : 1)INCYTE CORPORATION Address of Applicant :Experimental Station Route 141 & Henry Clay Road Building E336/207 Wilmington Delaware 19880 U.S.A. (72)Name of Inventor : 1)SUN Yaping 2)LU Liang 3)YAO Wenqing 4)ZHUO Jincong 5)WU Liangxing 6)XU Meizhong 7)QIAN Ding Quan 8)ZHANG Fenglei 9)HE Chunhong |
|---|---|--|
|---|---|--|

(57) Abstract :

The present invention relates to bicyclic heterocycles, and pharmaceutical compositions of the same, that are inhibitors of one or more FGFR enzymes and are useful in the treatment of FGFR- associated diseases such as cancer.

No. of Pages : 136 No. of Claims : 93

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Eiling Date | :13.57762 :05/08/2013 :France :PCT/FR2014/052028 :04/08/2014 :WO 2015/019013 :NA :NA :NA | (71)Name of Applicant : 1)CECA S.A. Address of Applicant :89 Boulevard National F 92250 La Garenne Colombes France (72)Name of Inventor : 1)NICOLAS Serge 2)LOPEZ Karine 3)LUTZ Ccile 4)BOUVIER Ludivine |
|---|--|--|
| Filing Date | :NA | |

(54) Title of the invention : ZEOLITES WITH HIERARCHICAL POROSITY

(57) Abstract :

The prsent invention concerns zeolites with hierarchical porosity having a molar ratio Si/AI of between 1 and 1.4, inclusive, of which the average diameter, as a number, is between 0.1 m h and 20 mp, having controUed and optimised crystallinity, and having mesoporosity such that the mesoporous outer surface area is between 40 m2 g-1 and 400 m2.g-1. The prsent invention also concerns the method for preparing said zeolites with hierarchical porosity.

No. of Pages : 31 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :B32B27/00,B05D7/04,B05D7/24 :2013063721 :26/03/2013 :Japan :PCT/JP2014/058200 :25/03/2014 :WO 2014/157149 :NA :NA :NA | (71)Name of Applicant : SHIN ETSU CHEMICAL CO. LTD. Address of Applicant :6 1 Ohtemachi 2 chome Chiyoda ku Tokyo 1000004 Japan TEIJIN LIMITED (72)Name of Inventor : UZAWA Yukiko KISHIMOTO Hiroshi HIGUCHI Koichi MASUDA Kohei |
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|--|---|--|

(54) Title of the invention : POLYCARBONATE RESIN LAMINATE

(57) Abstract :

Provided is a polycarbonate resin laminate that is obtained by forming a silicone hard coat layer on a multilayer base , which is obtained by forming and laminating a thermoplastic resin layer, having ultraviolet absorbing capability on one surface or both surfaces of a polycarbonate resin layer by applying a silicone hard coat composition thereto and curing the composition. The silicone hard coat composition contains a core shell type tetragonal titanium oxide solid solution dispersion that is obtained by dispersing a core shell type tetragonal titanium oxide solid solution comprises cores that are formed of tetragonal titanium oxide fine particles , in which atoms of one or more elements selected from among Co , Sn and Mn are solid- solved , and shells that are formed of silicon oxide or aluminum oxide and are arranged outside the cores. The core fine particles have a D of 50 nm or less as determined by a dynamic light scattering method using laser light; the core -shell type solid solution has a D of 100 nm or less; and the molar ratio of the total moles (M) of solid -solved Co , Sn and Mn relative to titanium, namely the molar ratio Ti/M is 5 1 000.

No. of Pages : 74 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : ELECTRONIC ARTICLE SURVEILLANCE METHOD BY FILTERING CUSTOMER HANDLING PATTERNS OF PRODUCTS FOR SALE BASED ON MOTION DETECTION OF WIRELESS SENSOR NETWORK TAGS ATTACHED TO SAID PRODUCTS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No | :PCT/US2014/031241 | (71)Name of Applicant : 1)TYCO FIRE & SECURTY GMBH Address of Applicant :Victor Von Bruns Strasse 21 CH 8212 Neuhausen Am Rheinfall Switzerland (72)Name of Inventor : 1)RASBAND Paul Brent |
|--|--------------------|--|
| Filing Date | :19/03/2014 | |
| (87) International Publication No | :WO 2014/153418 | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

A wireless sensor node, WSN, tag and method for filtering sensor data obtained by the WSN. At least one event filter is applied to sensor data. The sensor data is based at least in part on motion of the WSN tag. The at least one event filter includes at least one filter parameter, and the at least one filter parameter includes a minimum amount of movement of the WSN tag within a predetermined time threshold.

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

(21) Application No.9791/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification | :E06B5/11,F03D11/00 | (71)Name of Applicant : |
|--|---------------------|---|
| (31) Priority Document No | :10 2013 207 908.7 | 1)WOBBEN PROPERTIES GMBH |
| (32) Priority Date | :30/04/2013 | Address of Applicant :Dreekamp 5 26605 Aurich Germany |
| (33) Name of priority country | :Germany | (72)Name of Inventor : |
| (86) International Application No | :PCT/EP2014/057303 | 1)POLLMANN Frank |
| Filing Date | :10/04/2014 | 2)KERSTEN Roy |
| (87) International Publication No | :WO 2014/177357 | 3)MEDOCH Stefan |
| (61) Patent of Addition to Application | :NA | |
| Number | :NA :NA | |
| Filing Date | .1NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | 1 |

(54) Title of the invention : WIND TURBINE AND WIND TURBINE TOWER

(57) Abstract :

The invention relates to a wind turbine having a tower (102) comprising an access door (300). The access door (300) has a door lock and, on its outside, a deflector plate (3 10), said plate extending across substantially the M l area of the door and having a recessed portion (3 12). A door knob (307) is provided near the recessed portion (312). An outside of the deflector plate (3 10) protrudes at least partly beyond the door lock towards the outside.

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

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : EXHAUST GAS PURIFICATION SYSTEM (51) International (71)Name of Applicant : :F01N3/023,F01N3/025,F01N3/029 1)YANMAR CO. LTD. classification (31) Priority Document No :2013072520 Address of Applicant :1 32 Chayamachi Kita ku Osaka shi (32) Priority Date :29/03/2013 Osaka 5308311 Japan (33) Name of priority country :Japan (72)Name of Inventor: (86) International Application 1)SHIOMI Hideo :PCT/JP2014/058433 No 2)FUKUDA Tomohiro :26/03/2014 Filing Date 3)OHTA Atsushi (87) International Publication :WO 2014/157288 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

The present invention addresses the problem of enabling the combustion and removal of particulate matter in an exhaust gas purification device (202) without causing runaway combustion, even when there is an over accumulation of particulate matter during regeneration of the exhaust gas purification device. An exhaust gas purification system i s equipped with a common rail engine (201) and an exhaust gas purification device (202) arranged in the exhaust passage of the engine (201), and is configured so as to be capable of executing multiple regeneration controls for burning and removing particulate matter that has accumulated in the exhaust gas purification device (202). The multiple controls include at least a non-working regeneration control, wherein a post-injection (E) and a prescribed high rotational speed are combined to raise an exhaust gas temperature, and a recovery regeneration control, which can be executed when the non-working regeneration control iails. In the non-worjang regeneration control and the recovery regeneration control are such that a lower exhaust gas temperature than the non-working regeneration control and a longer duration than the non-working regeneration control are applied.

No. of Pages : 77 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : DISUBSTITUTED TETRAHYDOFURANYL COMPOUNDS AS ANTAGONISTS OF THE **BRADYKININ B1 RECEPTOR**

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition t Application Number Filing Date (62) Divisional to Application Number Filing Date | :C07D401/12,C07D401/14,C07D403/12 :10173489.5 :20/08/2010 :EPO :PCT/EP2011/064260 :19/08/2011 :WO 2012/022795 ^O :NA :NA :NA :NA | (71)Name of Applicant : 1)BOEHRINGER INGELHEIM INTERNATIONAL GMBH Address of Applicant :Binger Strae 173 55216 Ingelheim Am Rhein Germany (72)Name of Inventor : 1)HAUEL Norbert 2)CECI Angelo 3)DOODS Henri 4)JUNG Birgit 5)KUELZER Raimund |
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(57) Abstract :

The invention relates to disubstituted tetrahydroiuranyl Compounds of general formula (I), wherein the variables R1, R2 and X are defined as below, to the enantiomers, diastereomers, mixtures and salts thereof, especially the physiologically ac - ceptable salts thereof with organic or inorganic acids or bases, which have valuable properties, to methods for producing the same, to the drugs containing the pharmacologically active Compounds and to the production and use thereof.

No. of Pages : 67 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : SURGICAL INSTRUMENTS WITH RECONFIGURABLE SHAFT SEGMENTS

| (31) Priority Document No :12/894311Address(32) Priority Date:30/09/2010U.S.A.(33) Name of priority country:U.S.A.(72) Name of 1) SCHAL(86) International:PCT/US2011/0530872) MORGA | CON ENDO SURGERY INC. s of Applicant :4545 Creek Road Cincinnati OH 45242 of Inventor : LL Christopher J. GAN Jerome R. FON Frederick E. IV |
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(57) Abstract :

A surgical instrument having a handle assembly and an elongated shaft assembly protruding therefrom. Various embodiments of the elongated shaft assemblies include reconfigurable shaft segments that have portions that may be selectively arranged in coaxial alignment with each other and in other configurations wherein at least some portions thereof are not in coaxial alignment with each other. Various locking arrangements are disclosed for releasably locking the reconfigurable shaft segments in desired orientations. A movable closure tube is supported on the elongated shaft segment and is oriented to provide actuation motions to an end effector coupled to the distal end of the elongated shaft.

No. of Pages : 319 No. of Claims : 20

(21) Application No.1562/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/02/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD FOR INACTIVATING PROTEASES BY PH CHANGE IN A LIQUID OBTAINED FROM A CELL CULTURE

| (51) International classification (31) Priority Document No | :C12P21/00,C07K1/14 :10173540.5 | (71)Name of Applicant : 1)BOEHRINGER INGELHEIM INTERNATIONAL |
|--|------------------------------------|---|
| (32) Priority Date | :20/08/2010 | GMBH |
| (33) Name of priority country | :EPO | Address of Applicant :Binger Strasse 173 55216 Ingelheim am |
| (86) International Application No | :PCT/EP2011/063915 | Rhein Germany |
| Filing Date | :12/08/2011 | (72)Name of Inventor : |
| (87) International Publication No | :WO 2012/022688 | 1)JACOBI Alexander |
| (61) Patent of Addition to Application | :NA | 2)AMBROSIUS Dorothee |
| Number | :NA :NA | 3)DOBBERTHIEN Philine |
| Filing Date | INA | 4)ECKERMANN Christian |
| (62) Divisional to Application Number | :NA | 5)NOTHELFER Franz |
| Filing Date | :NA | |

(57) Abstract :

The invention relates to a method for inactivating proteases by multiple change of pH in the cell culture supernatant at the beginning of the operation of purifying biopharmaceuticals. First of all a pH of 3 5 and subsequently a pH of 7 9 is set.

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

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 18/03/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR MULTI CHAMBER PHOTOVOLTAIC MODULE PROCESSING

| (31) Priority Document No:61(32) Priority Date:21(33) Name of priority country:U(86) International Application No:PCFiling Date:25 | 51/444918 1/02/2011 J.S.A. PCT/US2012/022529 5/01/2012 VO 2012/115741 VA VA | (71)Name of Applicant : 1)JI FU MACHINERY & EQUIPMENT INC. Address of Applicant :2355 Paragon Drive #F San Jose CA 95131 U.S.A. (72)Name of Inventor : 1)WONG Jerry Y. 2)CAN Linh Xuong 3)CHU Shichung 4)WANG Grant N. |
|--|--|---|
|--|--|---|

(57) Abstract :

A system includes input and output sets processing chambers. The processing chambers of each of the input set and the output set are fluidly coupled and linearly aligned with each other along corresponding input and output directions. The processing chambers process and move a device between the processing chambers along corresponding input and output directions. The processing chambers of the input set separately process the device when the device is located in each of the processing chambers of the output set separately process the device when the device is located in each of the processing chambers of the output set separately process the device when the device is located in each of the processing chambers of the output set.

No. of Pages : 54 No. of Claims : 28

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : PHOTO -CURABLE RESIN COMPOSITIONS AND METHOD OF USING THE SAME IN THREE -DIMENSIONAL PRINTING FOR MANUFACTURING ARTIFICIAL TEETH AND DENTURE BASE

| (51) International classification | :C08F220/18,C08F2/50,C08F265/06 | (71)Name of Applicant : 1)DENTCA INC. |
|---|-----------------------------------|---|
| (31) Priority Document No | :13/865907 | Address of Applicant :3608 Griffith Avenue Los Angeles CA |
| (32) Priority Date | :18/04/2013 | 90011 U.S.A. |
| (33) Name of priority country | y:U.S.A. | (72)Name of Inventor : |
| (86) International Application No Filing Date | :PCT/US2014/036975 :06/05/2014 | 1)LEE Jae Sik |
| (87) International Publication | ¹ :WO 2014/172716 | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

A composition includes a light-curable viscous mixture that includes: 0-50% by weight of a poly(methyl methacrylate)/methyl methacrylate solution; 5-20% by weight of at least one kind of multifunctional aliphatic (meth)acrylate; 5-40% by weight of at least one kind of aliphatic urethane (meth)acrylate oligomer; 25-65% by weight of at least one kind of difunctional bisphenol-A dimethacrylate; 0.1 to 5% by weight of at least one kind of a photoinitiator; 0.05 to 2% by weight of at least one kind of light stabilizer; and 0.1 to 3 % by weight of color pigment based on the total weight of the composition.

No. of Pages : 21 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : INSECTICIDAL SYNERGISTIC COMBINATIONS OF PHTHALDIAMIDE DERIVATIVES AND FIPRONIL OR ETHIPROLE

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :A01N37/30,A01N37/34,A01N43/56 :13164449.4 :19/04/2013 :EPO :PCT/EP2014/057492 :14/04/2014 :WO 2014/170253 :NA :NA :NA :NA | (71)Name of Applicant : 1)BAYER CROPSCIENCE AKTIENGESELLSCHAFT Address of Applicant :Alfred Nobel Str. 50 40789 Monheim am Rhein Germany (72)Name of Inventor : 1)VAN DEN EYNDE Koen 2)THIELERT Wolfgang |
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(57) Abstract :

THE PRESENT INVENTION RELATES TO NOVEL ACTIVE COMPOUND COMBINATIONS COMPRISING AT LEAST ONE KNOWN COMPOUND OF THE FORMULA (I) IN WHICH X RI TO R4, A, N, Y, AND M AREAS DEFINED IN THE DESCRIPTION, AND AT LEAST ONE FURTHER KNOWN ACTIVE COMPOUND FROM THE CLASS OF THE FIPROLES, WHICH COMBINATIONS ARE HIGHLY SUITABLE FOR CONTROLLING ANIMAL PESTS SUCH AS INSECTS AND UNWANTED ACARIDS.

No. of Pages : 24 No. of Claims : 12

(22) Date of filing of Application :19/10/2015

(54) Title of the invention : CONTROLLING POWER PROVIDED TO AN AUTOMATED BANKING SYSTEM

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :G07F19/00 :61/813801 :19/04/2013 :U.S.A. :PCT/US2014/034760 :21/04/2014 :WO 2014/172696 :NA :NA :NA :NA | (71)Name of Applicant : 1)DIEBOLD INCORPORATED Address of Applicant :5995 Mayfair Road North Canton Ohio 44720 U.S.A. (72)Name of Inventor : JENKINS Randall W. MA Songtao TOEPKE Eric RAMACHANDRAN Natarajan ERTLE Thomas D. CREWS Timothy MILLER Willis BILLETT Nicholas SHEPLEY Steven KRZIC Dave COGAN Victor A. |
|---|--|--|
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(57) Abstract :

In an example embodiment, an automated banking machine causes financial transfers related to financial accounts that correspond to data read from user cards. The automated banking machine also includes devices that control the supply of power to included devices to facilitate the completing a transaction when a decline or loss of power is encountered.

No. of Pages : 45 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : KITS AND METHODS FOR EVALUATING SELECTING AND CHARACTERIZING TISSUE CULTURE MODELS USING MICRO RNA PROFILES

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :A61K48/00 :61/803579 :20/03/2013 :U.S.A. :PCT/US2014/031362 :20/03/2014 :WO 2014/153471 :NA :NA :NA :NA | (71)Name of Applicant : ARUNACHALAM Padma Address of Applicant :c/o Parlam Biobiz Technology & Business Development 1808 Lee Avenue Arcadia California 91006 U.S.A. (72)Name of Inventor : ARUNACHALAM Padma |
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(57) Abstract :

A method for identifying a cluster or sub-cluster of microRNAs (miRNAs) that provides a signature profile for differentiating cells grown in one type of culture model from cells grown in another type of culture model. Also, kits and methods for evaluating, selecting, and/or characterizing tissue culture models using the miRNA profiles and a cluster or sub-cluster of miRNAs that provides the signature profile. Also, a method for identifying a putative mRNA target of a miRNA for evaluating and targeting with a drug candidate by using the cluster or sub-cluster of miRNAs and a method for selecting a culture model for use as a drug platform for screening a candidate molecule for activity against tumor cells in tumor stroma.

No. of Pages : 64 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

| :F03D11/00,F03D1/06 | (71)Name of Applicant : |
|---------------------|---|
| :102013206493.4 | 1)WOBBEN PROPERTIES GMBH |
| :11/04/2013 | Address of Applicant :Dreekamp 5 26605 Aurich Germany |
| :Germany | (72)Name of Inventor : |
| :PCT/EP2014/057120 | 1)PAWIS Torsten |
| :09/04/2014 | 2)MIDDELST,,DT Falk |
| :WO 2014/166979 | 3)SCHULZE Thomas |
| ·NA | 4)RUBNER Florian |
| | |
| .117 | |
| :NA | |
| :NA | |
| | :102013206493.4 :11/04/2013 :Germany :PCT/EP2014/057120 :09/04/2014 :WO 2014/166979 :NA :NA :NA |

(54) Title of the invention : ROTOR BLADE OF A WIND TURBINE

(57) Abstract :

The invention relates to a rotor blade (2) of a wind turbine (100), comprising a rotor blade nose (4), a rotor blade trailing edge (6), a rotor blade root region (28) for fastening the rotor blade (2) to a hub of the wind turbine (100), and a rotor blade tip (40), wherein the rotor blade (2) extends from the rotor blade root region (28) to the rotor blade tip (40) in a longitudinal direction and the rotor blade (2) internally comprises at least a first cavity (18) pointing toward the rotor blade nose (4) and a second cavity (20) pointing toward the rotor blade trailing edge (6), and the first cavity (18) is heated by a first heating means and the second cavity (20) is heated by a second heating means (30) in order to heat the rotor blade nose (4) or the rotor blade trailing edge (6). In addition, according to the invention the rotor blade has a trailing edge segment (54) arranged in the region of the rotor blade trailing edge (6) to the root region (28), wherein the trailing edge segment (54) has a multi-part design and comprises at least two Segments (56, 58).

No. of Pages : 23 No. of Claims : 15

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : PHOTOVOLTAIC DEVICE INCLUDING A BACK CONTACT AND METHOD OF MANUFACTURING

(57) Abstract :

A photovoltaic device includes a substrate, a transparent conductive oxide, an n-type window layer, a p-type absorber layer and an electron re flector layer. The electron reflector layer may include zinc telluride doped with copper telluride, zinc telluride alloyed with copper telluride, or a bilayer of multiple layers containing zinc, copper, cadmium and tellurium in various compositions. A process for manufacturing a photovoltaic device includes forming a layer over a substrate by at least one of sputtering, evaporation deposition, CVD, chemical bath deposition process, and vapor transport deposition process. The process includes forming an electron reflector layer over a p-type absorber layer.

No. of Pages : 30 No. of Claims : 20

(21) Application No.9829/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : ALKALINE- SWELLABLE EMULSION POLYMERS :C08F220/06,C08F220/10 (71)Name of Applicant : (51) International classification (31) Priority Document No **1)ROHM AND HAAS COMPANY** :13290078.8 (32) Priority Date :04/04/2013 Address of Applicant :100 Independence Mall West (33) Name of priority country Philadelphia PA 19106 U.S.A. :France (86) International Application No (72)Name of Inventor : :PCT/US2014/033006 Filing Date 1)ZENG Fanwen :04/04/2014 (87) International Publication No :WO 2014/165777 2)DOULUT Sylvie (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Emulsion polymer particles comprising from 25 to 45 wt% polymerized residues of at least one C3 -C 6carboxylic acid monomer and from 0.1 to 2 wt% polymerized residues of at least one crosslinker, wherein the particles have a Tg which occurs over a range of at least 60°C.

No. of Pages : 22 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :01/09/2014

(43) Publication Date : 18/03/2016

| (51) International classification | :F02B63/04, F02B67/05 | (71)Name of Applicant : |
|---|-----------------------|--|
| (31) Priority Document No | :NA | 1)Chemtrols Industries Limited |
| (32) Priority Date | :NA | Address of Applicant : Amar Hills, Saki Vihar Road, Powai, |
| (33) Name of priority country | :NA | Mumbai, Maharashtra, India Maharashtra India |
| (86) International Application No | :PCT// / | (72)Name of Inventor : |
| Filing Date | :01/01/1900 | 1)Mr. GADE, Vasant |
| (87) International Publication No | : NA | 2)Mr. KASHID, Vibhav |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(54) Title of the invention : Device For Dust Flow Monitoring In Gas Flow

(57) Abstract :

The invention discloses a device for measurement of concentration of suspended solid particles (dust) flow rate in gas. It incorporates electronic circuits connected directly to a physical triboelectric sensor probe for detecting solid particles. More specifically, this invention incorporates an improved signal conditioning circuit along with a precision voltage reference circuit, a set of multiplexers, an analog to digital (A to D) converter, a microcontroller unit (MCU) and a decoder (12) which compensates input offset, input offset drift and gain drifts continuously and online so that practically there is practically no drift or offset of the output signal. A display and keyboard interface is also provided to view dust concentration/ flow rate and to perform various functions like configure the device, modify configuration, calibrate the instrument etc. Among the many advantages of the invention are the facts that this invention provides easy and quick calibration means by initiating and feeding calibration values to the device using isokinetic sampling method and that the probe contamination detection circuit does not interfere with or compromise the performance of the process detection and measurement.

No. of Pages : 28 No. of Claims : 15

(22) Date of filing of Application :31/08/2014

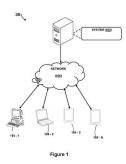
(43) Publication Date : 18/03/2016

(54) Title of the invention : A METHOD AND SYSTEM FOR STRUCTURED SIMULATION OF ENTERPRISE MODEL AND DATA

| (51) International classification:G06F(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA | 9/45 (71)Name of Applicant : Tata Consultancy Services Limited Address of Applicant :Nirmal Building, 9th floor, Nariman point, Mumbai 400021, Maharashtra, India Maharashtra India (72)Name of Inventor : ROYCHOUDHURY, Suman SUNKLE, Sagar RATHOD, Hemant Kumar KULKARNI, Vinay |
|--|---|
| (62) Divisional to Application Number :NA Filing Date :NA | 4)RODRINK, Vinay |

(57) Abstract :

The present disclosure discloses a method and system for structured simulation of enterprise model and data and more specifically a model-based translation approach for translating elements of Enterprise architecture (EA) and Intentional modeling (IM) to corresponding System Dynamic (SD) elements to enable simulation of enterprise data and enterprise model. The method and system may further be enabled to conduct ontology based translation. The method and system may further be enabled to perform mapping of EA elements to equivalent SD elements based on underlying EA relations. In another implementation, the method and system may further be enabled to obtain feedback from the enterprise simulation to choose optimal elements from the EA and the IM like best alternative path, depending on underlying problem context or goal of the enterprise.



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

(19) INDIA

(22) Date of filing of Application :26/08/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : PHARMACEUTICAL CO-CRYSTALS OF FEBUXOSTAT

| (51) International classification | ·161K31/426 | (71)Name of Applicant : |
|---|-------------|--|
| | | |
| (31) Priority Document No | :NA | 1)TORRENT PHARMACEUTICALS LTD. |
| (32) Priority Date | :NA | Address of Applicant : TORRENT HOUSE, OFF ASHRAM |
| (33) Name of priority country | :NA | ROAD, NEAR DINESH HALL, AHMEDABAD 380 009, |
| (86) International Application No | :NA | GUJARAT, INDIA Gujarat India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)DR. SUNIL SADANAND NADKARNI |
| (61) Patent of Addition to Application Number | :NA | 2)DR. ARUNKUMAR GUPTA |
| Filing Date | :NA | 3)MR. MAHESHKUMAR ISHVARBHAI SUTHAR |
| (62) Divisional to Application Number | :NA | 4)MRS. JAYA MOHIT ABRAHAM |
| Filing Date | :NA | 5)DR. SUJAY KAMALAKAR RAJHANS |

(57) Abstract :

The present invention relates to pharmaceutical co-crystals of Febuxostat, Pharmaceutical composition thereof, processes for their preparation and their use for the chronic management of hyperuricemia in patients with gout.

No. of Pages : 30 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :26/08/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : A NOVEL ROUND DOVETAIL SHAPED NUT/DOVETAIL ROUND HEADED BOLT FITTED IN DOVETAIL SLOT AND/OR ROUND TEE HEADED NUT/ROUND WITH TEE HEAD BOLT FITTED IN T SLOT TO BE USED FOR JOINING BOARDS TO ANY COMPONENT BY HELP OF ADEQUATE NUT/BOLT FOR MAKING DESIRED FURNITURE AND/OR OTHER APPLICATIONS USING BOARDS.

| (51) International classification | · 4/7B13/02 | (71)Name of Applicant : |
|---|-------------|---|
| (31) Priority Document No | :NA | 1)SHRIKANT LAXMAN KULKARNI |
| (32) Priority Date | :NA | Address of Applicant :408, SADANAND APARTMENT, N. |
| (33) Name of priority country | :NA | M. KALE MARG, DADAR-WEST, MUMBAI 400 028, |
| (86) International Application No | :NA | MAHARASHTRA, INDIA. Maharashtra India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)SHRIKANT LAXMAN KULKARNI |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A novel round dovetail shaped nut/dovetail round headed bolt fitted in dovetail slot and/or round Tee headed nut/round with Tee head bolt fitted in T slot to be used for joining boards to any component by help of adequate nut/bolt for making desired furniture and/or other applications using Boards.

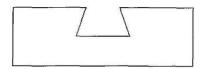


Figure-1

No. of Pages : 17 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :28/08/2014

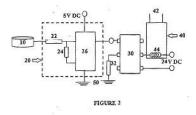
(43) Publication Date : 18/03/2016

| (34) The of the invention : TOUCH-BASED SAFET I STSTEM FOR MACHINE-TOOL | | | |
|---|--|--|--|
| | | | |
| :B26D5/00 | (71)Name of Applicant : | | |
| :NA | 1)MAHINDRA & MAHINDRA LIMITED | | |
| :NA | Address of Applicant :GATEWAY BUILDING, APOLLO | | |
| :NA | BUNDER, MUMBAI - 400001, MAHARASHTRA, INDIA. | | |
| :NA | Maharashtra India | | |
| :NA | (72)Name of Inventor : | | |
| : NA | 1)A.M. JOSHI | | |
| :NA | 2)S. K. TENDULKAR | | |
| :NA | 3)M. M. GURAV | | |
| :NA | 4)N. S. PATEL | | |
| :NA | 5)P. YEWALE | | |
| | :B26D5/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA | | |

(54) Title of the invention : TOUCH-BASED SAFETY SYSTEM FOR MACHINE-TOOL

(57) Abstract :

A touch-based safety system for machine-tools comprising a human touch sensing circuit 20 adapted for sensing the presence of a body part of an operator or personnel present in the vicinity of the portion/s of the machine- / tool predefined as dangerous according to the desired safety requirements of the machine-tool and an electrical control safety station 30. The sensing circuit 20 includes a resistance 22, a capacitor 24 and an integrated circuit 26 and the electrical control safety station 30 grounded via series resistance 32 to earth, relay circuit 40 including auxiliary contact 42 and relay coil 44. The sensing circuit 20 and the electrical control safety station 30 cooperating to offer electrical control and to display the machine-tool status and to actuate the means for emergency retraction or reversal of dangerous machine-tool portion for the safety of the machine-tool operator or the personnel present / in the area adjoining of the machine-tool.



No. of Pages : 18 No. of Claims : 8

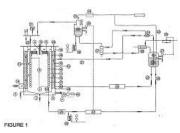
(22) Date of filing of Application :28/08/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : LIQUID / GASEOUS FUEL FIRED SMALL INDUSTRIAL BOILER AND IBR EXEMPTED BOILER AND SYSTEMS THEREOF

(57) Abstract :

Accordingly the improved liquid / gaseous fuel fired instant steaming coil type once through boiler and system thereof comprises an outer body formed by a pair of coaxial cylindrical jacket bodies (18, 19) to form jacketed body with tubesheets (48) connected at upper and lower end of the jacket such that the annular space of which has number of alternately arranged vertical smoke tubes (12) and vertical combustion air preheater tubes running parallel to each other and mounted distant radially connecting the said tubes sheets; a furnace (1) with fuel nozzle pipe (4), Air cone (5) and refractory manifold (6) holding the said nozzle pipe and air cone; an evaporator coil (15), made of coiled integral finned tube or bare tube, formed in cylindrical shape mounted coaxially above the said furnace in such a way that the flue gas exhaust through the said smoke tube (13) having path to heat inner(16) and outer surface(17) of said evaporator coil/coils and inner jacket wall; a first outlet (25) from deareator tank (24) connected through pump (28) to inlet (20) of the jacketed body annular space having an outlet (21) connected to the said de-aerator tank; heat recovery heat exchanger (38) to recover heat of flash steam from the said deaerator and another heat recovery heat exchanger (37) to recover heat from blowdown water by heating make up water, a mixer (23) to mix heated make-up water in to the hot water through outlet (21) which flows in to deaerator (24); a second out let (26) from the said deareator tank (24) connected to the inlet of said evaporator coil through a feed pump (41); an outlet (22) of evaporator coil (15) connected to inlet of flash tank (32) through the water pressure transmitter(31) and an outlet (33) provided to the said flash tank to take out steam.



No. of Pages : 18 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :28/08/2014

(43) Publication Date : 18/03/2016

| (54) Title of the invention : CHECK CHAIN FOR | TRACTORS | |
|---|-------------|--|
| | | |
| (51) International classification | :A01B59/00 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)Mahindra & Mahindra Limited |
| (32) Priority Date | :NA | Address of Applicant : Mahindra & Mahindra Limited, |
| (33) Name of priority country | :NA | Gateway Building, Apollo Bunder, Mumbai 400 001 M.S. |
| (86) International Application No | :PCT// | (INDIA) Maharashtra India |
| Filing Date | :01/01/1900 | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)Santosh Singh |
| (61) Patent of Addition to Application Number | :NA | 2)Sudhir Deshmukh |
| Filing Date | :NA | 3)Maxson Gomes |
| (62) Divisional to Application Number | :NA | 4)Abhijit Palande |
| Filing Date | :NA | 5)Kedarnath Savant |

(57) Abstract :

Accordingly a check chain for tractor is provided. The check chain includes a first engaging member, a second engaging member, a plurality of metal wire rope and a turnbuckle with a plurality of eyebolts and a frame. The first end of each of the metal wire rope is provided in communication with their corresponding eyebolts of the turnbuckle and the second end of each of the metal wire rope is provided in communication with their corresponding first engaging member and second engaging member. Fig. 3

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

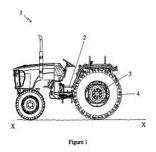
(22) Date of filing of Application :19/08/2014

(43) Publication Date : 18/03/2016

| (54) Title of the invention : AN AXLE HOUSING | G UNIT | |
|--|--------|---|
| (54) Title of the invention : AN AXLE HOUSING (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | | (71)Name of Applicant : 1)DEERE & COMPANY Address of Applicant :ONE JOHN DEERE PLACE, MOLINE, ILLINOIS, 61265-8098, USA U.S.A. (72)Name of Inventor : 1)SAHU PRAMOD 2)JADHAV MAHESH S 3)DHOKALE DHIRAJ |
| Filing Date | :NA | |

(57) Abstract :

The present invention discloses an axle housing unit 10 adapted to cooperate with the transmission housing of a vehicle. The axle housing unit 10 comprises an axle support 14 eccentrically positioned on a cover 12. The axle support 14 has an outer wall configured to support chassis and roll over protection structures (ROPs) of the vehicle. The outer wall is defined by a plurality of pairs of associated sides to form a polygonal shaped outer wall. At least one of the pairs of associated sides is substantially horizontal to the ground while at least one of the pairs of associated sides is substantially perpendicular to the ground. The axle housing unit 10 of the present invention is envisaged to enable commonization of the axle housing unit 10 to be provided on the left hand side and the right hand side of the transmission housing.



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

(19) INDIA

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 18/03/2016

| (54) Title of the invention : METHOD FOR MANUFACTURING BEARING STEEL | | |
|--|-------------|---|
| | | |
| (51) International classification | :C22C38/20 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)JFE STEEL CORPORATION |
| (32) Priority Date | :NA | Address of Applicant :2-3, Uchisaiwai-cho 2-chome, Chiyoda- |
| (33) Name of priority country | :NA | ku, Tokyo 100-0011 Japan. Japan |
| (86) International Application No | :PCT// | (72)Name of Inventor : |
| Filing Date | :01/01/1900 | 1)IWAMOTO, Takashi |
| (87) International Publication No | : NA | 2)HIRAI, Yasumasa |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Steel having a predetermined chemical composition is heated above 1,050 °C, and thereafter subjected to hot working including at least one working pass where a working temperature falls to 1,050 °C or below, before being cooled at a cooling rate of 0.1 °C/s or lower in a temperature range of 800 °C to 600 °C. After that, the steel is subjected to spheroidizing annealing in which the steel is heated to a temperature in a range of 780 °C to 980 °C and then subjected to soaking for at least 10 hours and cooled at a cooling rate of 1 °C/h or higher and 20 °C/h or lower in a predetermined temperature range , to thereby obtain carbide having an average particle size of 0.4 $\hat{1}$ /4m or larger and 0.7 $\hat{1}$ /4m or smaller and an average aspect ratio of 2.0 or less.

No. of Pages : 22 No. of Claims : 3

(22) Date of filing of Application :02/09/2014

(43) Publication Date : 18/03/2016

| (54) Title of the invention : CONTAINER AND L | ID ASSEMBLY | |
|---|-------------|--|
| | | |
| (51) International classification | :G06F15/21 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)Hitech Plast Ltd. |
| (32) Priority Date | :NA | Address of Applicant : Technology Center, 28/9, D-2 Block, |
| (33) Name of priority country | :NA | MIDC Chinchwad, Pune- 411019, Maharashtra State, India |
| (86) International Application No | :NA | Maharashtra India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)Sunil Shankar Patil |
| (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 container assembly (100). The container assembly (100) comprises a container (50), lid (80) and gasket (90). The container (50) includes a first set of plurality of ribs (10) and a second set of plurality of ribs (30). The lid (80) includes a third set of plurality of ribs (70). The first, second and third set of pluralities of ribs (10, 30 and 70) facilitate leakproofness during transport of stored materials during any one of a drop of the assembly (100) and a load application on the assembly (100) as well as easy nesting and de-nesting of the containers (50) by eliminating air from nested containers (50) to escape there through to the atmosphere. Figure 2

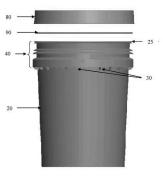


Figure 2

No. of Pages : 23 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :02/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : MEDIA FOR SELECTIVE ENUMERATION AND DIFFERENTIAL DETECTION OF LACTIC ACID BACTERIA

(57) Abstract :

The present invention provides a media for selective enumeration and differential detection of bacterial species such as lactic acid bacteria. The media of the present invention comprises a mixture of nutrients and an indicator mixture for selective enumeration and differentiation of lactic acid bacteria from pure as well as mixed culture samples at both genus and species level. The present invention also provides a method for preparation of the media. The media of the present invention is useful in differentiation of industrially important lactic acid bacteria such as probiotics during quality assurance testing in food and drug industries.

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

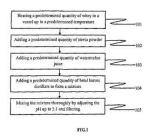
(22) Date of filing of Application :21/08/2014

(54) Title of the invention : SUGAR FREE WHEY BASED WATERMELON BEVERAGE COMPOSITION AND METHOD OF SYNTHESIS THEREOF

| (51) International classification | :A23L1/3056 | (71)Name of Applicant : |
|---|-------------|--|
| (31) Priority Document No | :NA | 1)DR. ARCHANA KHARE |
| (32) Priority Date | :NA | Address of Applicant :COLLEGE OF DAIRY |
| (33) Name of priority country | :NA | TECHNOLOGY, CAMP OFFICE, RAIPUR, KAMDHENU V.V. |
| (86) International Application No | :NA | ANJORA, DURG, CHHATTISGARH Chattisgarh India |
| Filing Date | :NA | 2)DR. ANIL KUMAR KHARE |
| (87) International Publication No | : NA | (72)Name of Inventor : |
| (61) Patent of Addition to Application Number | :NA | 1)DR. ARCHANA KHARE |
| Filing Date | :NA | 2)DR. ANIL KUMAR KHARE |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention relates to a composition of sugar free whey based watermelon beverage and method of synthesizing thereof. The composition comprises whey, watermelon juice, betel leaves distillate and stevia. The whey is present in a concentration of 63%-70% by weight, the watermelon juice is present in a concentration of 10%-30% by weight, the betel leaves distillate is present in a concentration of 1%-3% by weight while the stevia is present in a concentration of 0.035% to 0.050% by weight. The method of synthesizing comprises heating a predetermined quantity of whey in a vessel upto a temperature of 70-80°C. Further, adding a predetermined quantity of stevia powder, a predetermined quantity of watermelon juice and a predetermined quantity of betel leaves distillate to form a mixture. The mixture is mixed thoroughly by adjusting the pH and filtered.



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

(19) INDIA

(22) Date of filing of Application :02/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR GENERATION AND MATCHING OF BIOMETRIC TEMPLATES

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :H01S3/097, H01S3/0974 :NA :NA :NA :PCT// :01/01/1900 : NA :NA :NA | 1)LONDHE, Narendra, D. Address of Applicant :National Institute Of Technology (NIT) Raipur, G.E. Road, Raipur, Chattisgarh, 492010, India. Chattisgarh India 2)BHARDWAJ, Ishan 3)KOPPARAPU, Sunil, Kumar (72)Name of Inventor : 1)LONDHE, Narendra, D. 2)BHARDWAJ, Ishan |
|--|--|---|
| (62) Divisional to Application Number Filing Date | :NA :NA | 3)KOPPARAPU, Sunil, Kumar |

(57) Abstract :

The present disclosure relates to systems and methods generation of biometric templates and verification/authentication of users based on such generated templates. In an aspect, method of the present disclosure comprises receiving a biometric scan as input and associating a plurality of minutiae points on the biometric scan. The method can further include identification of a core point on the biometric scan and creation of one or more hypothetical concentric circles taking the core point as center. In another aspect, the present disclosure further includes assigning, to at least one concentric circle of the one or more concentric circles, at least one of the plurality of minutiae points and forming a block based on the at least one concentric circle and the at least one of the plurality of minutiae points that is assigned to the at least one concentric circle. Biometric template can finally be formed based on the block.

No. of Pages : 39 No. of Claims : 13

(22) Date of filing of Application :02/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : INTRAOCULAR LENS CUSTOMIZED FOR ASTIGMATISM OR COMBINED ASTIGMATISM AND PRESBYOPIA

| (51) International classification | :F02B63/04, F02B67/07 | (71)Name of Applicant : |
|---|-----------------------|--|
| (31) Priority Document No | :NA | 1)DAVE, Jagrat Natavar |
| (32) Priority Date | :NA | Address of Applicant : of Block No. 310, Village Sim of |
| (33) Name of priority country | :NA | Dabhasa, Taluka-Padra, Vadodara, Gujarat 319440, India Gujarat |
| (86) International Application No | :NA | India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)ARGAL, Sanjay Ram Swaroop |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | 2)HUSSAIN, Munavvar Tahir |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

An intraocular lens comprises a lens body customized for astigmatism in a particular eye. For the customization to work, the astigmatism in the lens has to be aligned with astigmatism in the eye. Thus the intraocular lens comprises four protrusions arranged outwardly around the lens body to form the four comers of a substantially rectangular profile. The profile locks the intraocular lens into a position of rotational stability when inserted into a capsular bag, thus preventing rotation of the intraocular lens, which would otherwise tend to occurs both immediately after insertion into the capsular bag and later on during growth, shrinkage or other change to the capsular bag. The Intraocular lens may additionally be customized for other eye conditions and a multi-focal embodiment is also disclosed.

No. of Pages : 68 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :03/09/2014

(43) Publication Date : 18/03/2016

| (54) Title of the invention : METHOD OF MANUF | ACTURING C | ONCENTRATED SILVER NANOPOWDER |
|---|------------|--|
| | | |
| (51) International classification | :E02F9/21 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)NANOXPERT TECHNOLOGIES |
| (32) Priority Date | :NA | Address of Applicant :6, KITAB MAHAL, 192, DR.D.N. |
| (33) Name of priority country | :NA | ROAD, MUMBAI 400001 Maharashtra India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)POFALI PRASAD ASHOK |
| (87) International Publication No | : NA | 2)DANDEKAR JAIN PRAJAKTA |
| (61) Patent of Addition to Application Number | :NA | 3)PATTANI ADITYA SUNIL |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The invention relates to a novel preparation and purification method for silver nano powders. The method uses sucrose esters of fatty acids type surface active agents to prepare micelles. The method for preparing silver nano powders in micellar solution comprises the steps of enabling silver salt solid powder type surface active agent micelle to react with reducing agents which are prior solubilised in the surface active agent micellar solution, reacting for several hours under stirring at room temperature, drying, washing and followed by again drying at 50-90 C temperature. The method can achieve monodispersed silver nanoparticulate water redispersible powder with the particle diameters between 1 nm to 50 nm characterized using TEM.

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

(19) INDIA

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : CANISTER ARRANGEMENT FOR A MOTORCYCLE :B62J37/00 (71)Name of Applicant : (51) International classification **1)BAJAJ AUTO LIMITED** (31) Priority Document No :NA (32) Priority Date Address of Applicant : Akurdi, Pune 411035, State of :NA (33) Name of priority country Maharashtra, India, Maharashtra India :NA (72)Name of Inventor : (86) International Application No :PCT// **1) UPADHYAY PRASHANT PREMNATH** Filing Date :01/01/1900 (87) International Publication No : NA 2)SOREGAONKAR BHIMASHANKAR SHIVAJI (61) Patent of Addition to Application Number :NA **3)SHARMA ROHIT LILA DHAR** Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A canister arrangement for a motorcycle is disclosed. The canister is mounted on the fuel tank using mounting means such as a bracket. The canister may be positioned within the seat frame or outside the seat frame. Further, the canister and fuel tank are positioned above the engine. In order to protect the canister and fuel tank from engine heat a heat shield is provided. Lower surface of the heat shield have inclined upward profile for directing hot air towards exhaust vents. In case of scooter type motorcycle, canister, fuel tank, heat shield, engine is placed within a single piece bonnet integrally formed in aerodynamic shape. The bonnet has openings at rear locations adaptable for accommodating side indicators /lamps. Same openings provide access to a mounting for the footrest. A grill is provided at rear end of the bonnet for hot air exit. Further, storage box of the scooter type vehicle is provided with arrangement of louvers for allowing hot air exit during static condition of the vehicle. Figure 1

No. of Pages : 61 No. of Claims : 49

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : ENHANCEMENT OF TRANSCORNEAL PERMEATION AND SUSTAINED RELEASE OF TIMOLOL MALEATE FROM DEVELOPED AND OPTIMIZED IN SITU GEL WITH BETTER SAFETY PROFILE

| | | (71)Name of Applicant : |
|---|------------|--|
| (51) International classification | :A61K36/48 | |
| (31) Priority Document No | :NA | Address of Applicant :SINHGAD INSTITUTE OF |
| (32) Priority Date | :NA | PHARMACY, NARHE, PUNE-411041, MAHARASHTRA, |
| (33) Name of priority country | :NA | INDIA Maharashtra India |
| (86) International Application No | :NA | 2)DR. AMOL AMBADAS TAGALPALLEWAR |
| Filing Date | :NA | 3)MR. UMESH DILIP LADDHA |
| (87) International Publication No | : NA | 4)MR. ROHAN KRISHNA BARSE |
| (61) Patent of Addition to Application Number | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)DR. CHANDRAKANT RAJARAM KOKARE |
| (62) Divisional to Application Number | :NA | 2)DR. AMOL AMBADAS TAGALPALLEWAR |
| Filing Date | :NA | 3)MR. UMESH DILIP LADDHA |
| | | 4)MR. ROHAN KRISHNA BARSE |

(57) Abstract :

No. of Pages : 14 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :03/09/2014

(62) Divisional to Application Number :NA

:NA

(43) Publication Date : 18/03/2016

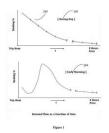
(54) Title of the invention : DYNAMIC FORECASTING FOR FORWARD RESERVATION OF CAB :H01S3/097, H01S3/0975 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)MERU CAB COMPANY PRIVATE LIMITED :NA (32) Priority Date Address of Applicant :128, IJMIMA, RAHEJA :NA (33) Name of priority country METROPLEX, BEHIND GOREGAON SPORTS COMPLEX. :NA (86) International Application No MALAD (WEST), MUMBAI - 400 064 Maharashtra India :NA Filing Date (72)Name of Inventor: :NA (87) International Publication No : NA **1)SANGOI, NILESH** (61) Patent of Addition to Application 2) REDDY, MANOHAR :NA Number :NA

(57) Abstract :

Filing Date

Filing Date

Disclosed is a method for forward reservation of a cab. The method comprises receiving a first data set from a portable device, wherein the first data comprises a pick up location, a drop location, a scheduled time and a scheduled date. Further, mapping the first data set with a second data set, wherein the second data set is based on a predicated data and a current data. The method further comprises transmitting a third data set to the portable device. The method comprises receiving a confirmation message for the forward reservation from the portable device. Further, initiating a bid process for the forward reservation at a pre-defined interval before the scheduled time. Further, the method comprises capturing a plurality of bids received and selecting a winning. Further, assigning the forward reservation for the cab to either the winning bid or to a cab borrowed from one or more of neighbouring zone and transmitting a first set of information to the portable device.



No. of Pages : 23 No. of Claims : 12

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : AN AXIAL FLOW, HIGH MIXING EFFICIENCY AND HEAT TRANSFER REACTION VESSEL SYSTEM

| (87) International Publication No (61) Patent of Addition to Application Number (62) Divisional to Application Number (62) Divisional to Application Number (63) Patent of Addition to Application Number (64) Patent of Addition to Application Number (65) Divisional to Application Number (66) Patent of Addition Number (72) Name of Inventor : <l< th=""><th>(61) Patent of Addition to Application Number Filing Date(62) Divisional to Application Number</th><th>:NA :NA :PCT// :01/01/1900 : NA :NA :NA :NA</th><th> (71)Name of Applicant : 1)Amin Ayush Bhaskarbhai Address of Applicant :Cl -153, G.I.D.C Phase IV Opp. Patalkuva Vitthal Udyog Nagar -388121 Anand Guiarat India Gujarat India (72)Name of Inventor : 1)Amin Ayush Bhaskarbhai </th></l<> | (61) Patent of Addition to Application Number Filing Date(62) Divisional to Application Number | :NA :NA :PCT// :01/01/1900 : NA :NA :NA :NA | (71)Name of Applicant : 1)Amin Ayush Bhaskarbhai Address of Applicant :Cl -153, G.I.D.C Phase IV Opp. Patalkuva Vitthal Udyog Nagar -388121 Anand Guiarat India Gujarat India (72)Name of Inventor : 1)Amin Ayush Bhaskarbhai |
|--|---|--|---|
|--|---|--|---|

(57) Abstract :

Abstract An Axial Flow, High Mixing Efficiency and Heat Transfer Reaction Vessel System The present invention discloses 5 an extended flow-guide arrangement for providing additional heat transfer for reactor vessel. The present flow-guide (3) is a hollow arrangement having an outer heating jacket (2) extended into the reaction vessel (1) of the agitator and surrounding the agitator span (4) to provide additional heat 10 transfer into the reaction media. Said arrangement eliminates radial flow of the mixture and generates to improve axial flow of the mixture to increase the mixing efficiency. The arrangement also eliminates vortex generation and does not require baffles to improve the mixing efficiency. The present invention also consumes less power due to less 15 load of the agitating system.

No. of Pages : 11 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :22/08/2014

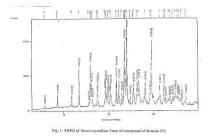
(43) Publication Date : 18/03/2016

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF DABIGATRAN ETEXILATE MESYLATE

| (51) International classification | :C07D401/12 | (71)Name of Applicant : |
|---|-------------|--|
| (31) Priority Document No | :NA | 1)UNICHEM LABORATORIES LIMITED |
| (32) Priority Date | :NA | Address of Applicant :UNICHEM BHAVAN, PRABHAT |
| (33) Name of priority country | :NA | ESTATE, OFF S. V. ROAD, JOGESHWARI (W), MUMBAI - |
| (86) International Application No | :NA | 400 102, MAHARASHTRA, INDIA. Maharashtra India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)DR. DHANANJAY D SATHE |
| (61) Patent of Addition to Application Number | :NA | 2)DR. ARIJIT DAS |
| Filing Date | :NA | 3)MR. SANJAY R. PAWAR |
| (62) Divisional to Application Number | :NA | 4)DR. DWAYAJA H. NADKARNI |
| Filing Date | :NA | 5)MR. BABASAHEB L. SHINDE |

(57) Abstract :

The present invention is related to an improved process for the preparation of Dabigatran etexilate mesylate of Formula-!. The process according to present invention is operationally simple and suitable for industrial application which will avoid hazardous chemicals and eliminate column chromatography to get ICH quality of pharmaceutically acceptable API. The invention also provides a novel crystalline polymorphic form of hydrochloride dihydrate salt of ethyi-3 {[(2-{[(4-carbamimidoylphenyl)-amino]methyl}-1-methyl-IH-benzimidazole-5-yl)carbonyl](pyridine-2-yl)amino}propanoalc compound of Formula (V) and process for preparation thereof.



No. of Pages : 38 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :22/08/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : DYNAMIC HAND-OFF IN A MOBILE COMMUNICATION NETWORK

| (51) International classification (31) Priority Document No | :H04W36/00 :NA | (71)Name of Applicant : 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. Maharashtra India |
| (86) International Application No | :PCT// | (72)Name of Inventor : |
| Filing Date | :01/01/1900 | 1)SESHADRI, Veera Raghavan |
| (87) International Publication No | : NA | 2)SUBBIAH, Balamurugan |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present subject matter discloses a method implemented on a Femtocell Access Point (FAP) for handing-off calls in a Mobile Communication Network (MCN). The method comprises receiving a new connection request generated by a User Equipment (UE). The method further comprises determining a priority of the ongoing calls. The further comprises determining signal strengths of neighboring nodes. The method further comprises handing-off an ongoing call of a plurality of ongoing calls running on the FAP to a neighboring node of the neighboring nodes based on a) the priority of the new connection request, and b) the signal strengths of the neighboring nodes. Further, a priority of the new connection request may also be determined for handing-off the ongoing call.

No. of Pages : 24 No. of Claims : 21

(22) Date of filing of Application :04/09/2014

(21) Application No.2814/MUM/2014 A

(43) Publication Date : 18/03/2016

(54) Title of the invention : Reinforced Concrete Slabs and Beam Structure for Buildings and Bridges for Reversal of Loading

| (51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country | :G06F15/22 :NA :NA :NA | (71)Name of Applicant : 1)Dharane, Sidaramappa shivashankar Address of Applicant :c/o Malage gururaj rudresh 195, east mangalwar peth, Solapur Near siddheshwar co. bank (head office) |
|--|---------------------------------|---|
| (86) International Application No | :PCT// | Solapur 413002 Maharashtra Maharashtra India |
| Filing Date | :01/01/1900 | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)Dharane, Sidaramappa shivashankar |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Invention provides a reinforced slab and beam structure for buildings and bridges. The reinforcement has been provided for both RCC and Ferro cement structures. The reinforcement is by means of regularly shaped structures carved out of steel rods and essentially are in the form of a rectangular trough, trapezoidal trough, V shaped trough and corrugated shapes. The reinforced structures so fabricated provide thinner slabs and beams without compromising on the strength and ductility in the construction.

No. of Pages : 9 No. of Claims : 7

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : FORMULATION AND EVALUATION OF POLOXAMER-407 AND HPMC K 15 M BASED THERMOSENSITIVE SOL-GEL TRANSITION SYSTEM OF DORZOLAMIDE HYDROCHLORIDE

| | | (71)Name of Applicant : |
|---|-------------|--|
| (51) International classification | :A61K31/416 | |
| (31) Priority Document No | :NA | Address of Applicant :SINHGAD INSTITUTE OF |
| (32) Priority Date | :NA | PHARMACY, NARHE, PUNE-411041, MAHARASHTRA, |
| (33) Name of priority country | :NA | INDIA Maharashtra India |
| (86) International Application No | :NA | 2)DR. AMOL AMBADAS TAGALPALLEWAR |
| Filing Date | :NA | 3)MR. ROHAN KRISHNA BARSE |
| (87) International Publication No | : NA | 4)MR. UMESH DILIP LADDHA |
| (61) Patent of Addition to Application Number | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)DR. CHANDRAKANT RAJARAM KOKARE |
| (62) Divisional to Application Number | :NA | 2)DR. AMOL AMBADAS TAGALPALLEWAR |
| Filing Date | :NA | 3)MR. ROHAN KRISHNA BARSE |
| | | 4)MR. UMESH DILIP LADDHA |

(57) Abstract :

In the present invention, we have disclosed thermosensitive sol-gel transition system of Dorzolamide hydrochloride for glaucoma treatment. The developed sol- gel transition system effectively formed gel at physiological temperature 37° C. with sustained appearance upto 8 hours after instillation in cul de sac. The developed formulation contains 0.5 % Dorzolamide Hydrochloride as effective to minimise intra ocular pressure although it is % th dose of marketed formulation. The thermosensitive property of developed formulation is due to poloxamer 407 polymer in the range of 16-20 % w/v where as sustained release property is due to viscosity enhancer polymer HPMC K 15 M in the range of 0.5 - 1% w/v. We evaluated 0.01 % v/v benzalkonium chloride as effective preservative in developed formulation. Optimized formulation successfully sustained release of drug upto 5 hours in ex vivo goat corneal permeability study. Comparative in vivo study in normotensive rabbits showed that optimized formulation sustained therapeutic effect upto 8 hours. Table 1 : The composition of developed thermosensitive sol - gel phase transition system Dorzolamide Poloxamer 407 HPMC K15M Benzalkoniumm chloride Sodium Chloride Puri. Water Hydrochloride (% w/v) (% w/v) (% w/v) (% w/v) (% w/v) q.s.(ml) Fl 0.5 16 0.5 0.01 0.5 10 F2 0.5 16 0.75 0.01 0.5 10 F3 0.5 16 1.0 0.01 0.5 10 F4 0.5 18 0.5 0.01 0.5 10 F5 0.5 18 0.75 0.01 0.5 10 F3 0.5 10 F8 0.5 20 0.75 0.01 0.5 10 F9 0.5 20 1.0 0.01 0.5 10

No. of Pages : 17 No. of Claims : 7

(22) Date of filing of Application :21/08/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : RAPID METHODS FOR DETERMINING BINDING BETWEEN SERUM ALBUMIN AND NEVIRAPINE, AND ANTI-RETROVIRAL DRUG.

| (51) International classification | :A61K39/12 | (71)Name of Applicant : |
|---|------------|--|
| (31) Priority Document No | :NA | 1)DR. M.M.V.RAMANA |
| (32) Priority Date | :NA | Address of Applicant : DEPARTMENT OF CHEMISTRY, |
| (33) Name of priority country | :NA | UNIVERSITY OF MUMBAI, VIDYANAGARI, SANTACRUZ |
| (86) International Application No | :NA | (EAST), MUMBAI-400 098, INDIA. Maharashtra India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)DR. M.M.V.RAMANA |
| (61) Patent of Addition to Application Number | :NA | 2)BETKAR RAHUL RAMESH |
| Filing Date | :NA | 3)NIMKAR AMEY PRAMOD |
| (62) Divisional to Application Number | :NA | 4)RANADE PRASANNA BHALCHANDRA |
| Filing Date | :NA | 5)MUNDHE BALAJI C |

(57) Abstract :

The present invention relates to methods for binding between bovine serum albumin (BSA) and nevirapine. The main objective of the present invention is to determine the binding between BSA and nevirapine using various techniques such as spectrofluorimerry, circular dichroism, cyclic voltammetry and NMR.

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

(19) INDIA

(22) Date of filing of Application :21/08/2014

(21) Application No.2682/MUM/2014 A

(43) Publication Date : 18/03/2016

| (54) Title of the invention : Quick Open Manhole E | Sush for Glass L | inea Equipment |
|--|------------------|--|
| | | |
| (51) International classification | :C23D9/00 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)Amin Ayush Bhaskarbhai |
| (32) Priority Date | :NA | Address of Applicant :Cl -153, G.I.D .C Phase IV Opp. |
| (33) Name of priority country | :NA | Patalkuva Vitthal Udyog Nagar 388121 Anand Gujarat India |
| (86) International Application No | :PCT// | Gujarat India |
| Filing Date | :01/01/1900 | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)Amin Ayush Bhaskarbhai |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | |

(54) Title of the invention : Quick Open Manhole Bush for Glass Lined Equipment

(57) Abstract :

Abstract Quick Open Manhole Bush For Glass Lined Equipments The invention relates to a quick open manhole bush comprises at least one retracted lip end (E) and a retaining open manhole flange end (D), designed as a retaining element, for fastening in the manhole nozzle of the glasslined equipment. In this arrangement, the bush (9) fills to form a manhole cover sealing comprises plurality of modified PU rubber gaskets (4) and a sealing material selected from solid PTFE sealer (A), PTFE covered Viton $O \cdot ring$ (B) and Viton $O \cdot ring$ (C) that is used alone or in combination as per the requirement. The outer surface of the bush (9) has a pair of convolution (not shown in figure) on a wall to provide tight and leak proof sealing.

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

(19) INDIA

(22) Date of filing of Application :03/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : A METHOD FOR ERROR-PRONE DNA POLYMERASE MEDIATED IN VIVO TARGETED RANDOM MUTAGENESIS FOR IMPROVED TRAITS OF INTEREST

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filed on (62) Divisional to Application Number Filing Date | :G06F15/23 :NA :NA :NA :PCT// :01/01/1900 : NA :649/MUM/2013 :01/01/1900 :NA :NA | (71)Name of Applicant : 1)RELIANCE INDUSTRIES LIMITED Address of Applicant :3rd Floor, Maker Chamber-IV 222, Nariman Point, Mumbai-400021, Maharashtra, India Maharashtra India (72)Name of Inventor : 1)MAITY,TUHIN SUBHRA 2)DASGUPTA, SANTANU 3)SAGARAM, UMA SHANKAR 4)KUMAR, CHITRANSHU 5)GAUTAM DAS 6)RAJA KUMAR |
|--|--|--|
|--|--|--|

(57) Abstract :

The present disclosure provides a method for in vivo targeted random mutagenesis in an organism using error prone DNA polymerase. The disclosure also provides a microorganism that includes a nucleic acid construct encoding an error prone DNA polymerase for in vivo targeted random mutagenesis. The present disclosure also describes a kit for in vivo targeted mutagenesis in an organism.

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

(19) INDIA

(22) Date of filing of Application :22/08/2014

(21) Application No.2688/MUM/2014 A

(43) Publication Date : 18/03/2016

(54) Title of the invention : A process for the preparation of Teneligliptin intermediate

| (51) International classification | :C07D417/06, | (71)Name of Applicant : |
|---|--------------|--|
| (31) Priority Document No | :NA | 1)WOCKHARDT LIMITED |
| (32) Priority Date | :NA | Address of Applicant :D-4, MIDC Area, Chikalthana, |
| (33) Name of priority country | :NA | Aurangabad Maharashtra India |
| (86) International Application No | :PCT// | (72)Name of Inventor : |
| Filing Date | :01/01/1900 | 1)Bhise, Umesh Nanasaheb |
| (87) International Publication No | : NA | 2)Sharma, Pramodkumar |
| (61) Patent of Addition to Application Number | :NA | 3)Raut, Vivek Thakaram |
| Filing Date | :NA | 4)Rao, Bhatraju Srinivasa |
| (62) Divisional to Application Number | :NA | 5)Deo,Keshav |
| Filing Date | :NA | |

(57) Abstract :

The present invention relates to an improved process for the preparation of substantially pure intermediate of Teneligliptin, Tert-butyl-4-acetoacetylpiperazine-1-carboxylate or salt, having purity more than 99%. A further aspect of the present invention relates to conversion of said intermediate to Teneligliptin. The new process is directed to improvement in the manufacture of Teneligliptin which would be industrially feasible and facilitate simple and cost effective manufacture of Teneligliptin and salts thereof having better purity and yield.

No. of Pages : 10 No. of Claims : 6

(22) Date of filing of Application :22/08/2014

(21) Application No.2689/MUM/2014 A

(43) Publication Date : 18/03/2016

(54) Title of the invention : A process for the preparation of Teneligliptin key intermediate substantially free of impurities

| (51) International classification:C07D4(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(36) International Application No:PCT//Filing Date:01/01/1(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NAKarphi Date:NAState:NAState:NAState:NAState:NAState:NAState:NAFiling Date:NAState:NA <th> 17/06, (71)Name of Applicant : 1)WOCKHARDT LIMITED Address of Applicant :D-4, MIDC Area, Chikalthana, Aurangabad Maharashtra India (72)Name of Inventor : 1)Bhise, Umesh Nanasaheb 2)Sharma, Pramodkumar 3)Raut, Vivek Thakaram 4)Rao, Bhatraju Srinivasa 5)Deo,Keshav </th> | 17/06, (71)Name of Applicant : 1)WOCKHARDT LIMITED Address of Applicant :D-4, MIDC Area, Chikalthana, Aurangabad Maharashtra India (72)Name of Inventor : 1)Bhise, Umesh Nanasaheb 2)Sharma, Pramodkumar 3)Raut, Vivek Thakaram 4)Rao, Bhatraju Srinivasa 5)Deo,Keshav |
|---|--|
|---|--|

(57) Abstract :

The present invention relates to an improved process for the preparation of substantially pure key intermediate of Teneligliptin, e.g. Boc-piperazine pyrazole having purity more than 99%. A further aspect of the present invention relates to conversion of Boc-piperazine pyrazole to Teneligliptin.

No. of Pages : 11 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :04/09/2014

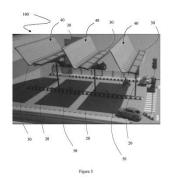
(43) Publication Date : 18/03/2016

(54) Title of the invention : AN APPARATUS THAT PROVIDES SHADE TO THE STREET COMMUTERS

| (51) International classification | :B64D45/00, G01S3/80, G08B15/04 | (71)Name of Applicant : 1)Amol Ashok Ashtikar |
|---|--|---|
| (31) Priority Document No | :NA | Address of Applicant :Karan Palms I-43, Warje, Pune-411058, |
| (32) Priority Date | :NA | Maharashtra, India. Maharashtra India |
| (33) Name of priority country | /:NA | (72)Name of Inventor : |
| (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | ¹ :NA :NA ¹ : NA :NA :NA | 1)Amol Ashok Ashtikar |

(57) Abstract :

The present invention is an apparatus for providing shade to the street commuters and for displaying outdoor advertisements. The apparatus includes a displaying means, a supporting means, a sensor and an operating means. The displaying means is provided for displaying advertisements and providing shadow to the street commuters. The supporting means is provided for providing support to the screen/display/billboard. The sensor is provided for sensing change in the traffic signal. The sensor senses the change in the color of the traffic signal and triggers the operating means in the displaying means, which changes the mode of the displaying means into blank screen (no-advertisement mode) while commuters are passing by the road (i.e. no distraction to the moving traffic) and display advertisements while commuters are waiting on the road due to signal providing shade to them.



No. of Pages : 20 No. of Claims : 10

(22) Date of filing of Application :04/09/2014

(21) Application No.2825/MUM/2014 A

(43) Publication Date : 18/03/2016

| (54) Title of the invention : A process of preparing | g essliver forte inj | ection |
|--|----------------------|---|
| | | |
| (51) International classification | :G06F15/23 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)Nabros Pharma Private Limited |
| (32) Priority Date | :NA | Address of Applicant :Nabros Tower Opposite Art Galary, |
| (33) Name of priority country | :NA | Behind British Library, Law Garden, Ellisbridge, Ellisbridge, |
| (86) International Application No | :PCT// | Ahmedabad, Gujarat 380006 Gujarat India |
| Filing Date | :01/01/1900 | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)SHAH NAVNIT MULCHAND |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A process of preparing essliver forte injection comprising following steps : - The 4.2% w/v amount of deoxycholic acid is dissolve in 70-80% of the final volume of water for injection at 35 C. Make the 1N solution of sodium hydroxide in water & cool the solution. Mix both solutions 0.9% w/v with continuous nitrogen flushing. - Solid phosphatidylcholine is added with continuous stirring and nitrogen flushing. - Benzyl alcohol is added under continuous stirring and nitrogen flushing. - Propylene glycol is added under continuous stirring and nitrogen flushing. - Propylene glycol is added under continuous stirring and nitrogen flushing. - Add previously dissolved quantity of vitamin E liquid, Butylated Hydroxy Tolune and Butylated Hydroxy Anisole in 1 Kg propylene glycol under continuous stirring and nitrogen flushing. - Adjust the volume approximately 15lts with WFI under nitrogen flushing for volume making. - The batch was allowed to stand overnight if a clear solution had not been obtained within few hours

No. of Pages : 11 No. of Claims : 4

(22) Date of filing of Application :23/08/2014

(43) Publication Date : 18/03/2016

| (54) Title of the invention : A VEHICLE VENTILATION SYSTEM | | | |
|--|---|---|--|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date | :B60H1/24 :NA :NA :NA :PCT// / :01/01/1900 | (71)Name of Applicant : 1)BAJAJ AUTO LIMITED Address of Applicant :Akurdi, Pune 411035, State of Maharashtra, India Maharashtra India (72)Name of Inventor : 1)PATHAK MAHESH DAMODAR | |
| (87) International Publication No(61) Patent of Addition to Application Number | : NA :NA | 2)PANDYA UDAI VINOD 3)SAWANT MOHAN RAJARAM | |
| Filing Date (62) Divisional to Application Number Filing Date | :NA :NA :NA | | |

(57) Abstract :

This invention relates to a vehicle ventilation system for windscreen demisting and for improving cabin ventilation comprising of air intake openings on the vehicle for introducing atmospheric air into the body structure of the vehicle, a pair of pillars disposed within body structure of the vehicle one on each side of the windscreen of the vehicle forming a passage for drawing the atmospheric air entering through the air intake openings towards the cabin of the vehicle, a ventilating means provided on at least one pillar and opening into the cabin and a control means disposed on the ventilating means for selectively opening and closing the ventilating means into the cabin and selectively varying the direction of the opening towards the windscreen or away from the windscreen within the cabin thereby controlling the air fed into the cabin and change the flow direction of air into the cabin.

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

(19) INDIA

(22) Date of filing of Application :25/08/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : TASTE-MASKED DRY POWDER FOR ORAL SUSPENSION OF CEFDITOREN

| (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) Priority Date (35) Name of priority country (35) Name of priority country (36) International Application No (37) International Publication Number (37) International Publication Number (38) International Publication Number (39) Publication Number (30) Patent of Addition to Application Number (31) Patent of Application Number (32) Publication Number (33) Name of Publication Number (34) Publication Number (35) Publication Number (36) Publication Number (37) Publication Number (38) Publication Number (39) Publication Number (30) Publication Number (31) Publication Number (32) Publication Number (33) Publication Number (34) Publication Number (35) Publication Number (36) Publication Number (37) Publication Number (38) Publication Number (39) Publication Number (30) Publication Number (31) Publication Number (32) Publication Number (33) Publication Number (34) Publication Number (35) Publication Number (36) Publication Number (37) Publication Number (38) Publication Number (39) Publication Number (30) Publication Number (31) Publication Publication Number (31) Publication Publication Number (32) Publication Publication Number (34) Publication Publication | (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :NA :NA :NA :NA :NA :NA :NA :NA | Address of Applicant :EMCURE HOUSE, T-184, M.I.D.C., BHOSARI, PUNE-411026, INDIA Maharashtra India (72)Name of Inventor : 1)GHARGE VIKRAM SHAMRAO 2)KACHARE VISHAL TATYASAHEB 3)GURJAR MUKUND KESHAV |
|--|---|--|---|
|--|---|--|---|

(57) Abstract :

The present invention relates to a stable dry powder formulation of Cefditoren Pivoxil, which is suitable for use as a pharmaceutical composition in the form of an oral suspension product to treat bacterial infections. Further, the present invention also provides a process for preparing such pharmaceutical compositions. The oral taste masked granules of Cefditoren pivoxil, wherein the taste masked granules are prepared by non-aqueous granulation. Typically, the granules comprises of Cefditoren pivoxil, sweetening agent and flavouring agents.

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

(19) INDIA

(22) Date of filing of Application :25/08/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : PHARMACEUTICAL FORMULATIONS OF FINGOLIMOD

| (51) International classification | :A61K9/14 | (71)Name of Applicant : |
|---|-----------|--|
| (31) Priority Document No | :NA | 1)EMCURE PHARMACEUTICALS LIMITED |
| (32) Priority Date | :NA | Address of Applicant :EMCURE HOUSE, T-184, M.I.D.C., |
| (33) Name of priority country | :NA | BHOSARI, PUNE-411026, INDIA Maharashtra India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)GONDALIYA DEEPAK PRAGJIBHAI |
| (87) International Publication No | : NA | 2)THOTTASSERI MANOJ KUMAR |
| (61) Patent of Addition to Application Number | :NA | 3)GIRAM GANESH BHAGWAT |
| Filing Date | :NA | 4)KASAT KAILAS LAXMINARAYAN |
| (62) Divisional to Application Number | :NA | 5)GURJAR MUKUND KESHAV |
| Filing Date | :NA | 6)MEHTA SAMIT SATISH |

(57) Abstract :

The present invention provides a stable solid pharmaceutical composition for oral administration of sphingosine-1 phosphate receptor agonist (typically fingolimod) comprising Fingolimod or pharmaceutically acceptable salts thereof and dibasic calcium phosphate. The invention also provides the process of preparation of the same.

No. of Pages : 11 No. of Claims : 10

(22) Date of filing of Application :05/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : SLIDING WEIGHT MECHANISM FOR EFFICIENT DYNAMIC BALLASTING MANAGEMENT FOR AGRICULTURAL TRACTORS.

| (51) International classification | :B63B 17/00 | (71)Name of Applicant :1)DEERE & COMPANY |
|---|----------------|---|
| (31) Priority Document No | :NA | Address of Applicant : ONE JOHN DEERE PLACE, |
| (32) Priority Date | :NA | MOLINE, ILLINOIS, 61265-8098, USA U.S.A. |
| (33) Name of priority country | :NA | (72)Name of Inventor : |
| (86) International Application No | :NA | 1)JADHAV SAGAR |
| Filing Date | :NA | 2)SHOWKAT RASOOL |
| (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 discloses a ballasting assembly (18) comprising a ballast weight supported on a support frame, an operating arrangement and an actuation mechanism. The ballast weight is slidably displaceable on the support frame by means of the operating arrangement on actuation by an actuation mechanism. The ballast weight is slidably displaced based on inputs on operational parameters from associated sensors.

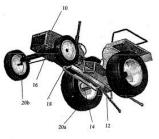


Figure I

No. of Pages : 13 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :05/09/2014

(43) Publication Date : 18/03/2016

| (54) Title of the invention : A NOVEL PROCESS FO | OR MIDODRI | NE |
|--|------------------------|--|
| (51) International classification (31) Priority Document No | :A61K 31/506 :NA | (71)Name of Applicant : 1)EMCURE PHARMACEUTICALS LIMITED Address of Applicant :EMCURE HOUSE, T-184, M.I.D.C., |
| (32) Priority Date | :NA | BHOSARI, PUNE-411026, INDIA Maharashtra India |
| (33) Name of priority country | :NA | (72)Name of Inventor : |
| (86) International Application No | :NA | 1)GURJAR MUKUND KESHAV |
| Filing Date | :NA | 2)SONAWANE SWAPNIL PANDITRAO |
| (87) International Publication No | : NA | 3)PATIL GULABRAO DAGDU |
| (61) Patent of Addition to Application Number | :NA | 4)PATIL PANKAJ SHALIKRAO |
| Filing Date | :NA | 5)MEHTA SAMIT SATISH |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention provides an improved process for preparation of midodrine hydrochloride (la). The process comprises reaction of 2-amino-l(2,5-dimethoxyphenyl)-ethanone hydrochloride of formula (Va) with N-BOC-glycine and 1,1'carbonyldiimidazole (CDI) to give novel intermediate, tertiary-butyl-N-({[2-(2,5-dimethoxyphenyl)-2-ketoethyl]-carbamoyl} methyl) carbamate of formula (VI), which after reduction with sodium borohydride and treatment of the resulting compound (VII) with hydrochloric acid afforded midodrine hydrochloride (I) conforming to regulatory specifications.

No. of Pages : 12 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :25/08/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : MONITORING ACTIVITIES OF A SOFTWARE APPLICATION

| (51) International classification | | (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 Maharashtra India |
| (86) International Application No | :PCT// | (72)Name of Inventor : |
| Filing Date | :01/01/1900 | 1)PRADHANI, Padmalaya |
| (87) International Publication No | : NA | 2)ROUT, Bhanunjya Kumar |
| (61) Patent of Addition to Application Number | :NA | 3)PANDA, Debabrata |
| Filing Date | :NA | 4)SAHOO, Rakesh Ranjan |
| (62) Divisional to Application Number | :NA | 5)MOHAPATRA, Mihir Prasad |
| Filing Date | :NA | |

(57) Abstract :

Disclosed are a method and a system for monitoring one or more activities offered by a software application in a computer network. The method comprises monitoring a response time for one or more activities. The one or more activities are performed by a software application. The method further comprises comparing the response time of the one or more activities with a corresponding pre-defined threshold time. The method also comprises detecting a faulty activity of the one or more activities based on the comparison. The method further comprises highlighting a code snippet corresponding to the faulty activity in a source code of the software application.

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

(19) INDIA

(22) Date of filing of Application :25/08/2014

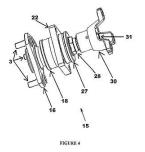
(43) Publication Date : 18/03/2016

(54) Title of the invention : INTEGRAL REAR AXLE HUB BEARING UNIT FOR THREE WHEELERS AND METHOD OF ITS ASSEMBLY THEREOF

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :B60K17/04 :NA :NA :NA :NA :NA :NA :NA :NA :NA | (71)Name of Applicant : 1)ISK BEARINGS INDUSTRIES Address of Applicant :PLOT NO. G-1513, ALMIGHTY GATE ROAD, LODHIKA G.I.D.C., METODA - 360021, RAJKOT, GUJARAT, INDIA. Gujarat India (72)Name of Inventor : 1)MR. HARESHKUMAR PREMJIBHAI HADVANI 2)MR. VINOD BABUBHAI SAKARIYA |
|---|---|--|
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

The Present Invention is consisting of One Axle Shaft or Drive Axle Integrated with Single Inner Race therewith, a full complement Double-Row Angular Contact Ball Bearing and Components which hold a Wheel to be used in an Auto Rickshaw. The Present Invention is illustrated through a perspective view vide the Figure-4. The Integral Rear Axle Unit or 3rd Generation Rear Wheel Hub Bearing Unit (15), consists of One Rear Axle Shaft or Drive Axle integral with 1st Inner Race of Double-Row Angular Contact Ball Bearing (16), Double-Row Angular Contact Ball Bearing (Figure-6), and Components (Figure-7), which hold a wheel to be used in an Auto Rickshaw.



No. of Pages : 39 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :08/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : ONE POT SYNTHESIS OF 2-AMINO-4, 6-DIARYL PYRIMIDINES USING CESIUM HYDROXIDE-ALUMINA AS A HETEROGENEOUS BASIC CATALYST

| (···) | Applicant : V. RAMANA Applicant :DEPARTMENT OF CHEMISTRY, OF MUMBAI, VIDYANAGARI, SANTACRUZ (BAI-400 098, MAHARASHTRA, INDIA. dia |
|--|--|
| (61) Patent of Addition to Application Number:NA2)NIMKARFiling Date:NA3)BETKAR(62) Divisional to Application Number:NA4)RANADE | |

(57) Abstract :

The present invention relates to the one pot synthesis of 2-amino-4, 6-diaryl pyrimidines from acetophenones, aromatic aldehydes and guanidine hydrochloride using heterogeneous basic catalyst CsOH-A12O3. Along with the good yield, significance of the heterogeneous catalyst over the homogeneous counterpart is its ease of separation and reusability without loss of activity.

No. of Pages : 9 No. of Claims : 8

(22) Date of filing of Application :08/09/2014

(43) Publication Date : 18/03/2016

| (54) Title of the invention : MODIFIED COCO PEAT | [| |
|--|----------------|--|
| (51) International classification | :A01N 37/46 | (71)Name of Applicant : 1)SANTOSH ANANTRAO HARALE |
| (31) Priority Document No | :NA | Address of Applicant :NEW MONDHA, GAVHANE ROAD, |
| (32) Priority Date | :NA | PARBHANI, PIN CODE: 431401, MAHARASHTRA, INDIA. |
| (33) Name of priority country | :NA | Maharashtra India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)SANTOSH ANANTRAO HARALE |
| (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 modified coco peat comprising coco peat, charcoal and/or humic substance for faster root and shoot growth. The modified coco peat prepared can be used as a medium for preparing seedlings for transplantation or as a medium for plantation directly.

No. of Pages : 13 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :08/09/2014

(54) Title of the invention : CONTROL SYSTEM FOR COMFORT AIR-CONDITIONING

(57) Abstract :

A control system comprises sensors to sense environmental conditions such as temperature, humidity, odor, and oxygen and carbon dioxide level, thereby generating a sensor data. The system further comprises a signal conditioning unit, which conditions the sensor data. The atmospheric controller comprises a repository that store predefined power management data and pre-defined atmosphere control data, an analyzer that analyzes the conditioned sensor data with respect to the predefined atmosphere control data hence generating analyzed atmosphere control data and a processor that instructs the analyzer to perform its functions and to transmit the analyzed atmosphere control data. The processor processes analyzed atmosphere control data with respect to the predefined power management data to generate atmosphere regulating instructions. The atmospheric management unit of the controller regulates the indoor and/or outdoor unit based on the atmosphere regulating instructions to achieve comfort air-conditioning. Fig.2

No. of Pages : 24 No. of Claims : 6

(22) Date of filing of Application :22/08/2014

(43) Publication Date : 18/03/2016

| (54) Title of the invention : A COLLECTOR BAR | | |
|---|-----------------------|---|
| (51) International classification(31) Priority Document No | :C10B 49/12 :NA | (71)Name of Applicant : 1)ADITYA BIRLA SCIENCE AND TECHNOLOGY COMPANY LIMITED |
| (32) Priority Date | :NA | Address of Applicant :ADITYA BIRLA CENTRE, 2ND |
| (33) Name of priority country | :NA | FLOOR, C WING, S K AHIRE MARG, WORLI, MUMBAI |
| (86) International Application No | :NA | 400025, MAHARASHTRA, INDIA Maharashtra India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)GUPTA, AMIT |
| (61) Patent of Addition to Application Number | :NA | 2)MODAK, SAIBAL |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

An insert for a current collector bar is disclosed. The current collector bar formed from a first material and defining a length L a width 'W and a height H\ wherein the insert is formed of a second material and has a length T extending between a first end and a second end, the length T less than the length 4L5 of the current collector bar; has an end height sh1 at the first end and second end of the insert and a center height sh2 at the center of the insert, such that center height 5h2' is greater than the end height 'h'.

No. of Pages : 18 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :22/08/2014

| oplicant : OPACK LIMITED Applicant :Top Floor, Times Tower, Kamala apat Marg, Mumbai 400013 Maharashtra India ventor : E, Mrinal Kanti |
|---|
| |

(57) Abstract :

A container assembly (100) having a dispensing system (106) is disclosed. The dispensing system (106) includes an adaptor (108) to mount the dispensing system (106) on a container body (102) of the container assembly (100). Further, the dispensing system (106) includes a first actuator (118) includes an actuating body (120) having a first orifice (122) in a lateral wall and defining a cavity (208). The first actuator (118) also includes a plurality of arms (126) extending from the actuating body (120) to control flow of a viscous material into the dispensing system (106). The dispensing system (106) includes a second actuator (128) disposed within the cavity (208) of the first actuator (118) to actuate the first actuator (118). The second actuator (128) having a second orifice (132) in a lateral wall such that the first orifice (122) substantially aligns with the second orifice (132) when the second actuator (128) is actuated.

No. of Pages : 28 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :05/09/2014

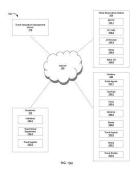
(43) Publication Date : 18/03/2016

(54) Title of the invention : SYSTEM AND METHOD FOR TRAVEL EXPERIENCE INTEGRATION AND MANAGEMENT

| (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | G06F15/23 NA NA NA NA NA NA NA NA NA NA NA | (71)Name of Applicant : 1)SUDHIR, Sanandan Address of Applicant :1105 -1106, A-Block, Titanium Square, Thaltej Crossroads, S.G. Highway, Ahmedabad - 380 054, Gujarat, India Gujarat India (72)Name of Inventor : 1)SUDHIR, Sanandan |
|--|---|---|
|--|---|---|

(57) Abstract :

The present disclosure mainly relates to the field of travel planning and execution, and particularly relates to performance of journey by trains or any other desired mode of travel. Methods and systems using a system that is configurable on a portable computing device have been described, wherein the proposed system can allow travelers to access and monitor, in real time, information including PNR status for multiple bookings including timely cancelation for unconfirmed and multiple bookings, viewing multiple attributes of the actual travel such as time left, alarms, reservation predictor, among others, managing internal/external vendors, platform and station navigation, and communication with fellow passengers.



No. of Pages : 54 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :05/09/2014

| (54) Title of the invention : A BALLASTING SYSTE | EM. | |
|--|----------------|--|
| (51) International classification | :B01D 29/58 | (71)Name of Applicant : 1)DEERE & COMPANY |
| (31) Priority Document No | :NA | Address of Applicant : ONE JOHN DEERE PLACE, |
| (32) Priority Date | :NA | MOLINE, ILLINOIS, 61265-8098, USA U.S.A. |
| (33) Name of priority country | :NA | (72)Name of Inventor : |
| (86) International Application No | :NA | 1)PRABHAVALKAR SANDEEP |
| Filing Date | :NA | 2)HINGNE ABHIJEET |
| (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 discloses a ballasting system adapted to cooperate with mounting portion of a vehicle. The ballasting system includes a main member 20 romovably mounted on the mounting portion of the vehicle and a plurality of auxiliary members 22. The auxiliary members 22 are removably mounted on the main member 20 by means of locking arrangement, such as bolts 24. The auxiliary members 22 are provided with rotation restricting element to restrict the tendency of each of auxiliary members 22 of the rotate with respect to each other.

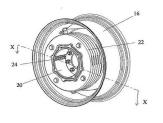


Figure 2

No. of Pages : 20 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :03/09/2014

(54) Title of the invention : PLANT TISSUE CULTURE MEDIA

| (51) International classification | :B64D45/00, G01S3/80, G08B15/03 | (71)Name of Applicant : 1)GSFC SCIENCE FOUNDATION |
|---|---------------------------------|--|
| (31) Priority Document No | :NA | Address of Applicant : Vigyan Bhavan, P.O. Fertilizernagar - |
| (32) Priority Date | :NA | 391 750, Dist. Vadodara, Gujarat India. Gujarat India |
| (33) Name of priority country | v:NA | (72)Name of Inventor : |
| (86) International Application No Filing Date | NA NA | 1)ROBIN PUSHPA |
| (87) International Publication No | : NA | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | ¹ :NA :NA | |

(57) Abstract :

The present disclosure relates to a tissue culture medium comprising at least one salt, at least one amino acid, at least one vitamin, at least one carbon source, at least one plant growth regulator and at least one gelling agent in pre-determined quantities. Typically, the plant growth regulator is at least one selected from the group consisting of 6-benzylaminopurine and naphthalene acetic acid, depending on which tissue culture medium is used for shoot induction, multiplication or root induction and development of rooting system.

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

(22) Date of filing of Application :04/09/2014

(43) Publication Date : 18/03/2016

| (54) Title of the invention : SEED MET | ERING DEVICE | |
|--|--|--|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :H01S3/097, H01S3/0975 :NA :NA :NA :PCT// :01/01/1900 : NA :NA :NA :NA :NA | (71)Name of Applicant : 1)DAKE, Sudhakar Savleram Address of Applicant :Flat No. A/6, Shrikalp Hsg. Society, Plot No. RH 85, Shahunagar, G • Block, M.I.D.C. Chinchwad, Pune, Maharashtra, Pin 411 019, India Maharashtra India (72)Name of Inventor : 1)DAKE, Sudhakar Savleram |

(57) Abstract :

Abstract: The present invention discloses a seed metering device that includes a seed sump/seed box, a vertically rotating seed metering disc and a seed outlet. The seed sump includes a vertical wall supported on a horizontal axle that mounts a metering disc thereon. The metering disc includes a plurality of cells defined along a periphery thereof. Each cell has a surface configuration defined by a plurality peripheral cuts and a downward sloping profile thereby forming a cavity along an internal surface thereof. Each cell has a lower position and an upper position facilitated by rotation of the metering disc in a predefined path. The cells communicate with the vertical wall for lifting at least one seed in the lower position thereof. The cells discharge a single seed through the outlet in the upper position thereof. FIG. 1 (For publication)

No. of Pages : 25 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :05/09/2014

(43) Publication Date : 18/03/2016

:C07D471/04, A61K31/442 (71)Name of Applicant : (51) International classification (31) Priority Document No **1)EMCURE PHARMACEUTICALS LIMITED** :NA (32) Priority Date Address of Applicant : EMCURE HOUSE, T-184, M.I.D.C., :NA (33) Name of priority country BHOSARI, PUNE-411026, INDIA Maharashtra India :NA (86) International Application No (72)Name of Inventor: :NA Filing Date :NA 1)GURJAR MUKUND KESHAV (87) International Publication No : NA 2) DESHMUKH SANJAY SHANKAR (61) Patent of Addition to Application :NA **3)HIVAREKAR RAGHVENDRA RAMESHRAO** Number 4)HINGMIRE VAIBHAV SHIVAJI :NA Filing Date 5)HONPARKHE RAMCHANDRA BIRAPPA (62) Divisional to Application **6)MEHTA SAMIT SATISH** :NA Number :NA Filing Date

(54) Title of the invention : A NOVEL PROCESS FOR RALOXIFENE HYDROCHLORIDE

(57) Abstract :

The present invention provides a novel process for preparation of Raloxifene hydrochloride (Ia) comprising reaction of 2-(4-hydroxyphenyl) benzo [b] thiophene of formula (II) with 4-[2-(1-piperidinyl)-ethoxy]-phenyl] benzoic acid (III) using Eaton's reagent. The resulting compound, 6-methanesulfonyloxy-2-(4-methanesulfonyloxyphenyl)-3-[4-(2-piperidinoethoxy) benzoyl]benzo[b]thiophene of formula (III), after deprotection of the methanesulfonyl groups, and treatment with hydrochloric acid yields Raloxifene hydrochloride of formula (Ia) having desired purity.

No. of Pages : 14 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :05/09/2014

(54) Title of the invention : PHARMACEUTICAL FORMULATIONS OF TOLTERODINE

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number | 31/715 :NA | (71)Name of Applicant : 1)EMCURE PHARMACEUTICALS LIMITED Address of Applicant :EMCURE HOUSE, T-184, M.I.D.C., BHOSARI, PUNE-411026, INDIA Maharashtra India (72)Name of Inventor : 1)SALUNKHE SANDIP TANANJI 2)THOTTASSERI MANOJ KUMAR 3)BAWEJA JITENDRA MOHAN SINGH 4)GURJAR MUKUND KESHAV |
|--|---------------|---|
| (61) Patent of Addition to Application Number | :NA | 4)GURJAR MUKUND KESHAV |
| Filing Date (62) Divisional to Application Number | :NA :NA | 5)MEHTA SAMIT SATISH |
| Filing Date | :NA | |

(57) Abstract :

The present invention provides a stable solid pharmaceutical composition for oral administration of antimuscarnic agents and processes for preparation thereof. Typically, the present invention relates to pharmaceutical compositions of Tolterodine, its pharmaceutically acceptable salt and processes for preparation thereof. The controlled-release composition comprises (i) an inert core (ii) a first layer disposed on the inert core, wherein the first layer comprises tolterodine or a pharmaceutically acceptable salt thereof, a water insoluble polymer and a water soluble polymer; (iii) a second layer disposed on the first layer, wherein the second layer comprises tolterodine and a binder; and (iv) a third layer disposed on the second layer, wherein the third layer comprises a water insoluble polymer, and a pore-forming agent.

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

(19) INDIA

(22) Date of filing of Application :05/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : A FLOW THROUGH DEVICE FOR DETECTION OF MULTIPLE BIOANALYTES AND A PROCESS THEREOF

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date | :F02B63/04, F02B67/09 :NA :NA :NA :NA :NA | (71)Name of Applicant : 1)MERIL DIAGNOSTICS PRIVATE LIMITED Address of Applicant :NO. 135/139, BILAKHIA HOUSE, MUKTANAND MARG, CHALA, VAPI-396191, GUJARAT, INDIA. Gujarat India (72)Name of Inventor : |
|--|--|---|
| (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | : NA :NA :NA :NA :NA | 1)MINOCHA, PRAMOD KUMAR 2)VYAS, RAJNIKANT GANDALAL 3)PARAB, SHAILESH YASHWANT 4)LAD, NILAY MOHANLAL |

(57) Abstract :

The present invention discloses a flow through device for detection and differentiation of multiple bioanalytes from a single sample and a process thereof. The device is a visual, rapid, sensitive and reliable immunoassay analyzer for the differential detection of multiple bioanalytes in biological fluids like human blood, serum or plasma by immobilizing the respective disease specific biomolecules i.e. antigen, antibody, peptides, synthetic peptides or recombinant proteins derived from disease causing microorganisms on the immunofilteration reaction membrane.



No. of Pages : 22 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :25/08/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : IMPROVED METHOD OF WASTE WATER TREATMENT THROUGH EICHHORNIA CRASSIPES

| (80) International Application NoINAInternational Platesh IndiaFiling Date:NA2)SANKALP DIXIT(87) International Publication No: NA(72)Name of Inventor :(61) Patent of Addition to Application Number:NA1)SAVITA DIXITFiling Date:NA2)SANKALP DIXIT(62) Divisional to Application Number:NA2)SANKALP DIXIT | (87) International Publication No(61) Patent of Addition to Application Number Filing Date | :NA :NA :NA :NA :NA :NA :NA :NA | (72)Name of Inventor : 1)SAVITA DIXIT |
|---|---|--|--|
|---|---|--|--|

(57) Abstract :

In the present invention, method of removing amount of metal like cadmium, chromium, zinc and lead from waste water using plants of the family Pontederiaceae is disclosed. In order to accomplish this, Eichhornia Crassipes dry mass is utilised o provide adsorbent base. Metal like cadmium, chromium, zinc and lead present in the waste water are allowed to adsorb onto the surface of dry powder of Eichhornia Crassipes thus restricting the presence of heavy metals into the domestic waste water and industry effluent that could harm aquatic lives when released to water resources.

| | | (shi) | 8 | | 1 | | 6 | incies . | | |
|-------------------|----|---------------------------------------|---------|------------------------|--|------|---------|----------|-------|-------------------------|
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| | | Ui | | +lici +2ai +itai | No. of the second secon | 11 - | - + + - | · + + • | 117 - | +541 +541 +941 |
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No. of Pages : 19 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :08/09/2014

(54) Title of the invention : CONTROL SYSTEM FOR CLIMATE AND VAPOUR PRESSURE DEFICIT (VPD) CONTROL **INSIDE GREENHOUSE**

| | | (71)Name of Applicant : 1)MODERN EDUCATION SOCIETY'S COLLEGE OF |
|---|------------------------------|--|
| (51) International classification(31) Priority Document No(32) Priority Date | :A01G 13/02 :NA :NA | ENGINEERING, PUNE Address of Applicant :19, BUND GARDEN, WADIA COLLEGE COMPOUND, PUNE 411 001, MAHARASHTRA, INDIA Maharashtra India |
| (33) Name of priority country (86) International Application No Filing Date (87) International Publication No | :NA :NA :NA : NA | 2)HAKE ABHAY JIJABA 3)RAIBHOLE VAIJANATH NARHARIRAO 4)CHOKDA PRANAV JAIPRAKASH 5)JETHRA JASVEERSINGH TARASINGH |
| (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :NA :NA :NA :NA | (72)Name of Inventor : 1)HAKE ABHAY JIJABA 2)RAIBHOLE VAIJANATH NARHARIRAO 3)CHOKDA PRANAV JAIPRAKASH |
| | .114 | 4)JETHRA JASVEERSINGH TARASINGH 5)PATIL ANIL JANARDHAN |

(57) Abstract :

A system for controlling the environment of at least one greenhouse, wherein the system comprises sensors for sensing temperature, humidity light, CO2 level, soil conditions and the like. The system is configured to sense environmental conditions and generate sensor data that gets conditioned and is received by an environmental controller, which comprises a repository that stores the predefined environmental data and power management protocol, an analyzer that analyzes conditioned sensor data with respect to predefined data to generate analyzed environmental data, and a processor, configured to instruct the analyzer to perform its functions and also to transmit the analyzed environmental data. The environmental controller cooperates with the repository and the analyzer to receive the analyzed environmental and the power management protocol thereby processing the analyzed environmental data with respect to the power management protocol to generate power regulating instructions. Fig.5

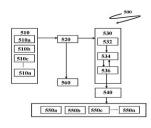


FIGURE 5

No. of Pages : 33 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :09/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : SYSTEM FOR ENABLING FASTER ACCESS TO INFORMATION

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) Intermetional Publication No | :H04B 10/40 :NA :NA :NA :PCT// :01/01/1900 | (71)Name of Applicant : 1)SPRYLOGIC TECHNOLOGIES LTD Address of Applicant :A1, APLAB HOUSE, WAGLE ESTATE, THANE 400604, MAHARASHTRA, INDIA Maharashtra India (72)Name of Inventor : 1)GHOSALKAR Parag Prabhakar |
|---|--|---|
| (87) International Publication No(61) Patent of Addition to Application Number | : NA :NA | |
| Filing Date | :NA :NA | |
| (62) Divisional to Application Number | :NA ·NA | |
| Filing Date | :NA | |

(57) Abstract :

System and method for enabling faster access to information are provided. The system may include a plurality of digital information systems (102). The digital information system (102) may be configured to store at least a portion of information corresponding to a plurality of users. The information, corresponding to a plurality of users who are likely to use the digital information system (102), may be stored in one or more digital storage units (104), provided within the digital information system (102). The digital information system (102) may be configured to receive a request from a user to log into the digital information system (102). The digital information system (102) may be further configured to authenticate the user by accessing the information stored in the one or more digital storage units (104), if information required for authentication is present in the one or more digital storage units (104). Reference figure: FIG. 2

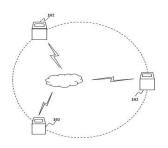


FIG. 2 No. of Pages : 21 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :22/08/2014

(43) Publication Date : 18/03/2016

$(54) \ Title \ of \ the \ invention: STABLE \ PRESERVATIVE \ FREE \ PHARMACEUTICAL \ COMPOSITION \ OF \ AZELASTINE$

| (51) International classification:A61K47/32(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(36) International Application No:NAFiling Date:NA(87) International Publication No:NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(63) Date:NA | 2 (71)Name of Applicant : 1)CADILA HEALTHCARE LIMITED Address of Applicant :ZYDUS TOWER, SATELLITE CROSS ROAD, AHMEDABAD - 380015, GUJARAT, INDIA Gujarat India (72)Name of Inventor : 1)KULKARNI SUSHRUT KRISHNAJI 2)LADDHA RITU NITIN |
|--|--|
|--|--|

(57) Abstract :

ABSTRACT STABLE PRESERVATIVE FREE PHARMACEUTICAL COMPOSITION OF AZELASTINE • The present invention relates to pharmaceutical composition comprising azelastine, or a pharmaceutically acceptable salt or ester thereof including azelastine hydrochloride, wherein composition is essentially free of preservative. The present invention also relates to the compositions that minimize or mask the unpleasant bitter taste associated with post-nasal drip, of the compositions into the oral cavity, upon intranasal or ocular administration of the compositions. The invention also relates to processes for the preparation of such pharmaceutical compositions and use thereof for the symptomatic relief of allergic rhinitis, non-allergic vasomotor rhinitis, as well as other disorders.

No. of Pages : 17 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :04/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : AN ELECTROCHEMICAL RECHARGEABLE DEVICE AND A METHOD OF MANFACTURE OF ITS COMPONENTS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No | :NA :NA :NA :NA | (71)Name of Applicant : 1)DESHMUKH PRASANNA Address of Applicant :P - 4/5, Information Technology Park, MIDC, Satara 415 004, Maharashtra, India. Maharashtra India (72)Name of Inventor : |
|--|--------------------------|--|
| (33) Name of priority country | :NA | MIDC, Satara 415 004, Maharashtra, India. Maharashtra India |
| | | |
| Filing Date (87) International Publication No | :NA : NA | 1)DESHMUKH PRASANNA 2)MORE SAGAR |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

Described herein is an electrochemical rechargeable device and a method of manufacturing the same, the device having a cathode and an anode, wherein a separator in the form of composite slurry is coated on at least one of the cathode and the anode.

No. of Pages : 15 No. of Claims : 11

| (12) PATENT APPLICATION PUBLICATION (19) INDIA | | (21) Application No.2720/MUM/2014 A |
|--|---|--|
| (22) Date of filing of Application :25/08/2014 | | (43) Publication Date : 18/03/2016 |
| (54) Title of the invention : 2x2 Variable combustion | engine (2 x 2 | VCE) with improved efficiency |
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :G06F19/00, :NA :NA :NA :PCT// :01/01/1900 : NA :NA :NA :NA :NA | (71)Name of Applicant : 1)MENON, Anup Krishnan Address of Applicant :Flat 21 Akashneem (Tower A6), Godrej Garden Enclave, Pirojshanagar, Vikroli (East), Mumbai 400 079, Maharashtra, India. Maharashtra India (72)Name of Inventor : 1)MENON, Anup Krishnan |

(57) Abstract :

Abstract: Title: 2x2 Variable combustion engine (2 x 2 VCE) with improved efficiency A 2 x 2 stroke multi-cylinder Variable combustion engine (VCE) having variable compression ratio is disclosed herein. It has a pair of cylinders, namely Breathing Cylinder •, performing Intake Stroke & Compression Stroke, and Burning Cylinder •, performing Ignition Stroke & Exhaust Stroke. The Breathing Cylinder and the Burning Cylinder are not synchronised, but the Breathing Cylinder is delayed with respect to the Burning Cylinder. The compression ratio is characterised by the delay in the Breathing Cylinder with respect to the Burning Cylinder. The said delay can be varied either manually while the engine is at rest or automatically while the engine is running.

No. of Pages : 15 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :25/08/2014

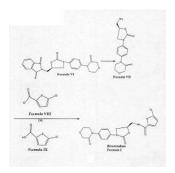
(43) Publication Date : 18/03/2016

(54) Title of the invention : PROCESS FOR THE PREPARATION OF RIVAROXABAN

| (51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country | :C07D295/155 :NA :NA :NA | (71)Name of Applicant : 1)CIPLA LIMITED Address of Applicant :Cipla House, Peninsula Business Park, Ganpatrao Kadam Marg, Lower Parel, Mumbai 400013, |
|--|-----------------------------------|--|
| (86) International Application No Filing Date | :NA :NA | Maharashtra. India. Maharashtra India (72) Name of Inventor : |
| (87) International Publication No(61) Patent of Addition to Application Number Filing Date | : NA :NA :NA | 1)RAO, Dharmaraj Ramachandra 2)MALHOTRA, Geena 3)PULLELA, Venkata Srinivas |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

The present invention relates to an environmentally friendly process for preparing rivaroxaban. The present invention provides a process for preparing rivaroxaban of formula I, the process comprising: reacting a compound of formula VI with a base in the presence of a solvent to form a compound of formula VII; and condensing the compound of formula VII with a compound of formula VII or a compound of formula IX in the presence of a solvent to prepare rivaroxaban of formula I, wherein the solvent used in both steps comprises water.



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

(19) INDIA

(22) Date of filing of Application :01/09/2014

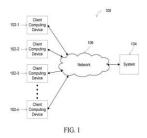
(43) Publication Date : 18/03/2016

(54) Title of the invention : MULTI-NODE MULTI-GPU SYSTEM FOR EFFECTIVE AND EFFICIENT MEDICAL IMAGE ANALYSIS

| (51) International classification | :C07H19/16, C07H1/02, C07H19/08 | 1)Aditya Imaging Information Technologies (AIIT) |
|---|---------------------------------|---|
| (31) Priority Document No | :NA | Address of Applicant :GURUKUL CHS, 145,Ram Mandir |
| (32) Priority Date | :NA | Road, Vile Parle (E), Mumbai - 400057 Maharashtra India |
| (33) Name of priority country | y:NA | (72)Name of Inventor : |
| (86) International Application No Filing Date | :NA :NA | 1)Mr. Umesh Shanghvi 2)Dr. Rhushabh Goradia 3)Mr. Adarsh Jain |
| (87) International Publication | ¹ : NA | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

The invention provides a method and system for analyzing multi-resolution medical images. The method includes receiving one or more multi-resolution medical image is divided into a plurality of segments. Thereafter, each segment of the plurality of segments of each multi-resolution medical image is processed in parallel, utilizing one or more computation nodes, wherein each computation node includes one or more Graphical Processing Units (GPUs). The results corresponding to each segment of a multi-resolution medical image is collated and a collated report is displayed.



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

(19) INDIA

(22) Date of filing of Application :04/09/2014

(21) Application No.2826/MUM/2014 A

(43) Publication Date : 18/03/2016

| (51) International classification | :H04B7/212, H04J3/11 | (71)Name of Applicant : |
|--|----------------------|---|
| (31) Priority Document No | :NA | 1)Nabros Pharma Private Limited |
| (32) Priority Date | :NA | Address of Applicant :Nabros Tower Opposite Art Galary, |
| (33) Name of priority country | :NA | Behind British Library, Law Garden, Ellisbridge, Ellisbridge, |
| (86) International Application No | :PCT// | Ahmedabad, Gujarat 380006 Gujarat India |
| Filing Date | :01/01/1900 | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)SHAH NAVNIT MULCHAND |
| (61) Patent of Addition to Application | :NA | |
| Number Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(54) Title of the invention : A Novel Process for Preparing Phosphotidylcholine Paste

(57) Abstract :

A Novel Process for Preparing Phosphotidylcholine Paste from soya lecithin liquid/powder. Extracting soya lecithin liquid using ethyl alcohol/isopropyl alcohol in extractor for precipitating out phosphotidylcholine (35 to 95%) as top layer and other phospholipids at bottom and transferring the phosphotidylcholine (35 to 95%) precipitated/miscella from top layer to a storage vessel; Then distillation of miscella /phosphotidylcholine precipitate of the top layer by passing though a heat exchanger for condensing ethyl alcohol/iso prpopyl alcohol vapors for reuse and recovering phosphotidylcholine (35 to 95%) liquid through a flasher and finally filtering the said phosphotidylcholine (35 to 95%) liquid and storing in a vessel; And extracting phosphotidylcholine (35 to 95%) liquid using acetone/ether in a extractor for settling out phosphotidylcholine (35-95%) precipitate at bottom.

No. of Pages : 12 No. of Claims : 5

(21) Application No.2828/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :04/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : A PASSIVELY COOLED ELECTROCHEMICAL RECHARGEABLE DEVICE AND ITS ASSEMBLY

| (51) International classification | :C07D471/04, A61K31/442 | |
|--|-------------------------|--|
| (31) Priority Document No | :NA | 1)DESHMUKH PRASANNA |
| (32) Priority Date | :NA | Address of Applicant : P - 4/5, Information Technology Park, |
| (33) Name of priority country | :NA | MIDC, Satara 415 004, Maharashtra, India. Maharashtra India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)DESHMUKH PRASANNA |
| (87) International Publication No | : NA | 2)MORE SAGAR |
| (61) Patent of Addition to Application | :NA | |
| Number | :NA | |
| Filing Date | .NA | |
| (62) Divisional to Application | :NA | |
| Number | :NA | |
| Filing Date | .INA | |

(57) Abstract :

Described herein is a passively cooled electrochemical rechargeable device comprising an electrochemical rechargeable cell array having a plurality of cells with each cell is covered at least partially with a phase change material (PCM), a thermally conductive porous support at least partially impregnated with the PCM, wherein each cell is in thermal contact with the porous support and is stacked such that each cell is sandwiched between two porous supports. Fig.1

No. of Pages : 19 No. of Claims : 10

(54) Title of the invention : VALVE ASSEMBLY OF A FILTER ELEMENT

(19) INDIA

(22) Date of filing of Application :05/03/2014

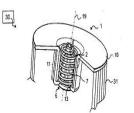
(43) Publication Date : 18/03/2016

| (51) International classification | :B01D35/147, F16K 31/00 | (71)Name of Applicant : 1)MANN+HUMMEL GMBH |
|---|----------------------------|---|
| (31) Priority Document No | :102013004285.2 | Address of Applicant :HINDENBURGSTRASSE 45, 71638 |
| (32) Priority Date | :13/03/2013 | LUDWIGSBURG, GERMANY Germany |
| (33) Name of priority country | :Germany | (72)Name of Inventor : |
| (86) International Application No | :NA | 1)Mahdi Abokhalaf, |
| 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 valve assembly (1) of a filter element (30) has a valve plunger (2)which comprises a valve stem (3) with a coupling section (4) and a valve plate (5) for closing a valve opening (6), and a spring element (7), which comprises a spring section (8) for generating a restoring force (F) and a holding section (9) for mechanically coupling to the coupling section (4). In this context, the valve stem (3) is enclosed at least partially by the spring section (8), and the holding section (9) and the coupling section (4) engage each other such that the spring section (8) generates a restoring force (F) along a center axis (19) of the valve assembly (1) for forcing the valve plate (5) against the valve opening (6).

[Fig. 1]



No. of Pages : 16 No. of Claims : 11

(19) INDIA

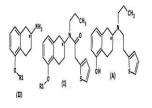
(22) Date of filing of Application :03/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : A PROCESS FOR SYNTHESIS OF ROTIGOTINE AND PHARMACEUTICALLY ACTIVE SALT THEREOF

(57) Abstract :

The present invention discloses a novel process for preparation of Rotigotin of formula (A) or its pharmaceutically active salt. The process involves the isolation of intermediate of formula (I). The intermediate (I) is prepared from 5-methoxy tetraline-2-amine of formula (II). The present invention further comprises converting the compound of formula (I) to Rotigotin or its pharmaceutically active salts by dealkylation of compound of formula (I) to form compound of formula (VI) followed by reduction of compound (VI), to form Rotigotin. In said process Rotigotin is optionally converted to pharmaceutically active salt thereof. The process of the present invention results in the product with high chemical and enantiomeric purity and higher yield. The process avoids purification up to preparation of compound of formula (VI) and thus avoids lengthy workups.



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

(19) INDIA

(22) Date of filing of Application :03/09/2014

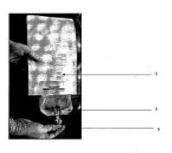
(43) Publication Date : 18/03/2016

(54) Title of the invention : PERFUSION DOSAGE FORM

| (51) International classification:G06F17/54(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No:NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(61) Patent of Addition Number:NA(62) Divisional to Application Number:NAFiling Date:NA(61) Patent of Addition Number:NA(62) Divisional to Application Number:NAFiling Date:NA | (71)Name of Applicant : 1)SUN PHARMACEUTICAL INDUSTRIES LTD. Address of Applicant :17/B, MAHAL INDUSTRIAL ESTATE, OFF MAHAKALI CAVES ROAD, ANDHERI (EAST), MUMBAI 400093, MAHARASHTRA, INDIA. Maharashtra India (72)Name of Inventor : 1)KUMAR SAMARTH 2)KANE PRASHANT 3)BHOWMICK SUBHAS BALARAM 4)GANORKAR KIRTI 5)PATEL NISHIT |
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(57) Abstract :

A method for enabling hospitals or clinics to administer a dose of a drug to patients in need thereof while avoiding steps of manipulation, dilution, reconstitution, dispensing, sterilization, transfer, handling or compounding before intravenous administration.



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

(19) INDIA

(22) Date of filing of Application :27/08/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : A Catalyst Composition For Catalytic Cracking And A Process Of Preparation Thereof

| | | (71)Name of Applicant : |
|---|-------------|--|
| | | 1)Indian Oil Corporation Limited |
| (51) International classification | :C10G11/05 | Address of Applicant :G-9, Ali Yavar Jung Road, Bandra |
| (31) Priority Document No | :NA | (East), Mumbai-400 051, India Maharashtra India |
| (32) Priority Date | :NA | (72)Name of Inventor : |
| (33) Name of priority country | :NA | 1)CHIDAMBARAM, Velusamy |
| (86) International Application No | :PCT// | 2)KUVETTU, Mohan Prabhu |
| Filing Date | :01/01/1900 | 3)KARTHIKEYANI, Arumugam Velayutham |
| (87) International Publication No | : NA | 4)SARKAR, Biswanath |
| (61) Patent of Addition to Application Number | :NA | 5)SWAMY, Balaiah |
| Filing Date | :NA | 6)CHOUDHURY, Shiba Prasad |
| (62) Divisional to Application Number | :NA | 7)THAKUR, Ram Mohan |
| Filing Date | :NA | 8)VERMA, Brijesh Kumar |
| - | | 9)KUMAR, Brijesh |
| | | 10)DAS, Biswapriya |

(57) Abstract :

A CATALYST COMPOSITION FOR CATALYTIC CRACKING AND A PROCESS OF PREPARATION THEREOF Abstract of the invention The present invention relates to a catalyst additive composition suitable for fluid cracking, riser cracking and fixed bed cracking with reduction in bottom and coke, wherein the aluminosilicate and silica-alumina is generated in situ from added clay and silica. The present invention is also directed towards the preparation of the said catalyst additive composition. The invention also discloses a process for cracking of heavy hydrocarbons using the said catalyst additive.

No. of Pages : 24 No. of Claims : 14

(22) Date of filing of Application :09/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : SOLAR PANEL MOUNT INSTALLATION STRUCTURE AND SOLAR PANEL MOUNT **INSTALLATION METHOD**

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No | :H04B7/212, H04J3/13 :NA :NA :NA :PCT// :01/01/1900 : NA | (71)Name of Applicant : 1)Nagase Katsuyoshi Address of Applicant :501,Arey2,636-1, tsubukuhonmachi, kurume-shi, fukuoka-ken, 830-0047, Japan Japan (72)Name of Inventor : 1)Nagase Katsuyoshi |
|---|--|--|
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

A base of a support pillar supporting a solar panel mount is formed as a gabion, a basket lower portion of the gabion is formed as a plate, and the support pillar is uprightly fixed to the plate. A fixation flange provided in the lower end of the support pillar is fastened and fixed to the plate by bolts uprightly formed in the plate and nuts.

No. of Pages : 15 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :28/08/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : PARENTERAL DOSAGE FORM OF NOREPINEPHRINE

| (51) International classification | · \ 61K0/00 | (71)Name of Applicant : |
|---|-------------|--|
| | | |
| (31) Priority Document No | :NA | 1)SUN PHARMACEUTICAL INDUSTRIES LTD. |
| (32) Priority Date | :NA | Address of Applicant :17/B, MAHAL INDUSTRIAL |
| (33) Name of priority country | :NA | ESTATE, OFF MAHAKALI CAVES ROAD, ANDHERI |
| (86) International Application No | :NA | (EAST) MUMBAI - 400093, MAHARASHTRA, INDIA. |
| Filing Date | :NA | Maharashtra India |
| (87) International Publication No | : NA | (72)Name of Inventor : |
| (61) Patent of Addition to Application Number | :NA | 1)THUMMAR RAKESH |
| Filing Date | :NA | 2)PAWAR SHANTARAM |
| (62) Divisional to Application Number | :NA | 3)KANE PRASHANT |
| Filing Date | :NA | |

(57) Abstract :

The present invention relates to a ready-to-administer parenteral dosage form of norepinephrine which comprises an aqueous solution of norepinephrine, having an anti-oxidant which is not a sulfite anti-oxidant, wherein the dosage form is stable at room temperature for prolonged period of time.

No. of Pages : 25 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :26/08/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : A FORMULATION FOR SEPARATING MICROALGAE FROM SEAWATER AND A METHOD OF ITS PRODUCTION

| (31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:PCT// | (71)Name of Applicant : 1)ECOLAB INC. Address of Applicant :655, Lone Oak Drive, Mail Stop ESC-F7, Eagan, Minnesota MN 55121, United States of America. U.S.A. (72)Name of Inventor : 1)ARTHAM, Trishul 2)SHAH, Jitendra |
|--|--|
|--|--|

(57) Abstract :

The present invention provides a novel formulation of a composite coagulant for separating microalgae cultures from seawater. The composite coagulant comprises an inorganic polybasic salt component, a cross-linked polymer component and a carrier component. The present invention also provides a method for the production of the disclosed formulation.

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

(22) Date of filing of Application :27/08/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : A COMPUTER IMPLEMENTED SYSTEM AND METHOD FOR SEAMLESSLY INTEGRATING A PLURALITY OF APPLICATIONS

(57) Abstract :

A computer implemented system and method for seamlessly integrating a plurality of applications that are executable on an enterprise system. The system includes a user action tracker to track interactions of a user and an interaction repository to store the tracked interactions. The system also includes an application tracker to track at least one instance of application resident in at least one node of the enterprise system and an application repository to store the tracked instance of the application. Information related to plurality of events relating to the application, location of at least one of user/event and timing information related to the events along with information related to application history based on the user interactions and the application instances of the user interactions between the user and the application is then utilized to display different applications and their application instances and the relation between the applications and the application instances.

No. of Pages : 29 No. of Claims : 18

(21) Application No.2739/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :26/08/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : Regioregular Conjugated Copolymers Based on Thieno[3,4-b]thiophene and process for preparation of same

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :C08K5/09 :NA :NA :NA :PCT// :01/01/1900 : NA :NA :NA :NA | (71)Name of Applicant : 1)Indian Institute of Technology, Bombay Address of Applicant :Powai, Mumbai 400076, Maharashtra, India Maharashtra India (72)Name of Inventor : 1)Kumar Anil |
|---|--|--|
| Filing Date | :NA | |

(57) Abstract :

ABSTRACT Regioregular Conjugated Copolymers Based on Thieno[3,4-b]thiophene The present invention relates to new regioregular conjugated copolymers based on thieno[3,4-b]thiophene and process for synthesis thereof.

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

(19) INDIA

(22) Date of filing of Application :22/08/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : A PROCESS FOR PREPARING INDACATEROL AND INTERMEDIATES THEREOF

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No | :C07D215/26 :NA :NA :NA :NA | (71)Name of Applicant : 1)G Pratap Reddy Address of Applicant :24, Antrolikar Nagar-3, Hotgi Road, Solapur-413 003, Maharashtra, India Maharashtra India (72)Name of Inventor : |
|--|---|---|
| Filing Date | :NA | 1)Venkataiah Sunku |
| (87) International Publication No | : NA | 2)G Pratap Reddy |
| (61) Patent of Addition to Application Number | :NA | 3)Sunkaraneni Suresh Babu |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention relates to a process for preparing indacaterol or salts thereof. The process comprises of forming compound of Formula 1 by reacting compound of Formula 2 and compound of Formula 3 in the presence of a solvent to Form compound of Formula 4, which on removal of the protecting groups forms compound of Formula 1. Formula 2 Formula 3 Formula 4 Formula 1

No. of Pages : 43 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :04/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : A SAFETY NET SYSTEM AND METHOD OF MANUFACTURING THEREOF

| (51) International classification:E02F9/2(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No: NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(61) Patent of Addition Number:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NA | 2 (71)Name of Applicant : (71)Name of Applicant : (1)GARWARE-WALL ROPES LIMITED Address of Applicant :PLOT NO.11, BLOCK D-1, MIDC, CHINCHWAD, PUNE - 411 019. Maharashtra India (72)Name of Inventor : (72)NAME V. RAUT |
|--|---|
|--|---|

(57) Abstract :

A safety net system and method of manufacturing thereof. Particularly, the invention provides a safety net system for a transmission tower, which is characterized in having a plurality of border ropes within said safety net system for securing said safety net system at variable height and dimension of the transmission tower.

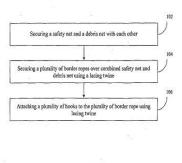


Figure I

No. of Pages : 13 No. of Claims : 9

(19) INDIA

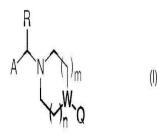
(22) Date of filing of Application :28/08/2014

(54) Title of the invention : GLYCOSIDASE INHIBITORS

| (51) International classification | :A61K31/70 | (71)Name of Applicant : |
|---|------------|---|
| (31) Priority Document No | :NA | 1)Asceneuron S.A. |
| (32) Priority Date | :NA | Address of Applicant :PSE EPFL, Batiment B, CH-1015 |
| (33) Name of priority country | :NA | Lausanne, Switzerland. Switzerland |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)Quattropani, Anna |
| (87) International Publication No | : NA | 2)Kulkarni, Santosh S. |
| (61) Patent of Addition to Application Number | :NA | 3)Giri, Awadut, Gajendra |
| Filing Date | :NA | 4)Gaokar, Vinayak, Shridhar |
| (62) Divisional to Application Number | :NA | 5)Devendran, Sumathi |
| Filing Date | :NA | |

(57) Abstract :

Compounds of formula (I) wherein A, R, W, Q, n and m have the meaning according to the claims can be employed, inter alia, for the treatment of tauopathies and AlzheimerTMs disease.



No. of Pages : 229 No. of Claims : 15

(43) Publication Date : 18/03/2016

(19) INDIA

(22) Date of filing of Application :29/08/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS OF TERIFLUNOMIDE

| (51) International classification(31) Priority Document No(32) Priority Date | :A61K47/38 :NA :NA | (71)Name of Applicant : 1)CADILA HEALTHCARE LIMITED Address of Applicant :Zydus Tower, Satellite Cross Roads, |
|--|--------------------------|--|
| (33) Name of priority country | :NA | Ahmedabad Gujarat India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)HANDA AJAY KUMAR |
| (87) International Publication No | : NA | 2)GUPTA AMIT OMPRAKASH |
| (61) Patent of Addition to Application Number | :NA | 3)SONI CHIRAG DEEPAKKUMAR |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

ABSTRACT PHARMACEUTICAL COMPOSITIONS OF TERIFLUNOMIDE • The present invention relates to stable

pharmaceutical compositions of teriflunomide or a pharmaceutically acceptable salt thereof. In particular, the invention relates to the stable pharmaceutical compositions of teriflunomide or a pharmaceutically acceptable salt thereof with colloidal silicon dioxide. The invention also relates to processes for the preparation of such compositions and use thereof for treatment of relapsing forms of multiple sclerosis.

No. of Pages : 25 No. of Claims : 10

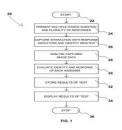
(22) Date of filing of Application :29/08/2014

(21) Application No.2768/MUM/2014 A

| (54) Title of the invention : INNOVATIVE SYSTEMS OF EDUCATION | | |
|---|-----------|---|
| | | |
| (51) International classification | :G09B7/00 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)Glenn Fernandes |
| (32) Priority Date | :NA | Address of Applicant :Ground Floor, Madhav Baug Brahmin |
| (33) Name of priority country | :NA | Society, Naupada Thane Maharashtra India |
| (86) International Application No | :NA | 2)Setu Parikh |
| Filing Date | :NA | 3)Nancy D'souza |
| (87) International Publication No | : NA | (72)Name of Inventor : |
| (61) Patent of Addition to Application Number | :NA | 1)Glenn Fernandes |
| Filing Date | :NA | 2)Setu Parikh |
| (62) Divisional to Application Number | :NA | 3)Nancy D'souza |
| Filing Date | :NA | |

(57) Abstract :

A method of low-cost automated test assessment. The said method comprises presenting at least one multiple choice question and the plurality of response options for each multiple choice question to the at least one assesses; capturing in video and/or still image or images, from one or more suitable positions, a pre-specified identity indicator of each assesse, and the interaction of the at least one assessee with the plurality of response indicators, each of which represents a different response option to the at least one multiple choice question; analyzing the captured video and/or still image data to extract the response option selected by each assessee and the identity indicator of each assessee; and evaluating the identity of each assessee by comparing extracted identity indicator data to predefined criteria for identification of each assessee, and extracted response option selected by each assessee to pre-defined correct responses.



No. of Pages : 17 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :29/08/2014

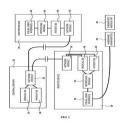
(43) Publication Date : 18/03/2016

(54) Title of the invention : SYSTEM FOR PROVIDING HIGHEST QUALITY MEDICAL ACCESS TO ALL

| (51) International classification | :G06F7/00 | (71)Name of Applicant : |
|---|-----------|---|
| (31) Priority Document No | :NA | 1)Glenn Fernandes |
| (32) Priority Date | :NA | Address of Applicant :Ground Floor, Madhav Baug Brahmin |
| (33) Name of priority country | :NA | Society, Naupada Thane 400602 Maharashtra India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)Dr. Sarita Parikh |
| (87) International Publication No | : NA | 2)Robin Fernandes |
| (61) Patent of Addition to Application Number | :NA | 3)Glenn Fernandes |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A universal healthcare delivery system especially for remote areas, comprising a central server, said server comprising medical database and patient records; one or more portable computing devices like a smartphone or a tablet for health care workers per locale, comprising: a medical database, that contain data of disease causes, signs and symptoms, diagnostic tests, therapeutic interventions; a medical data inputting and displaying interface which is easy to use, highly visual and/or multilingual/cross-lingual; a medical data retrieval module that help in speedy retrieval of data from the medical database pertaining to disease causes, signs and symptoms, diagnostic tests, therapeutic interventions, based on inputs by the user of the system; a networking module which enables communication between the said portable computing device to the Central Server, on any wired or wireless network; and a therapeutic kit with therapeutic measures that can solve locally prevalent medical disorders.



No. of Pages : 11 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :04/09/2014

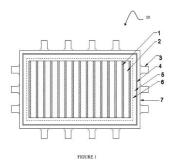
(43) Publication Date : 18/03/2016

(54) Title of the invention : HIGH ENERGY BATTERY PACK FOR ELECTRIC VEHICLE

| | E00E0/00 | |
|---|-----------|---|
| (51) International classification | :E02F9/23 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)DESHMUKH PRASANNA |
| (32) Priority Date | :NA | Address of Applicant :P - 4/5, Information Technology Park, |
| (33) Name of priority country | :NA | MIDC, Satara 415 004, Maharashtra, India. Maharashtra India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)DESHMUKH PRASANNA |
| (87) International Publication No | : NA | 2)MORE SAGAR |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Described herein is a battery pack for electric vehicles, the battery pack comprising a plurality of high energy battery cells assembled in a predefined module along with at least one of a passive and an active cooling system in thermal contact with the module, the module enclosed in a composite material enclosure having internal ribs made of glass fiber reinforce plastic provided at mounting edges of the enclosure. Fig.1



No. of Pages : 16 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :05/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF APIXABAN AND INTERMEDIATES THEREOF

| (51) International classification | :B62H5/20, B62H5/07 :NA | (71)Name of Applicant : 1)UNICHEM LABORATORIES LIMITED |
|--|----------------------------|---|
| (31) Priority Document No(32) Priority Date | :NA :NA | Address of Applicant :UNICHEM BHAVAN, PRABHAT |
| (33) Name of priority country | :NA | ESTATE, OFF. S. V. ROAD, JOGESHWARI (W), MUMBAI - |
| (86) International Application No | :NA | 400 102, MAHARASHTRA, INDIA. Maharashtra India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)DR. DHANANJAY D SATHE |
| (61) Patent of Addition to Application Number | :NA | 2)DR. AMIT C. KHANDEKAR 2)MB. VASHWANT SUDVE |
| Filing Date | :NA | 3)MR. YASHWANT SURVE 4)MR. RAMDAS N. AHIRE |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention refers to an improved process for the preparation of Apixaban. Further, the invention also related to a process for the preparation of intermediate of Apixaban from very basic and cheap row material i.e. Aniline which is widely commercially available. The present invention provides process for preparation of Apixaban using a different sequence of synthetic steps and does not involve use of Ullmann reaction.

No. of Pages : 30 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :05/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : An opaque polyethylene terephthalate composition for packaging photosensitive products

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filed on (62) Divisional to Application Number Filing Date | :C09D 11/322 :NA :NA :NA :PCT// :01/01/1900 : NA :2066/MUM/2010 :01/01/1900 :NA :NA | (71)Name of Applicant : 1)Reliance Industries Limited Address of Applicant :3rd Floor, Maker Chamber IV, 222, Nariman Point, Mumbai - 400 021, Maharashtra, India Maharashtra India (72)Name of Inventor : 1)Ayodhya Srinivasacharya Ramacharya 2)Varadarajan Venkatakrishnan 3)Limaye Chetan Vijay 4)Upadhye Kuldip Suryaprakash 5)Jadimath Shivamurthy Padadayya 6)Nayak Shilpa Girish |
|--|---|--|
|--|---|--|

(57) Abstract :

Khaitan & Co One Indiabulls Centre, 13th Floor 841 Senapati Bapat Marg Elphinstone Road Mumbai 400 013, Maharashtra, India

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

(19) INDIA

(22) Date of filing of Application :28/08/2014

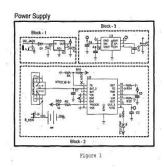
(43) Publication Date : 18/03/2016

(54) Title of the invention : NATURAL BURNER BASED GAS FIRED BOILER/WATER HEATER TEMPERATURE CONTROLLER.

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No | :NA :NA :NA :NA | (71)Name of Applicant : 1)ANLON TECHNOLOGY RESEARCH ORGANIZATION Address of Applicant :101/102-SILVER COIN COMPLEX, OPP. CRYSTAL MALL, KALAWAD ROAD, RAJKOT 360005, (CILLA DAT) NDDA Create Ledia |
|--|---|--|
| Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :NA : NA :NA :NA :NA :NA | (GUJARAT), INDIA. Gujarat India (72)Name of Inventor : 1)MAROLIA VARUNKUMAR VASANTBHAI |

(57) Abstract :

The overall apparatus is divided into two-separate modules a main controller module and the ignition module (sequence controller). These modules are further divided into sub modules according to their functionalities. Both of the modules have their own separate microcontrollers which work together by a simple yet unique communication technique to control the temperature of a boiler with minimum gas consumption. The whole system is able to work either on AC main power through a DC adapter and/or using inbuilt battery backup (standalone). The main controller encompasses the control system, timing functions, the LCD/display module, temperature sensor interface, communication interface for the ignition module and the battery/power management system. The ignition module encompasses an innovative ignition system, solenoid valve driving and a fast and reliable flame sensing technique. The overall system implements a set of algorithms which helps detect or prevent false flame sensing to avoid accidents. The ignition module implements a special hardware using customized components and circuit design to prevent problems of EMI (Electromagnetic Interference) generated due to high voltage (more than 20KV) electrical fields.



No. of Pages : 27 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :28/08/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : IMPROVED PROCESSES FOR MANUFACTURING 4-PHENYL-1-BUTANOL

| (51) International classification(31) Priority Document No | :NA | (71)Name of Applicant : 1)ANLON CHEMICAL RESEARCH ORGANIZATION |
|---|------------|--|
| (32) Priority Date | :NA | Address of Applicant :101/102-SILVER COIN COMPLEX, |
| (33) Name of priority country(86) International Application No | :NA :NA | OPP. CRYSTAL MALL, KALAWAD ROAD, RAJKOT 360005, (GUJARAT), INDIA Gujarat India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)RASADIA PUNITKUMAR RAMESHBHAI |
| (61) Patent of Addition to Application Number | :NA | 2)RAMANI VAIBHAV NARENDRAKUMAR |
| Filing Date | :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

The present invention relates to improved processes for the manufacture of 4-Phenyl-l-Butanol 1, a key starting material for drugs eg, Salmeterol, Pranlukast and their salts. The title compound is also used in flavours, perfumery and fragrances industry. The invention describes innovative use of a novel reducing agent eg, sodium borohydride in the presence of an acid eg, aluminum chloride, borontrifluoride etherate, iodine or Cone. Sulfuric acid etc., for efficient conversion of carboxylic acids or esters to corresponding alcohols. The synthesis starts with readily available and inexpensive starting materials eg, benzene and Y-butyro lactone, has less number of steps and is commercially viable. The invention specifically defines the fingerprint of impurities of the title compound in GC, produced via these methods.

1

No. of Pages : 13 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :02/09/2014

(43) Publication Date : 18/03/2016

| (51) International classification | :B62H5/20, B62H5/04 | (71)Name of Applicant : |
|--|---------------------|---|
| (31) Priority Document No | :NA | 1)Mangesh Dinkarrao Bharati |
| (32) Priority Date | :NA | Address of Applicant : Yashoda Nagar No. 2, Amravati 444606 |
| (33) Name of priority country | :NA | Maharashtra. Maharashtra India |
| (86) International Application No | :PCT// | (72)Name of Inventor : |
| Filing Date | :01/01/1900 | 1)Mangesh Dinkarrao Bharati |
| (87) International Publication No | : NA | |
| (61) Patent of Addition to Application | :NA | |
| Number | :NA | |
| Filing Date | .117 | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | |

(54) Title of the invention : Authority Alert System for Identification of Unauthorized Movement in Security Zone

(57) Abstract :

There should not be any movement in security area after the working hours. If movement is observed after working hours, there may be possibility of unauthorized activity. This activity is monitored by camera and the system sends security alert SMS to authority as well as call is given to the authority. The necessary action must be taken by the authority after receiving call from his secured area. Following invention is described in detail with the help of Figure 1 of sheet 1 showing the block diagram of the system.

No. of Pages : 15 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :02/09/2014

(21) Application No.2789/MUM/2014 A

(43) Publication Date : 18/03/2016

| (31) International :B6 classification :B6 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application :PC No :01/ Filing Date | A | 1)Suraj Nanasaheb Gawande Address of Applicant :LaxmiSadan, plot No. 35 B, Shivganga Colony, Tapovan , Amravati-444602 Maharashtra India (72)Name of Inventor : 1)Suraj Nanasaheb Gawande 2)Amol Rameswhar Bathe |
|--|-------------|--|
| (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number NA | A A A | |

(54) Title of the invention : Travel water bottle chiller with antibacterial effect

(57) Abstract :

Now a dayTMs passengers, visitors, tourists as well as normal peoples depends on pet water bottles (like Bislerie) to quench their thirst. Some where they have to more than MRP. But there is no guarantee about quality of that water. If they are provided with such a technology to protect their pocket money, they can appreciate the product giving huge market to the product and very much help full to the society. With the help of this invention, we are tried to overcome above issue. The invention not only chills the water but also provides antibacterial action on inside water on the go. It incorporates the use of peltier effect to chill or warm the water. Just we have to plug it to the any electrical socket (230vols AC with the help of PSU) and consume power less than laptop. Following invention is described in detail with the help of Figure 1 of sheet 1 showing the front, lateral, top and bottom view of heat pipe heat sink assembly and Figure 2& 3 of sheet 2& 3 showing the constructional details of the water bottle chiller.

No. of Pages : 16 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :29/08/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : IMPROVED REFORMING CATALYST AND A METHOD OF PREPARATION THEREOF

| | | (71)Name of Applicant : |
|---|------------|---|
| (51) International classification | :B01J23/58 | |
| (31) Priority Document No | :NA | Address of Applicant :3rd Floor, Maker Chamber-IV, 222, |
| (32) Priority Date | :NA | Nariman Point, Mumbai-400021, Maharashtra, India. Maharashtra |
| (33) Name of priority country | :NA | India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)SHARMA NAGESH |
| (87) International Publication No | : NA | 2)KUMAR AJAY |
| (61) Patent of Addition to Application Number | :NA | 3)KATRAVULAPALLI SITA RAMA MURTHY VEERA |
| Filing Date | :NA | VENKATA SATYA BHASKARA |
| (62) Divisional to Application Number | :NA | 4)METTU ANILKUMAR |
| Filing Date | :NA | 5)KALPANA GOPALAKRISHNAN |
| | | 6)JASRA RAKSH VIR |

(57) Abstract :

The present disclosure relates to a reforming catalyst composition comprising a modified alumina support having improved catalytic activity and selectivity. The reforming catalyst composition prepared in accordance with the present disclosure has better stability and gives improved yield with respect to C8 and total aromatics with less coke formation. The present disclosure also provides a process for preparing the reforming catalyst composition.

No. of Pages : 25 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :30/08/2014

(43) Publication Date : 18/03/2016

| (54) Title of the invention : AUTOMATIC FOOD COOKING MACHINE | | |
|--|-------------|--|
| | | |
| (51) International classification | :A47J37/04 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)MAHAVIR BABULAL SUTHAR |
| (32) Priority Date | :NA | Address of Applicant :45, RAJDHANI BUNGLOWS, |
| (33) Name of priority country | :NA | RAMVADI , ISANPUR, AHMEDABAD-382443 GUJARAT, |
| (86) International Application No | :PCT// / | INDIA Gujarat India |
| Filing Date | :01/01/1900 | 2)BABULAL DOLATRAM SUTHAR |
| (87) International Publication No | : NA | (72)Name of Inventor : |
| (61) Patent of Addition to Application Number | :NA | 1)BABULAL DOLATRAM SUTHAR |
| Filing Date | :NA | 2)MAHAVIR BABULAL SUTHAR |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention relates to automatic cooking machine, without any human interaction. In the present invention, full Indian dish including roti/paratha, sabji, dhal and rice is processed, cooked and served in dish automatically. In the present invention, all vegetables are chopped and cut automatically as instructed by microcontroller/PLC system. It has about multiple different recipes saved in programme and customized. Food cooking machine is eco-friendly & eco-user. The present invention is self cleaning and sterilizing which is controlled with microcontroller/PLC and all media of communication.

No. of Pages : 28 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :25/08/2014

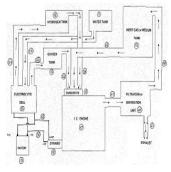
(43) Publication Date : 18/03/2016

(54) Title of the invention : WATER; SOURCE OF FUEL FOR ENGINE(RUN ENGINE IN ABSENCE OF AIR OR IN AIR FREE CONDITIONS WITH WATER AS FUEL

| (51) International classification | :F02D19/08 | (71)Name of Applicant : |
|---|------------|--|
| (31) Priority Document No | :NA | 1)JITENDRA KRISHNARAO PATIL. |
| (32) Priority Date | :NA | Address of Applicant :FLAT NO. 12, VENKATESH |
| (33) Name of priority country | :NA | APARTMENT, 2616A, KHARI CORNER, KOLHAPUR-416 |
| (86) International Application No | :NA | 012, MAHARASHTRA, INDIA. Maharashtra India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)JITENDRA KRISHNARAO PATIL. |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Existing internal combustion engines use fossil fuel or bio-fuel, on combustion produces harmful gases (compounds of carbon, nitrogen, lead, etc. and some of un-burn hydro-carbons) which are harmful to environment and also it is very difficult to run engine in low dense air or oxygen, Water used as source of fuel Hydrogen combust in combustion chamber of I. C. engine in presence of oxygen and the medium used to create pressure on piston on getting heat energy is Noble gases. Exhaust gases of engine contains only water vapor when inert gas recycled. Water vapor is not polluting. Being specific heat of Inert gases is very low compare to air/require energy to rise temperature is low compare to air. Fuel Hydrogen and oxygen also produced by water electrolysis no need of external oxygen for consumption required, so possible to run engine in such condition were percentage of oxygen is low.



No. of Pages : 13 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :28/08/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD AND SYSTEM FOR AUGMENTED REALITY BASED LEARNING, MONITORING AND EVALUATION

| (51) International classification :G09B9/0 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (33) Name of priority country :NA (86) International Application No :NA (87) International Publication No :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA | 0 (71)Name of Applicant : 1)Uday M. Mehta Address of Applicant :Sai Villa, Lakaki Road, Model Colony, Pune 411016, Maharashtra, India Maharashtra India (72)Name of Inventor : 1)Uday M. Mehta |
|---|--|
|---|--|

(57) Abstract :

A method and system for augmented reality based learning is disclosed which aims to provide assistance to improve both quality of training and distribution of knowledge in a distance learning situation by amalgamating most of the five sensory perceptions had by a human user thereby resulting in a holistic learning experience. Further disclosed are features of said method and system which allow monitoring and evaluation of the user accessing said system.

No. of Pages : 28 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :20/08/2014

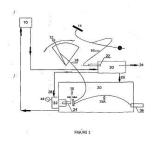
(43) Publication Date : 18/03/2016

(54) Title of the invention : HYDRAULICALLY OPERATED TRAILER BRAKE SYSTEM

| (51) International classification(31) Priority Document No(32) Priority Date | :NA :NA | (71) Name of Applicant : 1)MAHINDRA & MAHINDRA LIMITED Address of Applicant :GATEWAY BUILDING, APOLLO |
|--|-------------|---|
| (33) Name of priority country(86) International Application No | :NA :NA | BUNDER, MUMBAI - 400001, MAHARASHTRA, INDIA. Maharashtra India |
| Filing Date (87) International Publication No | :NA : NA | (72)Name of Inventor : 1)PRASHANT ANANT GAJENDRAGADKAR |
| (61) Patent of Addition to Application Number | :NA :NA | I)PRASHANI ANANI GAJENDRAGADRAR |
| Filing Date (62) Divisional to Application Number | :NA :NA | |
| Filing Date | :NA | |

(57) Abstract :

A hydraulic trailer brake system operated by the tractor's own hydraulic system and that, too, without a separate trailer brake control valve. The trailer brake system includes a hydraulic control valve equipped with an isolating valve for prioritizing of fluid flow either to trailer brake outlet or for implement operation. The hydraulic tractor brake system comprises: a hydraulic pump; a brake pedal; a draft lever; the tractor hydraulic system includes a hydraulic control valve, a combination of isolating valve and shut-off valve and a draft plunger; a plurality of linkages are provided for connecting and actuating the brake pedal, the draft plunger, the draft lever and the hydraulic control valve. A gap configured between the draft lever-hydraulic control valve linkage and the hydraulic control valve is adjusted by using draft lever for facilitating the synchronization of the tractor and trailer brake systems.



No. of Pages : 19 No. of Claims : 7

(22) Date of filing of Application :21/08/2014

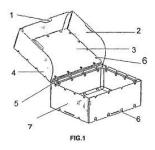
(43) Publication Date : 18/03/2016

(54) Title of the invention : THREE LAYERED SAFE BOXES FOR TRANSPORT OF AGRICULTURE PRODUCTS

| (51) International classification | | (71)Name of Applicant : |
|--|------------|--|
| (31) Priority Document No(32) Priority Date | :NA :NA | 1)RSG INSTITUTE OF RESEARCH & DEVELOPMENT PVT. LTD. |
| (33) Name of priority country | :NA | Address of Applicant :OFFICE NO. 3 & 4, SANGAM |
| (86) International Application No | :NA | PROJECT I, 46 DR. AMBEDKAR ROAD, PUNE 411001, |
| Filing Date | :NA | MAHARASHTRA, INDIA. Maharashtra India |
| (87) International Publication No | : NA | (72)Name of Inventor : |
| (61) Patent of Addition to Application Number | :NA | 1)DR. KALYANA SUNDARAM |
| Filing Date | :NA | 2)MR. KAMAL GHOSH |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention provides a three layered safe boxes for transportation of agricultural product comprising, a box with a lid, the lower storage space, the lid having a locking arrangement and the storage space and the lid having plurality of flow apertures. The lid and the lower storage space are combination of corrugation flutes with a film of poly propylene and inner layer of expanded polystyrene. The surface of the inner polystyrene interior is shaped to accommodate shocks during transit or accidental drop of the box customized with a specially designed profile to dissipate shock energy received. The plurality of flow apertures through which the breathing rate for different agricultural produce is adjusted, resulting in an enhancement of shelf life or optimization thereof.



No. of Pages : 9 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :27/08/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : EFFECT OF DUAL LENS AS CONCENTRATOR ON HARNESSING SOLAR ENERGY :F24J2/06 (71)Name of Applicant : (51) International classification **1)RITIK SHAILENDRA DUBEY** (31) Priority Document No :NA (32) Priority Date Address of Applicant :17, INDRAPRASTH COLONY, NEAR :NA (33) Name of priority country STADIUM, POST OFFICE-VIDYANAGARI, WALWADI-:NA (86) International Application No DHULE-424005, MAHARASHTRA, INDIA. Maharashtra India :NA (72)Name of Inventor: Filing Date :NA (87) International Publication No : NA **1)RITIK SHAILENDRA DUBEY** (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

Solar heat produced by sun is one of the best sources of energy. It is non conventional that is never ending source of energy. Sunlight is available directly free of cost and without any obstruction. Morever, it is cost effective, healthy and germ free. India is a vast source of solar energy. Therefore it is necessary to develop new and effective methods to harness it in an effective way. By using double concentrators it is noted that there is significant increase in temperature of water in comparison to single concentrator and simple glass top. Thus by using double concentrators we can utilize solar energy to its maximum even in less sunny, cloudy and humid climate. Moreover, the water boiled using solar heat makes the skin shining, glowing and germ free. Thus by using double concentrators heating will get faster which will save time as weii as money moreover it will facilitate cooking.

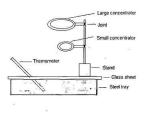


Fig.1 Line diagram of experimental set-up

No. of Pages : 9 No. of Claims : 1

(19) INDIA

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : MODULAR ELECTROMECHANICAL ACTUATOR WITH BALL/ROLLER SCREW

| (51) International classification | ·F16D55/00 | (71)Name of Applicant : |
|---|------------|---|
| (31) Priority Document No | :NA | 1)TATA POWER CO. LTD STRATEGIC ENGINEERING |
| (32) Priority Date | :NA | DIVISION |
| (33) Name of priority country | :NA | Address of Applicant : TATA POWER CO. LTD |
| (86) International Application No | :NA | STRATEGIC ENGINEERING DIVISION 42 - OFF SAKI |
| Filing Date | :NA | VIHAR ROAD, ANDHERI (E) MUMBAI - 72 Maharashtra India |
| (87) International Publication No | : NA | (72)Name of Inventor : |
| (61) Patent of Addition to Application Number | :NA | 1)SAMIR AGRAWAL |
| Filing Date | :NA | 2)SACHIN MHASHELKAR |
| (62) Divisional to Application Number | :NA | 3)SIDDHESH KANADE |
| Filing Date | :NA | 4)G.N. DESHPANDE |

(57) Abstract :

Electro-Mechanical (EM) Actuators are known to comprise of telescopic inner tube and outer tube relatively movable against each other with Roller screw/Ball Screw with nut to reduce friction and backlash. Usual design of these actuators does not allow easy removal/replacement of any of the functional components of the modular EM actuator such as screw and nut which have to be replaced as a pair, spiral gear box, inner tube assembly, outer tube assembly, etc. without substantial dismantling of whole mechanism. Practically, it is neither feasible to repair a damaged subassembly in-situ or at site, nor economically viable to replace the entire actuator in case of partial failure. The present invention provides an improved actuator wherein each of its above mentioned functional subassembly is constructed as a module and the actuator is an assembly of individual modules that can be easily assembled during manufacture and reconfigured during repairs.



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

(19) INDIA

(22) Date of filing of Application :28/08/2014

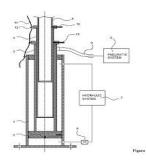
(43) Publication Date : 18/03/2016

(54) Title of the invention : INFINITELY VARIABLE, HEIGHT ADJUSTABLE, HYBRID POWERED, TELESCOPIC MAST.

| | A 47D0/04 | |
|---|-----------|---|
| (51) International classification | :A47B9/04 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)TATA POWER CO. LTD STRATEGIC ENGINEERING |
| (32) Priority Date | :NA | DIVISION |
| (33) Name of priority country | :NA | Address of Applicant : TATA POWER CO. LTD, |
| (86) International Application No | :NA | STRATEGIC ENGINEERING DIVISION, 42-OFF SAKI |
| Filing Date | :NA | VIHAR ROAD, ANDHERI (E), MUMBAI-400 072, |
| (87) International Publication No | : NA | MAHARASHTRA, INDIA. Maharashtra India |
| (61) Patent of Addition to Application Number | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)KISHOR KUMAR |
| (62) Divisional to Application Number | :NA | 2)VASANT JOSHI |
| Filing Date | :NA | |

(57) Abstract :

Pneumatic telescopic masts are known for their inherent simplicity, lightness and quickness of operations. However the masts can have discrete operational heights which make them unsatisfactory for certain applications requiring infinitely variable height adjustments. The present invention provides an hybrid multi stage telescopic mast of which all but one stages are pneumatically operated in combinations to contribute to the operative height by fixed quanta; and one stage is operated by electro-mechanical or hydraulic means to contribute an infinite variable height to the operative height allowing the operator to have infinitely variable total height of the mast in its entire stroke range.



No. of Pages : 16 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :01/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : AN INDUSTRIAL METHOD FOR PREPARING READY-TO-COOK FOOD COMPOSITION

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filed on (62) Divisional to Application Number | :F02B63/04, F02B67/06 :NA :NA :NA :PCT// :01/01/1900 : NA :1203/MUM/2009 :01/01/1900 :NA | (71)Name of Applicant : 1)MTR FOODS PVT.LTD. Address of Applicant :No.1, 2nd & 3rd Floor, 100ft Inner Ring Road, Opposite Koramangala Oasis Mall, Ejipura, Ashwini Layout, Vivekanagar SO, Bangalore-560 047, Karnataka India Karnataka India (72)Name of Inventor : 1)CHORDIA, Dhanyakumar |
|--|---|--|
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

The present disclosure provides an industrial process for preparing a ready-to-cook food composition made from moth beans. The ready-to-cook food composition comprises dehydrated sprouted moth beans, crispy golden fried onion, bay leaves, cardamom black, cassia , byadgi chilli, clove, dry coconut, coriander, cumin, pepper black, star aniseed, turmeric, lichen, fennel, sesame seeds, dehydrated garlic, dry ginger, dehydrated onion flakes, jaggery powder, salt, tomato powder, corn starch powder, and paprika oleoresin.

No. of Pages : 31 No. of Claims : 9

(22) Date of filing of Application :01/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : A FUEL VAPOR EMISSION CONTROL SYSTEM WITH A MOUNTING ARRANGEMENT THEREFOR

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No | :PCT// :01/01/1900 : NA | (71)Name of Applicant : 1)MAHINDRA TWO WHEELERS LIMITED Address of Applicant :D1 Block, Plot No. 18/2 (Part), MIDC, Chinchwad, Pune - 411 019 Maharashtra, India. Maharashtra India (72)Name of Inventor : 1)NADAF ASIM TAJUDDIN 2)AGASHE UMESH PADMAKAR |
|---|-------------------------------|--|
| (61) Patent of Addition to Application Number | | 3)BALASUBRAMANIAN VISWANATHAN |
| Filing Date (62) Divisional to Application Number | :NA :2848/MUM/2013 | 4)PRABHUNE HEMANT NARAYAN |
| Filed on | :02/09/2013 | |

(57) Abstract :

A fuel vapor emission control system for controlling emission of fuel vapor from a fuel tank of a vehicle includes a purge valve, a suction arrangement and an intake manifold. The system further includes a canister mounted on a frame of vehicle and positioned in proximity to intake manifold above an operative front end of a rear fender adjoining the frontal end of fuel tank, beneath a storage case supported by frame and disposed in between a pair of side covers of vehicle such that canister is aligned normal to the fore and aft direction of vehicle and securely surrounded by at least two elements selected from rear fender, fuel tank, storage case and pair of side covers. The canister is fitted online between fuel tank and intake manifold and receives air from the atmosphere and fuel vapor from fuel tank.

No. of Pages : 25 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :28/08/2014

(54) Title of the invention : A PROCESS FOR CRYSTALLIZING POLYESTER CHIPS BY IR LAMPS

| | | (71)Name of Applicant : |
|---|-----------|---|
| (51) International classification | :C08J3/28 | 1)RELIANCE INDUSTRIES LIMITED |
| (31) Priority Document No | :NA | Address of Applicant :3rd Floor, Maker Chamber-IV, 222, |
| (32) Priority Date | :NA | Nariman Point, Mumbai-400021, Maharashtra, India. Maharashtra |
| (33) Name of priority country | :NA | India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)AYODHYA SRINIVASACHARYA RAMACHARYA |
| (87) International Publication No | : NA | 2)KHARE ACHAL SARAN |
| (61) Patent of Addition to Application Number | :NA | 3)VARADARAJAN VENKATAKRISHNAN |
| Filing Date | :NA | 4)LIMAYE CHETAN VIJAY |
| (62) Divisional to Application Number | :NA | 5)JOSHI PRADNYESH VINAYAK |
| Filing Date | :NA | 6)SUDAN PUSHAP |
| | | 7)JADIMATH SHIVAMURTHY PADADAYYA |

(57) Abstract :

A process for crystallizing polyester chips having amorphousness greater than 90% is disclosed the process comprising the steps of: providing polyester chips; introducing the polyester chips into an operative-inlet of a conveying system on to a conveyor belt, wherein a plurality of infrared lamps (IRL) is disposed in proximity to the conveyor belt, for heating the polyester chips; and collecting the infrared heated polyester chips from an operative-outlet end of the conveying system; wherein at least one factor is controlled: a speed of conveyor belt; a heat emission rate of the IRL; number of the IRLs; and residence time of the polyester chips on the conveyor belt; during transit of the polyester chips such that heating of the polyester chips by the infrared lamps transforms at least some of the polyester chips from amorphous to crystalline form with a degree-of-crystallization upto 50%.

No. of Pages : 16 No. of Claims : 8

(22) Date of filing of Application :03/09/2014

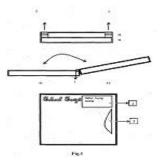
(43) Publication Date : 18/03/2016

(54) Title of the invention : SCHOOLSCRIPT

| (51) International classification | :F02B63/04, F02B67/08 | (71)Name of Applicant : |
|---|-----------------------|--|
| (31) Priority Document No | :NA | 1)VAIDYA SUYOG SHARAD |
| (32) Priority Date | :NA | Address of Applicant :506, DHAVALGIRI SOCIETY, |
| (33) Name of priority country | :NA | IVORY ESTATE, BANER ROAD, PUNE 411008, |
| (86) International Application No | :NA | MAHARASHTRA, INDIA. Maharashtra India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)VAIDYA SUYOG SHARAD |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention relates to an electronic notebook for school children to preserve the art of writing in a natural way. More particularly, the invention relates to an electronic notebook which is to be used by school students, following the currently prevalent educational patterns in most countries. Lightweight portable electronic book of the present invention enables user to write, draw, scribble, erase, read, save, retrieve, edit and optionally transfer the handwritten notes to another device or server.



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

(19) INDIA

(22) Date of filing of Application :03/09/2014

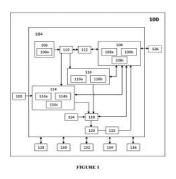
(43) Publication Date : 18/03/2016

:B62H5/20, B62H5/06 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)KANADE RUPA NILESH :NA (32) Priority Date Address of Applicant : Junun Bunglow, Plot No. 70, S. No. 1, :NA (33) Name of priority country Amchi Colony, Bavdhan, Pune 411021, Maharashtra, India. :NA (86) International Application No Maharashtra India :NA Filing Date :NA 2)KANADE NILESH SATISH (87) International Publication No : NA (72)Name of Inventor : (61) Patent of Addition to Application **1)KANADE RUPA NILESH** :NA Number 2)KANADE NILESH SATISH :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : A COMPUTER IMPLEMENTED HEALTH RECORD SYSTEM AND A METHOD THEREOF

(57) Abstract :

A computer implemented personalized health record system and method is envisaged. The system provides smart cards to profile registrants on registration, which are associated with the profile registrants[™] health records and have a unique identification number corresponding to every profile registrant. The system stores profile registrants[™] information along with their health records and demographic information and associates it with their corresponding unique identification numbers. The demographic information can be edited/ updated by a profile registrant on successful authentication. When a profile registrant visits a health facility/laboratory, after successful two level authentications, an authenticated health registrant is able to access health records of the authenticated profile registrant and medical history along with profile registrantTMs demographic information in order to provide a better diagnosis/treatment. Any treatment details after the diagnosis and/or prescription provided by the physician and the test results from the laboratory are then updated in the system through a network. Fig.1



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

(19) INDIA

(22) Date of filing of Application :20/08/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : ANTI-LOCKING ELECTROMECHANICAL OUTRIGGER

| (51) International classification | :G05D1/00 | (71)Name of Applicant : |
|---|-----------|---|
| (31) Priority Document No | :NA | 1)TATA POWER CO. LTD, STRATEGIC ENGINEERING |
| (32) Priority Date | :NA | DIVISION |
| (33) Name of priority country | :NA | Address of Applicant : TATA POWER CO. LTD, |
| (86) International Application No | :NA | STRATEGIC ENGINEERING DIVISION 42, OFF SAKI |
| Filing Date | :NA | VIHAR ROAD ANDHERI-E MUMBAI-72. Maharashtra India |
| (87) International Publication No | : NA | (72)Name of Inventor : |
| (61) Patent of Addition to Application Number | :NA | 1)SAMIR AGRAWAL |
| Filing Date | :NA | 2)SACHIN MHASHELKAR |
| (62) Divisional to Application Number | :NA | 3)KISHOR KUMAR V. |
| Filing Date | :NA | 4)G.N. DESHPANDE |

(57) Abstract :

Electro mechanical outriggers and similar actuators employ limit switches to cut off power when the travelling nut reaches the ends of its operating strokes to prevent accidental overtravel. Failure of a limit switch or its associated components can make an outrigger prone to getting jammed after extending or retracting to its extreme limits and which could also result in damage of drive components. This invention relates to use of resilient high impact buffers of certain specifications that are placed around the screw at one or both ends of the moving nut. The buffers protect the drive components from damage in case of any over travelling of the nut, and also enables the motor to release the locked nut from the buffers within the limits of system^{TMs} rated torque if any overtravel occurs.

Figure

No. of Pages : 17 No. of Claims : 6

(19) INDIA

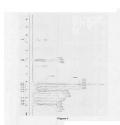
(22) Date of filing of Application :19/08/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : IVABRADINE CYCLAMATE

(57) Abstract :

The present invention relates to novel ivabradine cyclamate salt and process for the preparation thereof.



No. of Pages : 30 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :19/08/2014

(43) Publication Date : 18/03/2016

| (54) Title of the invention : ANAEROBIC MEMBRANE BIOREACTOR SYSTEM | | | |
|--|------------|--|--|
| | | | |
| (51) International classification | :C02F11/04 | (71)Name of Applicant : | |
| (31) Priority Document No | :NA | 1)THERMAX LIMITED | |
| (32) Priority Date | :NA | Address of Applicant :D-13, MIDC Industrial Area, R.D. Aga | |
| (33) Name of priority country | :NA | Road, Chinchwad, Pune - 411019, Maharashtra, India. | |
| (86) International Application No | :NA | Maharashtra India | |
| Filing Date | :NA | (72)Name of Inventor : | |
| (87) International Publication No | : NA | 1)SONDE RAMAKRISHNA RAMANATH | |
| (61) Patent of Addition to Application Number | :NA | 2)KALYAN RAMAN VENKATRAMAN | |
| Filing Date | :NA | 3)BORNARE JANARDHAN BHIKAJI | |
| (62) Divisional to Application Number | :NA | | |
| Filing Date | :NA | | |

(57) Abstract :

An anaerobic membrane bioreactor system (100) and method thereof is disclosed. The system (100) comprises an anaerobic bioreactor (106) in fluid communication with a membrane separation unit (116). The system (100) includes a feed line (124) connecting at a location proximal to the operative bottom of the bioreactor (106) for conveying an influent, a bioreactor effluent line (126) connecting a location proximal to the operative top of the bioreactor (106) and an inlet to the membrane separation unit (116) for conveying the bioreactor effluent, and a membrane retentate line (128) connecting retentate outlet of the membrane separation unit (116) to at least one functional element selected from the feed line (124), the bioreactor effluent line (126), and operative top of the bioreactor (106), for conveying at least a portion of a retentate stream. Fig.1

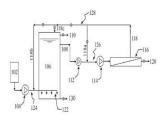


Fig.1

No. of Pages : 28 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :01/09/2014

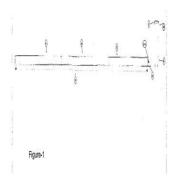
(43) Publication Date : 18/03/2016

(54) Title of the invention : FIRE CRACKER SAFETY LIGHTER DEVICE

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date | :C07D471/04, A61K31/439 :NA :NA :NA :NA :NA :NA :NA :NA | (71)Name of Applicant : 1)BAWA JAGJEET KUMAR Address of Applicant :HOUSE NO. 5, BEHIND JABALPUR GOODS GARAGE, SURABARDI TAKIYA NAGPUR 440023 (MS). Maharashtra India (72)Name of Inventor : 1)BAWA JAGJEET KUMAR |
|---|---|---|
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

Several accidents are caused every day due to immediate explosion from close proximity of Crackers & other explosives. A Fire cracker safety lighter stick can be held by the igniter from one end & the other end can be used to ignite cracker or other such inflammable item. An unbreakable pot in which the fire crackers can be placed and ignited from out side. Such a device increases the distance between igniter & explosive, thus reducing the risks associated with immediate explosion drastically.



No. of Pages : 12 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :26/08/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : EXTRACTS OF DRY LEAVES AND FLOWERS OF HOMONOIA RIPARIA.

| (51) International classification(31) Priority Document No(32) Priority Date | :A61K36/47 :NA :NA | (71)Name of Applicant : 1)ST. XAVIER'S COLLEGE Address of Applicant :5, MAHAPALIKA MARG, OPP. |
|--|--------------------------|--|
| (33) Name of priority country | :NA | DHOBI TALAV, MUMBAI, PIN 400 001, MAHARASHTRA, |
| (86) International Application No | :NA | INDIA Maharashtra India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)DR. (MRS.) BAPAT UJWALA CHINTAMANI |
| (61) Patent of Addition to Application Number | :NA | 2)MS. MHAPSEKAR DEEPALI RAVINDRA |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention concerns particular extracts of Homonoia riparia. The invention relates to the finding that Homonoia riparia derived active agents are present in extracts of the dry leaves and male flowers. The invention further concerns pharmaceutical compositions containing said extracts and the use of extracts in the medical fields for application in the treatment of dermatopyte T. mentagrophytes. The details of one or more embodiments of the inventions are set forth in the description below. Other features, objects and advantages of the invention will be apparent from following description including claims.

No. of Pages : 11 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :07/09/2012

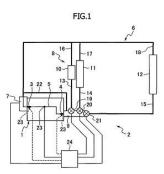
(43) Publication Date : 18/03/2016

| (51) International classification | :F02D | (71)Name of Applicant : |
|---|-------------|---|
| (31) Priority Document No | :2011- | 1)SUZUKI MOTOR CORPORATION |
| (01) 11101119 2 00 000000110 | 237582 | Address of Applicant :300 Takatsuka-cho Minami-ku |
| (32) Priority Date | :28/10/2011 | Hamamatsu-shi Shizuoka-ken Japan Japan |
| (33) Name of priority country | :Japan | (72)Name of Inventor : |
| (86) International Application No | :NA | 1)Shunsuke YAMANA |
| 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 | |

(54) Title of the invention : WARM-UP SYSTEM FOR VEHICLE ENGINE •

(57) Abstract :

[Problems] The present invention aims to make it possible to speed up the warm-up of an engine in a cold state and also to make it possible to prevent deterioration of accuracy in the detection of the cooling water temperature. [Means for Solving the Problem] A warm-up system of the present invention comprises: an intake part for cooling water; a discharge part for cooling water; an inside-engine cooling-water passage; a circulating passage through which the cooling water discharged through the discharge part returns to the intake part, the circulating passage including a water pump, vehicle equipment, and a thermocase, the thermocase including a block valve blocking the cooling water from flowing into a supplying passage under a predetermined condition; a bypass passage through which the cooling water passed through the inside-engine cooling-water passage returns to the pump; a sensor detecting a temperature of cooling water inside the engine; and a controller controlling the block valve so as to block the cooling water from flowing into the supplying passage and allow the cooling water to flow only through the bypass passage if the temperature detected by the sensor is lower than a first predetermined temperature. [Selected Drawing] Fig. 1



No. of Pages : 34 No. of Claims : 4

(22) Date of filing of Application :20/08/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : DEVICE FOR PERFORMING A CHEMICAL TRANSFORMATION IN FLUIDIC MEDIA

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No | :B01J 19/18 :61/337,915 :12/02/2010 :U.S.A. :PCT/EP2011/052050 :11/02/2011 : NA | (71)Name of Applicant : 1)NORDIC CHEMQUEST AB Address of Applicant :Tvistevgen 48 PO Box 7958 S-907 19 Umea Sweden Sweden (72)Name of Inventor : 1)PERSSON Jonas 2)-BERG Kjell |
|---|---|--|
| (86) International Application No Filing Date | :11/02/2011 | 1)PERSSON Jonas |

(57) Abstract :

A device is provided for performing chemical transformation in a fluid, with a flow distributor (11) having at least one fluid medium inlet (11), at least one fluid medium outlet (15), and at least one confinement (13) wherein the chemical transformation is performed; and a means for rotating, rocking, wagging, or oscillating the device. At least one confinement may be equipped with a provision for providing heat, cooling, sound, light or other types of radiation, such provision being contacted to an external source through an actuator shaft (14). The flow distributor (11) may be provided with sectors connected with the centrally located fluid medium inlet (12) and a designated peripheral fluid medium outlet (15). The means for rotating, rocking, wagging, or oscillating the device may be an element producing magnetic fields or a shaft (14) mechanically connected to an external actuating device.

No. of Pages : 38 No. of Claims : 36

(19) INDIA

(22) Date of filing of Application :20/08/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD OF DETECTING PORK IN PROCESSED FOOD AND DETECTION KIT THEREFOR (51) International classification :G01N 33/53 (71)Name of Applicant : (31) Priority Document No 1)TANAKA KIKINZOKU KOGYO K.K. :2010-034120 (32) Priority Date Address of Applicant : Tokyo Building 7-3 Marunouchi 2-:18/02/2010 (33) Name of priority country chome Chiyoda-ku Tokyo 100-6422 Japan Japan :Japan (86) International Application No :PCT/JP2011/053438 (72)Name of Inventor : Filing Date :18/02/2011 1)Yuhiro SAKAKIBARA (87) International Publication No : NA 2)Tatsuva SHUTO (61) Patent of Addition to Application 3)Hisahiko IWAMOTO :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

[Object] To provide preparation of an ingredient derived from a specimen optimal for detecting by immunoassay pork in heated food with high performance and high sensitivity without causing non specific reaction, a convenient and high-accuracy detection method using a polyclonal antibody obtained by using the ingredient, and a detection kit therefor. [Solution] When a target to be detected in a sample, pork-derived protein in . heat-processed food, is detected . by immunochromatography, a polyclonal antibody specifica.lly recognizing a protein of approximately 23 kD (molecular weight: 23000) contained in heat-treated pork is used as at least one or both detection antibodies. [Selected Figure] None

No. of Pages : 46 No. of Claims : 5

(22) Date of filing of Application :20/08/2012

(43) Publication Date : 18/03/2016

| (51) International classification | :H04L 1/18 | (71)Name of Applicant : |
|--|--------------------|--|
| (31) Priority Document No | :201010105029.8 | 1)CHINA MOBILE COMMUNICATIONS |
| (32) Priority Date | :02/02/2010 | CORPORATION |
| (33) Name of priority country | :China | Address of Applicant :29 Jinrong Ave. Xicheng District |
| (86) International Application No | :PCT/CN2011/000187 | Beijing 100032 China China |
| Filing Date | :31/01/2011 | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)JIANG Dajie |
| (61) Patent of Addition to Application | :NA | 2)LIU Guangyi |
| Number | | 3)ZHANG Yong |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | l |

(54) Title of the invention : METHOD AND DEVICE FOR SCHEDULING DOWNLINK SUBFRAMES

(57) Abstract :

A method and device for scheduling downlink subframes are disclosed in the embodiments of the present invention in which a control section of one subframe schedules data sections of one or more other subframes making it possible to greatly save an overhead of control signaling to thereby have more resources for transmission of data and improve the performance of a system as compared with traditional scheduling of a single subframe.

No. of Pages : 33 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :21/08/2012

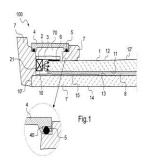
(43) Publication Date : 18/03/2016

| (51) International classification | :B60Q 3/02 | (71)Name of Applicant : |
|--|--------------------|---|
| (31) Priority Document No | :1050521 | 1)SAINT-GOBAIN GLASS FRANCE |
| (32) Priority Date | :26/01/2010 | Address of Applicant :18 Avenue dAlsace F-92400 |
| (33) Name of priority country | :France | Courbevoie France France |
| (86) International Application No | :PCT/FR2011/050125 | (72)Name of Inventor : |
| Filing Date | :24/01/2011 | 1)KLEO Christophe |
| (87) International Publication No | : NA | 2)GRANDGIRARD Bastien |
| (61) Patent of Addition to Application | .NT A | 3)RICHARD ALEXANDRE |
| Number | :NA | 4)VERRAT-DEBAILLEUL Ad"le |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | |

(54) Title of the invention : LUMINOUS VEHICLE GLAZING AND MANUFACTURE THEREOF •

(57) Abstract :

The present invention relates to a luminous vehicle glazing comprising: - a first sheet of mineral or organic glass (1) having a first main face (11) and a second main face (12) and an edge (10), - a peripheral light source (2) with an emitting face (21), facing what is called the injection edge (10) or what is called an injection side, - guided-light extraction means, - an added peripheral functional element (7), bonded to the first sheet, which is fluid-tight, of at least one cavity (70) for placing the source, - a covering element (4) for covering the cavity (70) and the source (2), which is fluid-tight, in particular impermeable to liquid water or even water vapor, which is selected from: - a cap (4) combined with an interfacial element (5), for interfacial fluid-tightness, in particular impermeable to liquid water or even water vapor which is arranged - a fluid-tight sealing mastic (4^{TM}) covering the source and sealing the added functional element (7). The invention also relates to the manufacture of this glazing. Abstract figure: Figure 1



No. of Pages : 70 No. of Claims : 23

(19) INDIA

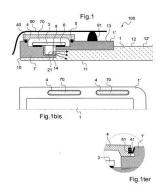
(22) Date of filing of Application :21/08/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : FLASHING GLASS PANEL FOR A VEHICLE AND METHOD FOR MANUFACTURING SAME • (51) International classification :B60Q 3/02 (71)Name of Applicant : (31) Priority Document No :1050526 1)SAINT-GOBAIN GLASS FRANCE (32) Priority Date :26/01/2010 Address of Applicant :18 Avenue dAlsace F-92400 (33) Name of priority country Courbevoie France France :France (86) International Application No :PCT/FR2011/050126 (72)Name of Inventor : Filing Date 1)KLEO Christophe :24/01/2011 (87) International Publication No : NA 2)GRANDGIRARD Bastien (61) Patent of Addition to Application **3)RICHARD** Alexandre :NA Number 4) VERRAT-DEBAILLEUL Ad"le :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention relates to a luminous vehicle glazing (100) comprising: - a first sheet - a peripheral light source, the emitting face facing a side of the second face (12) called injection side - means for extracting the guided light via the first and/or the second main face, which are surface diffusion means of the first and/or the second main face (12TM) or volume diffusion means in the first sheet, - a fluid-tight cap (4) for covering the source (2), impermeable in particular to liquid water or even water vapor, - the cap (4), called a facial cap, that is to say, essentially facing the second face, joined by fastening means and associated with an interfacial element (5), for the fluid-tight interfacial sealing. Abstract figure: Figure 1.



No. of Pages : 47 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :21/08/2012

(43) Publication Date : 18/03/2016

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application | :12/11/2010 : NA | (71)Name of Applicant : 1)PANASONIC CORPORATION Address of Applicant :1006 Oaza Kadoma Kadoma-shi Osaka 571-8501 Japan Japan (72)Name of Inventor : 1)ITOU Kenji 2)MATSUMURA Katsumi 3)KUROKI Yoshiki |
|---|---------------------|--|
| (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :NA :NA :NA | |
| Filing Date | :NA | |

(54) Title of the invention : AIR SUCTION/INJECTION DEVICE AND VACUUM CLEANER COMPRISING THE SAME •

(57) Abstract :

The present invention provides a technology, which is capable of easily switching between the vacuum function and the blower function of the vacuum cleaner with a simple configuration, and is also capable of effectively utilizing the blower function even in the various situations. Typical air suction/injection device (10A) is configured that the interior of the main unit (111) constitutes a main passage (101) of air, and the interior of an injection passage section (112) provided in the main body (111) constitutes a sub-passage (102). Once a suctioned airstream is created in the main passage (101), a power fan (114b) inside of a suction chamber (115) is rotated, and in conjunction with such a rotation, an injection fan (114a) is rotated so that an injecting airstream is created in the sub-passage (102). In such case, a passage switching section composed of a valve member (116) provided in the location of joining the main passage (101) and the sub-passage (102) is switched to easily switch between a creation of an injecting airstream and a creation of a suctioned airstream.

No. of Pages : 112 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :21/08/2012

(43) Publication Date : 18/03/2016

| (51) International classification | :F16H 57/04 | (71)Name of Applicant : |
|--|--------------------|--|
| (31) Priority Document No | :2010-082491 | 1)AISIN AW CO. LTD |
| (32) Priority Date | :31/03/2010 | Address of Applicant :10 Takane Fujii-cho Anjo-shi Aichi |
| (33) Name of priority country | :Japan | 444-1192 Japan Japan |
| (86) International Application No | :PCT/JP2011/054360 | (72)Name of Inventor : |
| Filing Date | :25/02/2011 | 1)SHIBAYAMA Yoshinori |
| (87) International Publication No | : NA | 2)TSUNEMATSU Ko |
| (61) Patent of Addition to Application | :NA | 3)ISHIKAWA Tomoyuki |
| Number | | 4)ITO Tatsuaki |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | 1 |

(54) Title of the invention : POWER TRANSMISSION DEVICE •

(57) Abstract :

There is provided a catch tank 80, an oil passage 82 which supplies lubricating oil of the catch tank 80 to a bearing 62a, a ceiling portion 21b which receives the lubricating oil scooped up by a differential ring gear 65 and guides it to the catch tank 80, and an oil passage 84 which guides the lubricating oil, discharged from an oil pump, to the catch tank 80. Because of this, it is possible to prevent the lubricating oil supplied to the bearing 62a from running short even when either the lubricating oil arriving at the catch tank 80 via the ceiling portion 21b by being scooped up by the differential ring gear 65, or the lubricating oil discharged from the oil pump and guided to the catch tank 80 by the oil passage 84, is small in amount.

No. of Pages : 31 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :27/01/2011

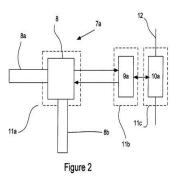
(43) Publication Date : 18/03/2016

| (51) International classification | :G06F3/01 | (71)Name of Applicant : |
|--|--------------------|---|
| (31) Priority Document No | :12/164,587 | 1)NOKIA CORPORATION |
| (32) Priority Date | :30/06/2008 | Address of Applicant : Keilalahdentie 4 FIN-02150 Espoo |
| (33) Name of priority country | :U.S.A. | Finland Finland |
| (86) International Application No | :PCT/FI2009/050523 | (72)Name of Inventor : |
| Filing Date | :16/06/2009 | 1)Tapani Ryhnen |
| (87) International Publication No | :WO/2010/000925 | 2)Zoran Radivojevic |
| (61) Patent of Addition to Application | :NA | 3)Mikko Uusitalo |
| Number | :NA | |
| Filing Date | INA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | 1 |

(54) Title of the invention : APPARATUS COMPRISING A DEFORMABLE STRUCTURE

(57) Abstract :

An apparatus includes a deformable structure in which a neural network comprising a plurality of deformation sensors (8a, 8b), e.g. nanowire sensors, and distributed in-situ processing circuits (9a, 10a). The circuits generate a signal characterising features of the local deformation of the structure and/or a command signal corresponding to the detected deformation. The structure may be a wearable sleeve that conforms to deformations of a users skin, part of an electronic device, such as a touch sensitive screen, or an object in itself. The apparatus can provide a user interface wherein a command corresponding to a current shape of the structure is generated and acted upon by a integrated or remote device, or a device for monitoring a users position or movement e.g. for replication by a robotic device. The apparatus may have machine learning capability to improve the matching of commands with determined shapes of the deformable structure.



No. of Pages : 39 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :24/08/2012

(43) Publication Date : 18/03/2016

| :H01H | (71)Name of Applicant : |
|--------------------|--|
| :12/716,834 | 1)SCHNEIDER ELECTRIC USA INC. |
| :03/03/2010 | Address of Applicant :1415 S. Roselle Road Palatine Illinois |
| :U.S.A. | 60067 United States of America. U.S.A. |
| :PCT/US2011/026845 | (72)Name of Inventor : |
| :02/03/2011 | 1)SIEBELS Randall L. |
| : NA | 2)VOLESKY Gary A. |
| •NI A | |
| | |
| :NA | |
| :NA | |
| :NA | |
| | :03/03/2010 :U.S.A. :PCT/US2011/026845 :02/03/2011 : NA :NA :NA :NA |

(54) Title of the invention : CIRCUIT BREAKER TRIP UNIT SUPPORT

(57) Abstract :

A support for anchoring a trip unit of a circuit breaker to a base thereof to prevent separation of the trip unit from the base during a short circuit fault. The support has top-facing two locking tabs that snap into place behind a wall in a lug-receiving area of the base. The support also has an opening through which a terminal of the trip unit is received snugly. The locking tabs keep the support in place and prevent forces produced by gasses during a fault from forcing the trip unit away from the base. The terminal, attached to the trip unit, is retained by the opening, which transfers upward forces to the top of the support, which is positioned against a top section of the base. The snug fit by the terminal through the opening and retention of the support in the lug-receiving area during a fault increases post-fault dielectric performance.

No. of Pages : 20 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :24/08/2012

(43) Publication Date : 18/03/2016

| (51) International classification | :H04L 5/00 | (71)Name of Applicant : |
|--|--------------------|--|
| (31) Priority Document No | :61/315,374 | 1)QUALCOMM Incorporated |
| (32) Priority Date | :18/03/2010 | Address of Applicant : Attn: International IP Administration |
| (33) Name of priority country | :U.S.A. | 5775 Morehouse Drive San Diego California 92121-1714 USA. |
| (86) International Application No | :PCT/US2011/028803 | U.S.A. |
| Filing Date | :17/03/2011 | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)GAAL Peter |
| (61) Patent of Addition to Application | :NA | 2)CHEN Wanshi |
| Number | :NA :NA | 3)DAMNJANOVIC Jelena M. |
| Filing Date | .NA | 4)DAMNJANOVIC Aleksandar |
| (62) Divisional to Application Number | :NA | 5)MONTOJO Juan |
| Filing Date | :NA | |

(54) Title of the invention : USER-SPECIFIC SEARCH SPACE DESIGN FOR MULTI-CARRIER OPERATION

(57) Abstract :

Certain aspects of the present disclosure relate to techniques for user-specific search space design for multi-carrier operation in Long Term Evolution Advanced (LTE-A) systems. The user-specific search space can be designed for searching Physical Downlink Control Channels (PDCCHs) transmitted on one component carrier (CC) that schedules Physical Downlink Shared Channel / Physical Uplink Shared Channel (PDSCH/PUSCH) transmissions on two or more different CCs. In one aspect multiple independent user-specific search spaces can be designed. In another aspect one user-specific search space can be randomly derived and then expanded to accommodate search for multiple CCs. In yet another aspect the search space design can retain randomness in starting search element indices of multiple PDSCH/PUSCH CCs while overlapping of search spaces for multiple PDSCH/PUSCH CCs can be avoided.

No. of Pages : 47 No. of Claims : 37

(22) Date of filing of Application :24/08/2012

(43) Publication Date : 18/03/2016

| ADVERTISEMENT OR DELEGATION | | |
|--|--------------------|--|
| | | |
| (51) International classification | :H04L 29/12 | (71)Name of Applicant : |
| (31) Priority Document No | :61/315,356 | 1)QUALCOMM Incorporated |
| (32) Priority Date | :18/03/2010 | Address of Applicant : Attn: International IP Administration |
| (33) Name of priority country | :U.S.A. | 5775 Morehouse Drive San Diego California 92121-1714 USA. |
| (86) International Application No | :PCT/US2011/029089 | U.S.A. |
| Filing Date | :18/03/2011 | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)LAGANIER Julien H. |
| (61) Patent of Addition to Application | :NA | 2)GIARETTA Gerardo |
| Number | :NA :NA | |
| Filing Date | .11/A | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(54) Title of the invention : METHOD AND APPARATUS FOR FACILITATING PREFIX ALLOCATION AND ADVERTISEMENT OR DELEGATION

(57) Abstract :

An apparatus and method for facilitating prefix allocation and advertisement or delegation in a wireless communication system including receiving a signal from a client to indicate that the client will function as a router; and prompting a server to not allocate a prefix to a link between the server and the client and to not advertise said prefix to the client. In one aspect the apparatus and method further includes allocating a first prefix to a user equipment (UE) receiving an indication that the UE is a router; and either a) reserving a second prefix for the UE wherein the second prefix is shorter than the first prefix; or b) calculating the second prefix for the UE wherein the second prefix includes a portion of the first prefix.

No. of Pages : 64 No. of Claims : 45

(19) INDIA

(22) Date of filing of Application :31/12/2004

(43) Publication Date : 18/03/2016

(54) Title of the invention : SYSTEM FOR AUTOMATICALLY MATCHING VIDEO WITH RATINGS INFORMATION

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No | :26/06/2003 | (71)Name of Applicant : 1)NIELSEN MEDIA RESEARCH, INC |
|---|----------------|---|
| Filing Date (87) International Publication No | :WO | Address of Applicant :770 BROADWAY, NEW YORK 10003 U.S.A. (72)Name of Inventor : 1)RAMASWAMY, ARUN |
| (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | 2004/003691 A2 | |

(57) Abstract :

1. A system for capturing video data that is linked to ratings data which automatically matches the video content to the corresponding ratings data for presentation to an end user in a synchronized manner, the system comprising: a video capture subsystem for capturing and storing video content from various sources; a ratings capture subsystem for capturing and storing ratings data and automatically linking said ratings data to corresponding video content; and a presentation system configured to present the video content and ratings data in a synchronized manna.

No. of Pages : 25 No. of Claims : 45

(19) INDIA

(22) Date of filing of Application :17/08/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD FOR ESTABLISHING BEARER FOR MACHINE TO MACHINE SERVICE AND NETWORK TRANSMISSION DEVICE

(57) Abstract :

Embodiments of the present invention relate to a method for establishing a bearer for a machine to machine service and a network transmission device, where the method includes: receiving a user plane resource establishment request message sent by an MTC device, where the user plane resource establishment request message includes at least one of MTC features, QoS requirements, a service indication request and a group identity; determining negotiated QoS parameters according to the user plane resource establishment request message; and establishing a transmission bearer with the MTC device according to the negotiated QoS parameters. The present invention provides a method for establishing a transmission bearer between a network and an MTC device.

No. of Pages : 58 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :17/08/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR INCREMENTAL UPDATE OF A PREFERRED ROAMING LIST

(57) Abstract :

A system and method of incrementally updating a preferred roaming list (PRL) are disclosed. The systems and methods include modifying a removable user identity module (RUIM) card on the mobile device to accept data structures that include incremental update information for a PRL. The systems and methods also include modifying a removable user identity module (RUIM) card on the mobile device to execute operators that allow for a PRL to be incrementally updated.

No. of Pages : 62 No. of Claims : 84

(19) INDIA

(22) Date of filing of Application :24/08/2012

(43) Publication Date : 18/03/2016

| (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :08/03/2011 : NA :NA :NA :NA | (71)Name of Applicant : 1)ASAHI KASEI CHEMICALS CORPORATION Address of Applicant :1-105 Kanda Jinbocho Chiyoda-ku Tokyo 1018101 Japan Japan (72)Name of Inventor : 1)KUSANOSE Yasuhiro 2)HORIUCHI Mika 3)ARAKI Yoshifumi |
|---|--|---|
| Filing Date | :NA | |

(54) Title of the invention : FOAM COMPOSITION METHOD FOR PRODUCING SAME AND FOAM •

(57) Abstract :

The present invention provides a foam which maintains high hardness while being lightweight and has excellent peel strength and permanent compression set, and a foamable composition used to obtain the aforementioned foam. A foamable composition comprising (A) an olefin-based copolymer; (B) a copolymer that is (B-I) and/or (B-II) described below, (B-I) a vinyl aromatic-based copolymer comprising a vinyl aromatic compound and a conjugated diene, and/or a vinyl aromaticbased copolymer comprising a vinyl aromatic compound and a conjugated diene, and/or a vinyl aromaticbased copolymer comprising a vinyl aromatic compound and a conjugated diene, and/or a vinyl aromaticbased copolymer comprising a vinyl aromatic compound and alkylene,(B-II) an ethylene-based copolymer having an unsaturated group; (C) an inorganic filler; (D) an organic silane coupling agent; and (E) a foaming agent; wherein a mass ratio of the component (A) to the component (B), (A/B), is from 5/95 to 100/0; an amount of the component (C) is from 0.5 to 35 mass parts, and an amount of the component (E) is from 0.1 to 20 mass parts, based on 100 mass parts of a total amount of the components (A) and (B); and an amount of the component (D) is from 0.1 to 50 mass parts, based on 100 mass parts of the component (C).

No. of Pages : 99 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :24/08/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : SHEET FOR FIBER-REINFORCED RESIN AND FIBER-REINFORCED RESIN MOLDED ARTICLE USING THE SAME •

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :B29C 43/02 :2010-030335 :15/02/2010 :Japan :PCT/JP2011/053075 :15/02/2011 : NA :NA :NA :NA :NA | (71)Name of Applicant : 1)KURASHIKI BOSEKI KABUSHIKI KAISHA Address of Applicant :7-1 Hommachi Kurashiki-shi Okayama 7100054 Japan Japan (72)Name of Inventor : 1)Akira KASUYA 2)Ayako MIHARA |
|---|---|---|
|---|---|---|

(57) Abstract :

Disclosed is a sheet for a fiber-reinforced resin formed of a composite fiber yarn which comprises a low-melting polymer component of a thermoplastic synthetic resin and a high-melting polymer component of a thermoplastic synthetic resin, wherein said low-melting polymer component and highmelting polymer component are polymers of the same kind; when molded into a fiber-reinforced resin article, said low-melting polymer component serves as a matrix resin while said high-melting polymer component serves as a reinforcing fiber; and said sheet is arranged as one or more layers at least in a single direction. Also disclosed is a fiber-reinforced resin molded article which is produced by heating the aforesaid sheet for a fiber-reinforced resin to a temperature being equal to or higher than the melting point of said lowmelting polymer component but lower than the melting point of said highmelting polymer component, and compression-molding the same. Thus, a sheet for a fiber-reinforced resin, wherein the fiber-reinforced resin can be formed of thermoplastic synthetic resins, good adhesion can be achieved between a reinforcing fiber and a matrix resin and the ratio of the reinforcing fiber can be increased so as to achieve good physical characteristics such as strength, and a fiber-reinforced resin molded article using said sheet can be provided.

No. of Pages : 36 No. of Claims : 12

(22) Date of filing of Application :11/05/2009

(43) Publication Date : 18/03/2016

(54) Title of the invention : PEPTIDE VACCINES FOR CANCERS EXPRESSING MPHOSH1OR DEPDC1 POLYPEPTIDES

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No | :C07K 14/435 :60/852,575 :17/10/2006 :U.S.A. :PCT/JP07/1122 | (71)Name of Applicant : 1)ONCOTHERAPY SCIENCE, INC. Address of Applicant :2-1, SAKADO 3-CHOME, TAKATSU-KU, KAWASAKI-SHI, KANAGAWA 213-0012 Japan |
|--|---|--|
| Filing Date | :16/10/2007 | (72)Name of Inventor : |
| (87) International Publication No | :(WO 2008/047473) | 1)FUJIOKA, TOMOAKI, 2)NAKAMURA, YUSUKE, |
| (61) Patent of Addition to Application Number | :NA | 3)TSUNODA, TAKUYA, |
| Filing Date | :NA | 4)OSAWA, RYUJI, |
| (62) Divisional to Application Number | :NA | 5)SHIDA, MIDORI, |
| Filing Date | :NA | |

(57) Abstract :

The present invention provides peptides having an amino acid sequence as set forth in SEQ ID No: 7, 8, 9, 10, 11, 12, 192, 195, 197, 209, 225, 226, 228, 230, 240, 241, 243, 244, 249, 253, 254 or 255, as well as peptides having the above- mentioned amino acid sequences in which 1,2, or several amino acids are substituted, deleted, or added, wherein the peptides possess cytotoxic T cell inducibility. The present invention also provides drugs for treating or preventing a disease associated with the over-expression of MPHOSPHI and/or DEPDCl, e.g. cancers, containing these peptides as an active ingredient. The peptides of the present invention can also be used as vaccines.

No. of Pages : 79 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :31/12/2004

(43) Publication Date : 18/03/2016

(54) Title of the invention : CHATTER-FREE MAGNETIC ACTUATOR FOR INJECTION VALVES (51) International classification :F02M 51/06 (71)Name of Applicant : (31) Priority Document No **1)ROBERT BOSCH GMBH** :102 58 442.7 (32) Priority Date Address of Applicant : POSTFACH 30 02 20, D-70422 :13/12/2002 (33) Name of priority country STUTTGART Germany :Germany :PCT/DE03/04111 (72)Name of Inventor : (86) International Application No Filing Date :12/12/2003 1)MENNICKEN.MICHAEL (87) International Publication No : NA 2)BOLTZ,JOACHIM (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 magnetic valve that operates a fuel injector with a magnetic core (2) in which a magnet coil (3) is incorporated. A recoil spring (9) acts upon the magnet armature (10) in closing direction. An exit gap (18) for an operating fluid is provided between a front side (8) of the stop sleeve (7) facing the magnet armature (10) and the magnet armature (10). The exit gap (18) ends in a hydraulic damping chamber (31) that is restricted by a front side (12) of the magnet armature (10) and by a damping surface (20) made from a non-magnetic material (16).

No. of Pages : 26 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :21/08/2012

(43) Publication Date : 18/03/2016

(57) Abstract :

Particle compositions are prepared for use as polysaccharide particle vaccines.

No. of Pages : 40 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :21/08/2012

(43) Publication Date : 18/03/2016

| (51) International classification | :C07C263/10,C07C265/14 | (71)Name of Applicant : |
|--|------------------------|--|
| (31) Priority Document No | :10154861.8 | 1)BASF SE |
| (32) Priority Date | :26/02/2010 | Address of Applicant :67056 Ludwigshafen Germany |
| (33) Name of priority country | :EPO | (72)Name of Inventor : |
| (86) International Application No | :PCT/EP2011/052658 | 1)MATTKE Torsten |
| Filing Date | :23/02/2011 | 2)BOEHLING Ralf |
| (87) International Publication No | :WO 2011/104264 | 3)KNOESCHE Carsten |
| (61) Patent of Addition to Application | :NA | 4)LEHR Vanessa Simone |
| Number | | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | 1 |

(54) Title of the invention : METHOD FOR PRODUCING ISOCYANATES IN THE GAS PHASE

(57) Abstract :

The invention relates to a method for producing isocyanates by reacting the corresponding amines with phosgene in the gas phase optionally in the presence of an inert medium comprising the following steps: (a) evaporating the amine in an evaporator (b) superheating the amine (c) mixing the gaseous amine with the phosgene and introducing it into a reaction zone (d) reacting amine and phosgene in the reaction zone to form the isocyanate wherein a reaction mixture containing isocyanate and hydrogen chloride is formed (e) cooling the reaction mixture containing isocyanate and hydrogen chloride wherein the evaporator comprises a container which contains pipes through which a heating medium flows wherein the number and diameters of the pipes are designed such that the pipes have a specific heat exchanger surface relative to the volume through which the amine flows of at least 300 m/m.

No. of Pages : 14 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :27/08/2012

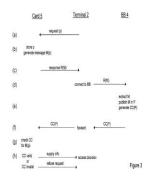
(43) Publication Date : 18/03/2016

| (51) International classification | :G06F 21/00 | (71)Name of Applicant : |
|--|--------------------|---|
| (31) Priority Document No | :10154826.1 | 1)INTERNATIONAL BUSINESS MACHINES |
| (32) Priority Date | :26/02/2010 | CORPORATION |
| (33) Name of priority country | :EPO | Address of Applicant :New Orchard Road Armonk New |
| (86) International Application No | :PCT/IB2011/050638 | York 10504 United States of America. U.S.A. |
| Filing Date | :16/02/2011 | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)PATRIK BICHSEL |
| (61) Patent of Addition to Application | :NA | 2)JAN L. CAMENISCH |
| Number | :NA | 3)THOMAS R.GROSS |
| Filing Date | .1117 | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | 1 |

(54) Title of the invention : TRANSACTION AUDITING FOR DATA SECURITY DEVICES

(57) Abstract :

Method and device having memory for storing user data and an interface for transmission of data communications between security device and terminal device connectable to a communications network for processing requests from terminal device for information about said user data by generating a message comprising an indication of the information requested about the user data message being generated so as to permit verification using secret data that the message was generated by the security device; sending the message to the terminal device for communication via said network to a publication entity for publication of the message in the network receiving from the terminal device a cryptographic construction issued by the publication entity encoding the message published by publication entity; checking validity of cryptographic construction for said message generated by controller; and supplying information requested about user data to the terminal device in dependence on said cryptographic construction.



No. of Pages : 27 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :21/08/2012

(43) Publication Date : 18/03/2016

PROCESS FOR THE PRODUCTION OF AN OLEFIN OXIDE (51) International classification :B01J 27/047 (71)Name of Applicant : (31) Priority Document No 1)SHELL INTERNATIONALE RESEARCH :61/309,174 (32) Priority Date :01/03/2010 MAATSCHAPPIJ B.V. (33) Name of priority country Address of Applicant :Carel van Bylandtlaan 30 NL-2596 The :U.S.A. (86) International Application No :PCT/US2011/026039 Hague the Netherlands. Netherlands Filing Date (72)Name of Inventor: :24/02/2011 (87) International Publication No : NA 1)LOCKEMEYER John Robert (61) Patent of Addition to Application 2)MATUSZ Marek :NA Number **3)YEATES Randall Clayton** :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : AN EPOXIDATION CATALYST A PROCESS FOR PREPARING THE CATALYST AND A

(57) Abstract :

A catalyst for the epoxidation of an olefin comprising a carrier and deposited on carrier silver rhenium promoter a first co-promoter and a second co-promoter; wherein a) the quantity of the rhenium promoter deposited on the carrier is greater than 1 mmole/kg relative to the weight of the catalyst; b) the first co-promoter is selected from sulfur phosphorus boron and mixtures thereof; c) the second co-promoter is selected from tungsten molybdenum chromium and mixtures thereof; d) the total quantity of first co-promoter and the second co-promoter deposited on the carrier is at most 5.0 mmole/kg relative to the weight of the catalyst; and e) wherein carrier has a monomodal bimodal or multimodal pore size distribution with pore diameter range of 0.01-200 μ m specific surface area of 0.03-10 m2/g pore volume of 0.2-0.7 cm3/g wherein median pore diameter of said carrier is 0.1-100 μ m and has water absorption of 10-80%.

No. of Pages : 27 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :21/08/2012

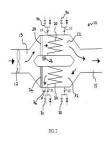
(43) Publication Date : 18/03/2016

| (51) International classification | :F25D 17/06 | (71)Name of Applicant : |
|--|--------------------|--|
| (31) Priority Document No | :61/297,347 | 1)(1) NATIONAL UNIVERSITY OF SINGAPORE |
| (32) Priority Date | :22/01/2010 | Address of Applicant :21 Lower Kent Ridge Road Singapore |
| (33) Name of priority country | :U.S.A. | 119077 Singapore Singapore |
| (86) International Application No | :PCT/SG2011/000028 | 2)GRAND HYATT SINGAPORE |
| Filing Date | :21/01/2011 | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)NG Kim Choon |
| (61) Patent of Addition to Application | :NA | 2)Aung MYAT |
| Number | :NA | 3)Yanagi HIDEHARU |
| Filing Date | .111/1 | 4)Kyaw THU |
| (62) Divisional to Application Number | :NA | 5)Bidyut Baran SAHA |
| Filing Date | :NA | 6)Ivan LEONG |

(54) Title of the invention : A DEHUMIDIFIER AND A METHOD OF DEHUMIDIFICATION

(57) Abstract :

A dehumidifier configured for alternately cycling between a first operating configuration and a second operating configuration. The dehumidifier comprises a first desiccant bed configured for performing adsorption in the first operating configuration and for performing desorption in the second operating configuration; and a second desiccant bed configured for performing desorption in the first operating configuration and for performing adsorption in the second operating configuration. FIG. 2



No. of Pages : 24 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :21/08/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : MODIFIED MELK PEPTIDES AND VACCINES CONTAINING THE SAME

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date | :C07K7/06,A61K38/00,A61P35/00 :61/297996 :25/01/2010 :U.S.A. :PCT/JP2011/000352 :24/01/2011 :WO 2011/089921 :NA :NA | (71)Name of Applicant : 1)ONCOTHERAPY SCIENCE INC. Address of Applicant :2 1 Sakado 3 chome Takatsu ku Kawasaki shi Kanagawa 2130012 Japan (72)Name of Inventor : 1)NAKAMURA Yusuke 2)TSUNODA Takuya 3)OHSAWA Ryuji 4)YOSHIMURA Sachiko 5)WATANABE Tomohisa |
|---|---|--|
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

Isolated peptides composed of the amino acid sequence of the modified MELK epitope peptide or immunologically active fragments thereof that bind to HLA antigens and have higher cytotoxic T lymphocyte (CTL) inducibility than that of the wild type MELK epitope peptide and thus are suitable for use in the context of cancer immunotherapy or endometriosis immunotherapy more particularly cancer or endometriosis vaccines are described herein. The present invention further provides peptides that include one two or several amino acid insertions substitutions or additions to the aforementioned peptides or fragments but yet retain the requisite cytotoxic T cell inducibility. Further provided are nucleic acids encoding any of these aforementioned peptides as well as pharmaceutical substances and compositions of this invention find particular utility in the treatment of cancers tumors and endometriosis.

No. of Pages : 96 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :27/08/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : EPOXY RESIN CURING AGENT EPOXY RESIN COMPOSITION AND ADHESIVE AGENT FOR LAMINATE

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :C08G 59/54 :2010-059282 :16/03/2010 :Japan :PCT/JP2011/055833 :11/03/2011 : NA :NA :NA :NA :NA | (71)Name of Applicant : 1)MITSUBISHI GAS CHEMICAL COMPANY INC. Address of Applicant :5-2 Marunouchi 2-chome Chiyoda-ku Tokyo 1008324 Japan Japan (72)Name of Inventor : 1)KUMAMOTO Kana 2)HONDA Eiichi |
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(57) Abstract :

An epoxy resin curing agent which provides good adhesiveness to polyester in addition to excellent performance and high gas-barrier properties of epoxy resins an epoxy resin composition containing the epoxy resin curing agent an adhesive for laminating which mainly contains the composition a laminate film obtained by using the adhesive a multi-layer packaging material and a packaging bag. The epoxy resin curing agent is a reaction product of (A) m-xylylenediamine or p-xylylenediamine (B) a polyfunctional compound having one acyl group which forms amide linkage by a reaction with polyamine and is capable of forming an oligomer; and (C) an aromatic dicarboxylic acid an ester thereof an amide thereof an acid anhydride thereof or an acid chloride thereof.

No. of Pages : 33 No. of Claims : 14

(19) INDIA

(22) Date of filing of Application :22/01/2007

(43) Publication Date : 18/03/2016

(54) Title of the invention : POLYLACTIC ACID AND PROCESS FOR PRODUCING THE SAME

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :C08K 7/02 :2004-214496 :22/07/2004 :Japan :PCT/JP05/13672 :20/07/2005 :WO 2006/009285 A1 | (71)Name of Applicant : 1)M/S. TEIJIN LIMITED Address of Applicant :6-7, MINAMIHOMMACHI 1- CHOME, CHUO-KU, OSAKA-SHI, OSAKA 541-0054, Japan 2)MUSASHINO CHEMICAL LABORATORY, LTD 3)MUTUAL CORPORATION 4)KIMURA, YOSHIHARU (72)Name of Inventor : 1)SHRI. KIMURA, YOSHIHARU 2)TANG, ZHEN 3)FUKUSHIMA, KAZUKI 4)TOYOHARA, KIYOTSUNA 5)NONOKAWA, RYUJI 6)MAEDA, YASUHITO 7)TAKADA, MASAYUKI 8)KOMAZAWA, YUKA 9)AOKI, TSUYOSHI |
|---|--|--|
|---|--|--|

(57) Abstract :

It is an object of the present invention to provide polylactic acid containing a stereocomplex crystal and having excellent moldability, a high molecular weight, high crystallinity and a high melting point and a process for manufacturing the same. It is another object of the present invention to provide a composition comprising the polylactic acid and a molded product of the polylactic acid. The present invention is characterized from polylactic acid having a weight average molecular weight of 80,000 to 500, 000 and a melting peak at 195°C or higher which accounts for 80 % or more of the total of melting peaks in the temperature elevation step when measured by a differential scanning calorimeter (DSC) and a process for manufacturing the same.

No. of Pages : 70 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :21/08/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : APPARATUS SYSTEM AND METHOD FOR DETECTING THE PRESENCE OF GENUINE SERVICEABLE PRODUCT COMPONENTS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No | :G01M15/00 :61/311,943 :09/03/2010 :U.S.A. :PCT/US2011/027723 | (71)Name of Applicant : 1)CUMMINS FILTRATION IP INC. Address of Applicant :1400 73rd Avenue NE Minneapolis MN 55432 United States of America. U.S.A. (72)Name of Inventor : |
|--|---|---|
| (80) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :09/03/2011 : NA :NA :NA :NA :NA | (72)Name of Inventor . 1)VERDEGAN Barry M. 2)CARROLL III John T. 3)SCHNEIDER Matthew L. 4)ZUROSKI Mike 5)WHITAKER Nathan A. 6)WALLS James L. |

(57) Abstract :

A process, system, and component configuration are described that discourages customer acceptance/use of will-fit, reconditioned, and counterfeit product components, by determining whether or not a serviceable product component is genuine. If a component is determined to not be genuine, then appropriate action may be taken to warn operators and document such findings. For example, one or more markers are disposed or otherwise put on the subject serviceable product component and serves as a targeted feature, and/or a particular characteristic of the filter itself is identified as the targeted feature. A sensor is used to detect the targeted feature and obtain information unique to the serviceable product component. The targeted feature(s) identifies the particular serviceable component as genuine and forms the basis for determining whether a genuine component has been installed. In some circumstances, a fluid filter product is the component that is the subject detection.

No. of Pages : 65 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :21/08/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : BRIDGED LIPOGLYCOPEPTIDES THAT POTENTIATE THE ACTIVITY OF BETA LACTAM ANTIBACTERIALS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No | :A61K38/14,A61K38/12,A61K38/00 :61/312058 :09/03/2010 :U.S.A. :PCT/US2011/027159 :04/03/2011 | Jersey 07065 0907 U.S.A. 2)MERCK CANADA INC. (72)Name of Inventor : 1)GALLANT Michel 2)VILLENEUVE Karine 3)BEAULIEU Patrick 4)ROBICHAUD Joel 5)JUTEAU Helene |
|---|---|---|
| · · · | :U.S.A. | 1)GALLANT Michel |
| (86) International Application No | | 3)BEAULIEU Patrick |
| (87) International Publication No | :WO 2011/112441 | 5)JUTEAU Helene 6)GAREAU Yves 7)WADDELL Sherman T. |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | 8)KEVIN Nancy 9)GU Xin |
| (62) Divisional to Application Number Filing Date | :NA :NA | 10)HUBER Joann 11)SALVATORE Michael J. Jr. 12)WILSON Kenneth |
| | | 13)SMITH Scott K. 14)ZINK Deborah |

(57) Abstract :

The present invention provides novel lipoglycopeptide compounds which are Type 1 signal peptidase inhibitors (SpsB). Compounds of the present invention are useful for the treatment of various bacterial related infectious diseases particularly when used as a potentiator of a lactam antibiotic such as imipenem and ertapenem. Accordingly the present invention provides a method for the treatment of bacterial related infectious diseases particularly with a lactam antibiotic.

No. of Pages : 93 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :03/09/2012

(43) Publication Date : 18/03/2016

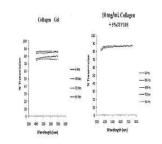
(54) Title of the invention : SILICA BASED COMPOSITE OCULAR DEVICE AND METHODS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :A61L27/42,A61L31/12 :61/302362 :08/02/2010 :U.S.A. :PCT/US2011/024032 :08/02/2011 :WO 2011/097619 :NA :NA :NA :NA | (71)Name of Applicant : 1)REGENTS OF THE UNIVERSITY OF MINNESOTA Address of Applicant :Office For Technology Commercialization 1000 Westgate Drive Suite 160 Saint Paul MN 55114 8658 U.S.A. (72)Name of Inventor : 1)AKSAN Alptekin 2)HUBEL Allison 3)REATEGUI Eduardo |
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(57) Abstract :

Disclosed herein are synthetic silica based ocular devices fabricated from a composite material comprising silica and a fibrillar protein together with methods of making and using the ocular devices.

Tig. 3



No. of Pages : 40 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :03/09/2012

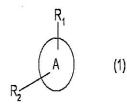
(43) Publication Date : 18/03/2016

(54) Title of the invention : ANIMAL REPELLENT

| classification (31) Priority Document No (32) Priority Date (33) Name of priority | :2010025681 | (71)Name of Applicant : 1)OSAKA BIOSCIENCE INSTITUTE Address of Applicant :2 4 Furuedai 6 chome Suita shi Osaka 5650874 Japan 2)SCENT SCIENCE INTERNATIONAL INC. (72)Name of Inventor : 1)KOBAYAKAWA Ko 2)KOBAYAKAWA Reiko |
|--|-------------|--|
|--|-------------|--|

(57) Abstract :

Provided is an animal repellant which comprises as an active ingredient a compound which emits an odor which causes an innate fear among animals to which animals will not become accustomed. Said animal repellent comprises at least one of the following as an active ingredient: a heterocyclic compound shown in general formula 1 or a salt thereof; a straight chain sulfide compound; or an alkyl isothiocyanate. In general formula 1 ring A represents a 3 to 7 membered heterocycle which comprises at least one of the following heteroatoms: nitrogen sulfur or oxygen. R and R each independently represent hydrogen a halogen atom an alkyl group which may be substituted an acyl group a carboxyl group which may be esterified a thiol group which may be substituted or an amino or oxo group which may be substituted.



No. of Pages : 48 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :20/11/2010

(43) Publication Date : 18/03/2016

| (54) Title of the invention : IMPACT ME | CHANISM | |
|--|---|--|
| (54) Title of the invention : IMPACT MEG (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application | :B23B47/00 :61/047,101 :22/04/2008 :U.S.A. :PCT/CA2009/000520 :22/04/2009 :WO/2009/129611 | (71)Name of Applicant : 1)GRAND Gerard Address of Applicant :299 Riverview Blvd. St. Catharines Ontario L2T 3N3 Canada Canada (72)Name of Inventor : 1)GRAND Gerard |
| Number Filing Date (62) Divisional to Application Number | :NA :NA :NA | |
| Filing Date | :NA | |

(57) Abstract :

An impact mechanism for use with a drive motor comprises a drive engaging member and a tool bit retaining member operatively inter-connected with the drive engaging member. The tool bit retaining member has a main body portion, and an anvil portion and a tool bit retaining portion each securely attached thereto for co-rotation therewith. A hammer is mounted on one of the drive engaging member for guided movement between an anvil contact position whereat force is transmitted from the hammer to the anvil portion so as to create a moment about the longitudinal axis, and a release position whereat the hammer is temporarily removed from the anvil portion. A spring biases the hammer to the anvil contact position. A selectively adjustable spring compression mechanism permits selective compression of the spring.

No. of Pages : 30 No. of Claims : 25

(22) Date of filing of Application :11/09/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD AND DEVICE FOR REGISTRATION AND DATA TRANSMISSION USING FAST / ZERO CONTENTION RESOLUTION

| Filing Date:10/03/20111)BORSELLA Remo(87) International Publication No:WO 2011/1110132)HOLE David Philip(61) Patent of Addition to Application:NA3)VENKOB SatishNumber:NA4)HANOV Steven MichaelFiling Date:NA5)KREUZER Werner karl(62) Divisional to Application Number:NA6)FAURIE Rene | (32) Priority Date (33) Name of priority country (86) International Application No | :10/03/2011 | 2)HOLE David Philip |
|---|---|-----------------|------------------------|
| | Filing Date (87) International Publication No (61) Patent of Addition to Application | :WO 2011/111013 | 3)VENKOB Satish |
| | Number | :NA | 4)HANOV Steven Michael |
| | Filing Date | :NA | 5)KREUZER Werner karl |

(57) Abstract :

Embodiments of a method and apparatus for access and contention resolution by a device within a wireless network are described. The device may communicate on a random access channel (RACH). In some embodiments methods of uniquely identifying the device are described. Other embodiments may be described and claimed.

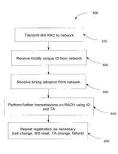


FIG. 6 - Registration using Fast Contention Resolution

No. of Pages : 28 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :11/09/2012

(43) Publication Date : 18/03/2016

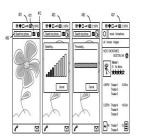
(54) Title of the invention : METHOD AND APPARATUS FOR CONDUCTING A SEARCH BASED ON AVAILABLE DATA MODES

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date | :G06F :13/237175 :20/09/2011 :U.S.A. :NA :NA :NA :NA :NA | (71)Name of Applicant : 1)NOKIA CORPORATION Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo Finland Finland (72)Name of Inventor : 1)Aaron Licata 2)Adetokunbo Bamidele 3)Mark Travis Fulks |
|--|--|---|
| (61) Patent of Addition to Application Number | :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

An approach is provided for conducting a search based on an extraction of a search term from available sensor data. The approach involves determining sensor data associated with at least one device the sensor data determined from among a plurality of available data modes. The approach also involved processing and/or facilitating a processing of the sensor data to cause at least in part an extraction of one or more search terms for at least one query. The approach further involves determining one or more results of the at least one query based at least in part on context information associated with the at least one device user profile information associated with the at least one device or a combination thereof. Fig. 4A

FIG. 44



No. of Pages : 45 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :24/08/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD FOR PREPARING A PLANOGRAPHIC PRINTING PLATE AND DEVELOPER SOLUTION FOR MASTER PLANOGRAPHIC PRINTING PLATE

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date | :G03F7/32,G03F7/00,G03F7/027 :2010043130 :26/02/2010 :Japan :PCT/JP2011/053871 :22/02/2011 | (71)Name of Applicant : 1)FUJIFILM Corporation Address of Applicant :26 30 Nishiazabu 2 chome Minato ku Tokyo 1060031 Japan (72)Name of Inventor : 1)INNO Toshifumi |
|--|---|--|
| (87) International Publication No:WO 2011/105384 | | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

Disclosed is a method for preparing a planographic printing plate in which a master planographic printing plate which has both a photosensitive layer (which contains (A) a polymerization initiator (B) a polymerizable compound (C) a sensitizing dye (D) and a binder polymer) and a protective layer in that order is laser exposed on a hydrophilic support body and thereafter the protective layer and the photosensitive layer of the unexposed portion are removed in the presence of a developer solution. By means of the method for preparing a planographic printing plate in which the aforementioned developer solution has a pH greater than or equal to 2 but less than 10 and contains a zwitterionic surfactant and a nonionic surfactant having an alkylene oxide chain a planographic printing plate can be obtained which can achieve excellent development has good printing durability does not produce print stains and makes possible a one liquid one step simple process not requiring a washing step.

No. of Pages : 79 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :24/08/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHODS OF TREATING AUTOIMMUNE DISEASES WITH DLL4 ANTAGONISTS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country | :C07K16/22,A61K39/395,A61P37/00 :61/299,801 :29/01/2010 :U.S.A. | (71)Name of Applicant : 1)REGENERON PHARMACEUTICALS INC. Address of Applicant :777 Old Saw Mill River Road Tarrytown NY 10591 U.S.A. (72)Name of Inventor : 1)SKOKOS Dimitris |
|---|--|---|
| (86) International Application No Filing Date | :PCT/US2011/022810 :28/01/2011 | |
| (87) International Publication No | :WO 2011/094465 A4 | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

The present invention provides methods of treating a disease or disorder in which increasing the number of regulatory T cell (Treg) is beneficial by administering to a subject suffering from such a disease or disorder a therapeutically effective amount of Dll4 antagonists that block DII4 Notch signal pathways thereby increasing the number of Treg. Diseases or disorders treatable by the methods of the invention include autoimmune diseases or disorders such as multiple sclerosis (MS) diabetes and the like. Suitable DII4 antagonists for the invention include antibodies or antibody fragments that specifically bind DII4 and block DII4 Notch interactions the extracellular domain of DII4 and the like. The invention also provides methods of preventing an occurrence or recurrence of such diseases or disorders in a subject predisposed or susceptible to developing such diseases or disorders. Furthermore the methods of the invention are useful in preventing or treating organ transplant rejections or graft versus host disease.

No. of Pages : 83 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :15/04/2009

(43) Publication Date : 18/03/2016

(54) Title of the invention : CATALYSTS TO REDUCE NOX IN AN EXHAUST GAS STREAM AND METHODS OF PREPARATION

| (51) International classification | :B01D 53/94 | (71)Name of Applicant : |
|---|-----------------|--|
| (31) Priority Document No | :11/857,896 | 1) |
| (32) Priority Date | :19/09/2007 | Address of Applicant : GCC PATENT OFFICE |
| (33) Name of priority country | :U.S.A. | (72)Name of Inventor : |
| (86) International Application No | :PCT/US07/79024 | 1)KOERMER, GERALD, STEPHEN, |
| Filing Date | :20/09/2007 | 2)MOINI,AHMAD, |
| (87) International Publication No | :(WO | 3)FURBECK, HOWARD, |
| (87) International Fublication No | 2008/036813) | 4)CASTELLANO, CHRISTOPHER, R., |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Catalysts, systems and methods are described to reduce NOx emissions of an internal combustion engine. In one embodiment, an emissions treatment system for an exhaust stream is provided having a catalyst comprising on a particulate alumina suppon. the silver having a diameter of less than about 20 nm. Methods of manufacturing catalysts are described in which ionic silver is impregnated on particulate hydroxylated alumina particles.

No. of Pages : 30 No. of Claims : 25

(22) Date of filing of Application :21/08/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD FOR PREPARING A COMPOSITION INCLUDING A COMPOUND CONTAINING VANILLIN AND ETHYLVANILLIN COMPOSITION THUS OBTAINED AND USE THEREOF

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date | | (71)Name of Applicant : 1)RHODIA OPERATIONS Address of Applicant :40 rue de la Haie Coq F 93300 Aubervilliers France (72)Name of Inventor : 1)LE THIESSE Jean Claude 2)LAMIRI Kilani |
|---|-----------------|--|
| (87) International Publication No | :WO 2011/104208 | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

The invention relates to a method for preparing a composition essentially including a compound containing vanillin and ethylvanillin. The method for preparing a composition essentially including a compound containing vanillin and ethylvanillin according to a vanillin/ethylvanillin molar ratio of 2 is characterized in that it includes an operation of co granulating vanillin and ethylvanillin at a temperature of between 50°C and 57°C in the form of a powder and in amounts such that the vanillin/ethylvanillin molar ratio is at least equal to 2 and an operation of lowering the temperature of the composition thus obtained to room temperature.

No. of Pages : 41 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :21/08/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : PROCATALYST COMPOSITION WITH SUBSTITUTED AMIDE ESTER INTERNAL ELECTRON DONOR

(57) Abstract :

Disclosed are procatalyst compositions having an internal electron donor which includes a substituted amide ester and optionally an electron donor component. Ziegler Natta catalyst compositions containing the present procatalyst compositions exhibit improved catalyst activity and/or improved catalyst selectivity and produce propylene based olefins with broad molecular weight distribution.

No. of Pages : 35 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :27/08/2012

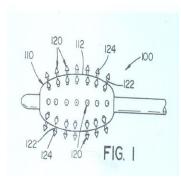
(43) Publication Date : 18/03/2016

| (51) International classification | :A61F2/06 | (71)Name of Applicant : |
|--|--------------------|--|
| (31) Priority Document No | :61/299,584 | 1)ICON MEDICAL CORP. |
| (32) Priority Date | :29/01/2010 | Address of Applicant :387 Technology Circle NW Suite 500 |
| (33) Name of priority country | :U.S.A. | Atlanta GA 30313 U.S.A. |
| (86) International Application No | :PCT/US2011/022835 | (72)Name of Inventor : |
| Filing Date | :28/01/2011 | 1)ROTH Noah |
| (87) International Publication No | :WO 2011/094476 A1 | 2)PATEL Udayan |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | • |

(54) Title of the invention : BIODEGRADABLE PROTRUSIONS ON INFLATABLE DEVICE

(57) Abstract :

A medical device for insertion and expansion in a body passageway. The medical device includes an inflatable device such as a balloon that is designed to be inflated and deflated while positioned in the body passageway. The inflatable device is inflatable by inserting a fluid in an internal cavity of the inflatable device. The inflatable device includes an outer surface that has a surface structure or micro surface structure which is designed to at least partially penetrate into an inner wall of the body passageway when the inflatable device is inflated.



No. of Pages : 50 No. of Claims : 28

(21) Application No.7386/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/08/2012

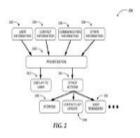
(43) Publication Date : 18/03/2016

| (51) International classification | :G06F15/16,G06F17/00 | (71)Name of Applicant : |
|--|----------------------|---|
| (31) Priority Document No | :12/727959 | 1)MICROSOFT CORPORATION |
| (32) Priority Date | :19/03/2010 | Address of Applicant :One Microsoft Way Redmond |
| (33) Name of priority country | :U.S.A. | Washington 98052 6399 U.S.A. |
| (86) International Application No | :PCT/US2011/028515 | (72)Name of Inventor : |
| Filing Date | :15/03/2011 | 1)GUPTA Amit |
| (87) International Publication No | :WO 2011/115989 | 2)RAGHAV Amritansh |
| (61) Patent of Addition to Application | . NT A | 3)KWAN Cindy |
| Number | :NA | 4)ZHOU Dejun |
| Filing Date | :NA | 5)LIANG Rui |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | 1 |

(54) Title of the invention : DYNAMIC CONTACTS LIST MANAGEMENT

(57) Abstract :

Contacts lists are dynamically managed in association with communication and collaboration applications and devices. Automated and user defined factors are determined based on information from various resources such as user profile contact information past communication information application / device types and comparable ones. Factors may be weighted and employed to prioritize contacts lists under different circumstances. Prioritized contacts lists may be provided to a user stored updated or otherwise processed.



No. of Pages : 29 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :24/08/2012

(43) Publication Date : 18/03/2016

| (51) International classification | :G06F17/30 | (71)Name of Applicant : |
|--|--------------------|---|
| (31) Priority Document No | :12/727739 | 1)MICROSOFT CORPORATION |
| (32) Priority Date | :19/03/2010 | Address of Applicant : One Microsoft Way Redmond WA |
| (33) Name of priority country | :U.S.A. | 98052 6399 U.S.A. |
| (86) International Application No | :PCT/US2011/028651 | (72)Name of Inventor : |
| Filing Date | :16/03/2011 | 1)WANG Luming |
| (87) International Publication No | :WO 2011/116082 | 2)YANG Xiaohong |
| (61) Patent of Addition to Application | :NA | 3)AMIROV Anton |
| Number | :NA :NA | 4)BARVO Pablo |
| Filing Date | INA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | |

(54) Title of the invention : INDEXING AND SEARCHING EMPLOYING VIRTUAL DOCUMENTS

(57) Abstract :

Relationships between linked and/or embedded documents as well as documents sharing data source(s) are captured and rendered through virtual documents. Virtual documents are created representing linked / embedded documents and data sources associated with a relevant document. Relationships between real and virtual documents are preserved and rendered along with search results providing a user a comprehensive picture of search results.

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

(19) INDIA

(22) Date of filing of Application :28/08/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD AND EQUIPME T FOR CONTROLLING QUALITY OF SERVICE OF USER TERMINAL DEVICE •

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | | (71)Name of Applicant : 1)ALCATEL LUCENT Address of Applicant :54 Rue La Botie F-75008 Paris France (72)Name of Inventor : 1)XIANGYANG LI |
|--|--|--|
|--|--|--|

(57) Abstract :

The invention provides a method and apparatus for controlling, in .a policy and charging rules function entity, quality of service of a user equipment. The method includes the steps of: obtaining charging-related information of the user equipment (210); and determining the quality of service corresponding to the user equipment according to the charging-related information (220). With the introduction of the charging-related information, the policy and charging rules function entity can control quality of service according to the existing system resources and the contribution and demand of the user equipment to thereby balance reasonably demands of different user equipments and to utilize effectively the limited resources of the system.

No. of Pages : 28 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :07/09/2012

(43) Publication Date : 18/03/2016

| (54) Title of the invention : CHIPLESS PASSIVE RFID TAG | | |
|---|-----------------------|--|
| | | |
| (51) International classification | :G06K19/067,G08B13/24 | (71)Name of Applicant : |
| (31) Priority Document No | :1050971 | 1)INSTITUT POLYTECHNIQUE DE GRENOBLE |
| (32) Priority Date | :11/02/2010 | Address of Applicant :46 Avenue Flix Viallet F 38000 |
| (33) Name of priority country | :France | Grenoble France |
| (86) International Application No | :PCT/FR2011/050264 | 2)UNIVERSITE DE SAVOIE |
| Filing Date | :08/02/2011 | (72)Name of Inventor : |
| (87) International Publication No | :WO 2011/098719 | 1)PERRET Etienne |
| (61) Patent of Addition to Application | :NA | 2)TEDJINI Smail |
| Number | :NA | 3)VASUDEVAN NAIR Deepu |
| Filing Date | .NA | 4)GARET Frdric |
| (62) Divisional to Application Number | :NA | 5)DUVILLARET Lionel |
| Filing Date | :NA | 6)VENA Arnaud Maurice |

(57) Abstract :

A chipless RFID tag (31; 41; 51; 91) comprising a plurality of separate parallel conductive strips (35; 45; 55) formed on a dielectric support (33; 43; 53), wherein conductive bridges (38; 48; 58) interconnect neighboring conductive strips, $5 \$ the conductive bridges delimiting, between the conductive strips, dielectric strip portions (39; 49; 59) of different lengths, each dielectric strip portion determining a resonance frequency of the tag, the resonance frequencies of the tag alto¬ gether defining an identification code.

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

(19) INDIA

(22) Date of filing of Application :27/03/2009

(43) Publication Date : 18/03/2016

(54) Title of the invention : PHOTOLATENT BASES FOR SYSTEMS BASED ON BLOCKED ISOCYANATES

| (51) International classification | :C08G18/67 | (71)Name of Applicant : |
|---|-----------------|--|
| (31) Priority Document No | :06121469.8 | 1)CIBA HOLDING INC. |
| (32) Priority Date | :29/09/2006 | Address of Applicant :KLYBECKSTRASSE 141, CH-4057 |
| (22) Name of priority country | :EUROPEAN | BASEL, Switzerland |
| (33) Name of priority country | UNION | (72)Name of Inventor : |
| (86) International Application No | :PCT/EP07/59865 | 1)STUDER, KATIA, |
| Filing Date | :19/09/2007 | 2)DIETLIKER, KURT, |
| (87) International Publication No | :(WO | 3)JUNG,TUNJA |
| (87) International Fublication No | 2008/037635) | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | l de la constante de la consta |

(57) Abstract :

The present invention pertains to a composition comprising (a) a photolatent base; (b) a blocked isocyanate or blocked isothiocyanate and (c) a hydrogen donor compound; and its applications.

No. of Pages : 48 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :11/09/2012

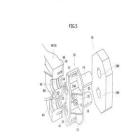
(43) Publication Date : 18/03/2016

(54) Title of the invention : CONNECTION STRUCTURE OF VEHICULAR AIR CONDITIONER •

| | DCOLL | |
|---|-------------|---|
| (51) International classification | :B60H | (71)Name of Applicant : |
| (31) Priority Document No | :2011- | 1)SUZUKI MOTOR CORPORATION |
| (31) Thomy Document No | 230425 | Address of Applicant :300 Takatsuka-cho Minami-ku |
| (32) Priority Date | :20/10/2011 | Hamamatsu-shi Shizuoka-Ken Japan Japan |
| (33) Name of priority country | :Japan | (72)Name of Inventor : |
| (86) International Application No | :NA | 1)Akihisa TOYOTA |
| 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 :

[Problems to be Solved] There is provided a connection structure of a vehicular HVAC in which the number of kinds of parts can be decreased, parts can be managed easily, and the assembling workers burden can be reduced. [Solution] A dash panel is provided with a pipe insertion hole and can be used in common for an HVAC without a heater and an HVAC with a heater, and the unit body of the II VAC without a heater is configured so as to have the same structure as the unit body of the HVAC with a heater. In a case in which the HVAC without a heater is selected, a second packing 16 formed into the same structure as a first packing is interposed between a mounting member 30 and a dash panel, dummy heater pipes are inserted through packing holes 16H and a pipe insertion hole, and a second fastening part 33 presses the second packing 16, and is brought into contact with the dash panel under pressure via the second packing 16. [Selected Drawing] Fig. 5



No. of Pages : 28 No. of Claims : 4

(19) INDIA

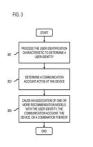
(22) Date of filing of Application :11/09/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD AND APPARATUS FOR MANAGING RECOMMENDATION MODELS (51) International classification :G06Q (71)Name of Applicant : **1)NOKIA CORPORATION** (31) Priority Document No :13/238334 (32) Priority Date :21/09/2011 Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo (33) Name of priority country :U.S.A. Finland Finland (86) International Application No (72)Name of Inventor: :NA Filing Date :NA 1)Sailesh Kumar Sathish (87) International Publication No : NA 2)Jari Pekka Hmlinen (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

A platform for managing recommendation models is described. The platform processes and/or facilitates a processing of at least one user identification characteristic associated with at least one device to determine a user identity. The platform further determines at least one communication account active at the at least one device. The platform also causes at least in part an association of one or more recommendations models with the user identity the at least one communication account the at least one device or a combination thereof. Fig. 3



No. of Pages : 55 No. of Claims : 14

(19) INDIA

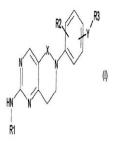
(22) Date of filing of Application :31/08/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : BICYCLIC COMPOUNDS AND THEIR USES AS DUAL C-SRC / JAK INHIBITORS (51) International classification :C07D 471/04 (71)Name of Applicant : (31) Priority Document No 1)DEBIOPHARM S.A. :415/CHE/2010 (32) Priority Date Address of Applicant :Forum apr[°]s-demain • Chemin :17/02/2010 (33) Name of priority country Messidor 5-7 CP 5911 CH-1002 Lausanne Switzerland :India (86) International Application No :PCT/IB2011/050669 Switzerland 2)AURIGENE DISCOVERY TECHNOLOGIES LTD. Filing Date :17/02/2011 (87) International Publication No : NA (72)Name of Inventor : (61) Patent of Addition to Application 1)MC ALLISTER Andr"s :NA Number 2)MURONE Maximilien :NA Filing Date **3)SENGUPTA Saumitra** (62) Divisional to Application Number :NA 4)SHETTY Shankar Jayaram Filing Date :NA

(57) Abstract :

The present invention relates to substituted aromatic bicyclic compounds containing pyrimidine and pyridine rings of formula (I) having the structure as well as pharmaceutically acceptable salts thereof. The compounds of the present invention are useful as tyrosine kinase inhibitors preferably SRC family kinases (SFKs) inhibitors in particular as multi SFK/JAK. kinases inhibitors and even preferably as dual c-SRC/JAK kinases inhibitors thereby inhibiting the STAT3 activation and therefore abnormal growth of particular cell types. Notably the compounds of the present invention are useful for the treatment or inhibition of certain diseases that are the result of deregulation of STAT3.



No. of Pages : 137 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :24/08/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : HYBRID VEHICLE

| (51) International classificatio (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :PCT/JP2011/055104 :04/03/2011 :WO 2011/122243 :NA :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)KURODA Shigetaka 2)FUJIMOTO Shinji 3)IKEGAMI Takefumi |
|---|--|--|
|---|--|--|

(57) Abstract :

Disclosed is a hybrid vehicle wherein an energy storage device (BATT) is charged while an internal combustion engine (ENG) is being driven when an idle stop request is generated in a B zone (discharge restricted area) or C zone (discharge prohibited area). When an idle stop release request is generated in the B zone the internal combustion engine (ENG) continues to be driven and the vehicle starts moving by driving an electric motor (MG) while a first clutch (C1) is being disengaged. In the C zone however the internal combustion engine (ENG) continues to be driven and the vehicle starts moving with the first clutch (C1) being engaged.

No. of Pages : 54 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :24/08/2012

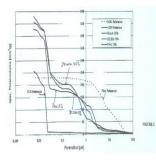
(43) Publication Date : 18/03/2016

(54) Title of the invention : EXTRUDED SCR FILTER

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication | :PCT/GB2011/050162 :01/02/2011 | (71)Name of Applicant : 1)JOHNSON MATTHEY PLC Address of Applicant :5th Floor 25 Farringdon Street London EC4A 4AB U.K. (72)Name of Inventor : 1)DOTZEL Ralf 2)LEPPELT Rainer 3)MNCH Jrg Werner 4)SCHEDEL Hubert |
|---|---------------------------------------|--|
| (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :NA :NA ¹ :NA :NA | |

(57) Abstract :

A wall flow filter comprises a catalyst for converting oxides of nitrogen in the presence of a reducing agent which wall flow filter comprising an extruded solid body comprising: 10 100% byweight of at least one binder/matrix component; 5 90% byweight of a zeolitic molecular sieve a non zeolitic molecular sieve or a mixture of any two or more thereof; and 0 80% byweight optionally stabilised ceria which catalyst comprising at least one metal wherein: (i) the at least one metal is present throughout the extruded solid body and is also present in a higher concentration at a surface of the extruded solid body; (ii) the at least one metal is present throughout the extruded solid body and is also carried in one or more coating layer(s) on a surface of the extruded solid body; or (iv) the at least one metal is present throughout the extruded solid body and is also carried in one or more coating layer(s) on the surface of the extruded solid body and is also carried in one or more coating layer(s) on the surface of the extruded solid body and is also carried in one or more coating layer(s) on the surface of the extruded solid body.



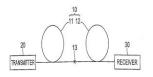
No. of Pages : 35 No. of Claims : 43

| (12) PATENT APPLICATION PUBLICATION | | (21) Application No.7380/CHENP/2012 A |
|--|---|--|
| (19) INDIA | | |
| (22) Date of filing of Application :24/08/2 | 012 | (43) Publication Date : 18/03/2016 |
| (54) Title of the invention : AN OPTICAL | FIBER | |
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on | :G02B 6/26 :2003-286118 :04/08/2003 :Japan :PCT/JP2004/11164 :04/08/2004 :WO/2005/012965 :NA :NA :NA :435/CHENP/2006 :04/08/2004 | (71)Name of Applicant : 1)SUMITOMO ELECTRIC INDUSTRIES, LTD. Address of Applicant :5-33, KITAHAMA 4-CHOME, CHUO-KU, OSAKA-SHI, OSAKA 541-0041 Japan (72)Name of Inventor : 1)SASAOKA, EISUKE 2)YAMAMOTO, YOSHINORI 3)FUJIMOTO, KAZUNARI |

(57) Abstract :

An optical fiber mainly comprised of silica glass, comprising a core region extending along a predetermined axis, and a cladding region prepared on an outer periphery of said core region, said fiber having a transmission loss of 0.28 dB/km to 0.32 dB/km at the wavelength of 1310 nm, a mode field diameter of 8.3 μ m to 9.0 μ m at the wavelength of 1310 nm, a cable cutoff wavelength of 1260 nm or less and an increase of loss of 0.3 dB/km or less caused by OH-radical at the wavelength of 1380 nm, and a bending loss of 3 dB/m or less at the bending diameter of 20 mm at the wavelength of 1550 nm. FIGURE 1

Fig.1



No. of Pages : 78 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :31/08/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD FOR PRODUCING ASTAXANTHIN DIMETHYL DISUCCINATE

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :C07C403/24 :10152908.9 :08/02/2010 :EPO :PCT/EP2011/051618 :04/02/2011 :WO 2011/095571 :NA :NA :NA :NA | (71)Name of Applicant : 1)BASF SE Address of Applicant :67056 Ludwigshafen Germany (72)Name of Inventor : 1)ERNST Hansgeorg 2)DOBLER Walter 3)KELLER Andreas 4)HENRICH Klaus |
|---|---|--|
|---|---|--|

(57) Abstract :

The present invention relates to an improved method for producing all E astaxanthin dimethyl disuccinate of formula (I).

No. of Pages : 15 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :28/04/2009

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHACRYLATE COPOLYMER POURPOINT DEPRESSANTS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No | | (71)Name of Applicant : 1)CIBA HOLDING INC. Address of Applicant :KLYBECKSTRASSE 141, CH-4057 BASEL, Switzerland (72)Name of Inventor : |
|--|----------------------|--|
| Filing Date | :29/10/2007 | 1)PEER, WILLIAM, JOSEPH |
| (87) International Publication No | :(WO 2008/055797) | 2)SCANLON, EUGENE, IV |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Polymethacrylate copolymers are disclosed which comprise from about 60 - about 96 wt.-% of a C12-C16 alkyi methacrylate and from about 40 - about 4 weight percent of a C18-C30 alky! methacrylate and provide excellent low temperature properties to lubricating oils.

No. of Pages : 22 No. of Claims : 9

(19) INDIA

(22) Date of filing of Application :18/06/2009

(43) Publication Date : 18/03/2016

(54) Title of the invention : PROCESS FOR PREPARIN 1-(2-ETHYL-BUTYL)-CYCLOHEXANECARBOXYLIC ACID

| (51) International classification (31) Priority Document No | :C07C 51/353 :06126724.1 | (71)Name of Applicant : 1)F.HOFFMANN -LA ROCHE AG |
|--|-----------------------------|--|
| (32) Priority Date | :20/12/2006 | Address of Applicant :124, GRENZACHERSTRASSE, CH- |
| (33) Name of priority country | :EUROPEAN | 4070 BASEL, Switzerland |
| | UNION | (72)Name of Inventor : |
| (86) International Application No | :PCT/EP07/63582 | 1)HOFFMANN, URSULA, |
| Filing Date | :10/12/2007 | 2)LOHRI, BRUNO, |
| (87) International Publication No | :WO 2008/074677 | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

ABSTRACT PROCESS FOR PREPARING 1-|2-ETHYL-BUTYL)-CYCLOHEXANECARBOXYLIC ACID The present invention relates to a process for the preparation of 1-(2-ethyl-butyl)-cyclohexanecarboxylic acid which is useful as an intermediate in the preparation of pharmaceutical active compounds.

No. of Pages : 30 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :07/09/2012

(43) Publication Date : 18/03/2016

| (54) Title of the invention : RIVET ELEMENT | | |
|---|--|--|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :F16B :10 2011 113 436.4 :14/09/2011 :Germany :NA :NA :NA :NA :NA :NA :NA | (71)Name of Applicant : 1)PROFIL VERBINDUNGSTECHNIK GMBH & CO. KG Address of Applicant :Otto-Hahn-Strasse 22 24 61381 Friedrichsdorf Germany. Germany (72)Name of Inventor : 1)OLIVER DIEHL 2)RICHARD HUMPERT |
| Filing Date | :NA | |

(57) Abstract :

TITLE: RIVET ELEMENT ABSTRACT The invention relates to a rivet element in particular for attachment to components of fiber composite materials having a rivet section which is formed at least regionally as a spike which tapers in the direction towards a tip and which can be dilated by means of a die button.

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

(19) INDIA

(22) Date of filing of Application :10/09/2012

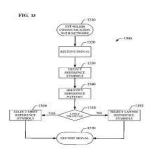
(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD AND APPARATUS TO FACILITATE AN EARLY DECODING OF SIGNALS IN RELAY BACKHAUL LINKS

| (51) International classification(31) Priority Document No(22) Priority Data | :H04B7/26 :61/305093 | (71)Name of Applicant : 1)QUALCOMM INCORPORATED Address of Applicant ATTNL Internetional ID Administration |
|--|-----------------------------------|---|
| (32) Priority Date(33) Name of priority country | | Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A. |
| (86) International Application No Filing Date | :PCT/US2011/025034 :16/02/2011 | (72)Name of Inventor :1)GEIRHOFER Stefan |
| (87) International Publication No(61) Patent of Addition to Application | :WO 2011/103153 | 2)LUO Tao 3)PALANKI Ravi |
| Number Filing Date | :NA :NA | 4)CHEN Wanshi 5)MONTOJO Juan |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

Methods apparatuses and computer program products are disclosed that facilitate an early decoding of relay signals. A relay receives a signal within a sub frame from a network. A first and second reference symbol is detected within the sub frame such that the first reference symbol is detected before the second reference symbol. The signal is then decode based on the first reference symbol.



No. of Pages : 22 No. of Claims : 90

(21) Application No.7794/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/09/2012

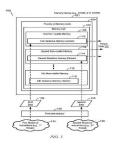
(43) Publication Date : 18/03/2016

(54) Title of the invention : MULTIPLE INSTRUCTION STREAMS MEMORY SYSTEM

| (51) International classificatio (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | n :G11C8/08,G11C8/16,G11C11/16 :12/728506 :22/03/2010 :U.S.A. :PCT/US2011/029477 :22/03/2011 :WO 2011/119641 :NA :NA :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)RAO Hari M. 2)KIM Jung Pill 3)HAGHIGHI Siamack |
|---|---|--|
|---|---|--|

(57) Abstract :

A system comprising a processor processing two threads a memory device in communication with the processor the memory device receiving an input address signal and comprising a plurality of groups of memory cells each group of memory cells including two non volatile memory cells having a same input address each memory cell including a resistive memory element and associated with a corresponding thread.



No. of Pages : 45 No. of Claims : 41

(19) INDIA

(22) Date of filing of Application :10/09/2012

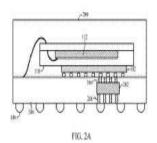
(43) Publication Date : 18/03/2016

(54) Title of the invention : THERMAL VIAS IN AN INTEGRATED CIRCUIT PACKAGE WITH AN EMBEDDED DIE

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No | :H01L23/498,H01L25/065,H01L25/10 :12/714918 :01/03/2010 :U.S.A. :PCT/US2011/026539 :28/02/2011 :WO 2011/109310 | (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)SWEENEY Fifin 2)SHAH Milind P. 3)VELEZ Mario Francisco 4)GASTELUM Damion B. |
|---|--|--|
| (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :NA :NA :NA :NA | |

(57) Abstract :

In a multi module integrated circuit package having a package substrate and package contacts a die is embedded in the package substrate with thermal vias that couple hotspots on the embedded die to some of the package contacts.



No. of Pages : 16 No. of Claims : 17

(22) Date of filing of Application :27/08/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD AND DEVICE FOR SEQUENCING MEMBERS OF MULTIPLE VIRTUAL CONCATENATION GROUPS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :H04J 3/16 :201010276021.8 :07/09/2010 :China :PCT/CN2011/073087 :20/04/2011 : NA :NA :NA :NA :NA | (71)Name of Applicant : 1)ZTE CORPORATION Address of Applicant :ZTE Plaza Keji Road South Hi-Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China (72)Name of Inventor : 1)Sidong ZHANG 2)Jian CHENG |
|---|---|--|
|---|---|--|

(57) Abstract :

The present invention discloses a method and device for sequencing members of multiple Virtual Concatenation Groups, which relates to virtual concatenation technology in optical communication field. The method comprises determining a sequencing queue of all arrived members of the VCGs according to the order of arrival time of the latest member in each of the VCGs, and sequencing members of each of the VCGs in the sequencing queue in turn; and calling a member sequencing result of each of the VCGs when the time of calling the member sequencing result of each of the VCGs and the time of starting sequencing of the members of each of the VCGs being greater than or equal to a preset allowed time interval from sequencing to calling the sequencing result. The technical scheme of the present invention can implement effectively sequencing members in multiple VCGs through a sequencing circuit, thereby significantly reducing the logical resource consumption.

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

(19) INDIA

(22) Date of filing of Application :27/08/2012

(43) Publication Date : 18/03/2016

| (51) International classification | :H04N7/173 | (71)Name of Applicant : |
|--|--------------------|--|
| (31) Priority Document No | :201010126062.9 | 1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY |
| (32) Priority Date | :15/03/2010 | LIMITED |
| (33) Name of priority country | :China | Address of Applicant :Room 403 East Block 2 SEG Park |
| (86) International Application No | :PCT/CN2011/071747 | Zhenxing Road Futian Shenzhen Guangdong 518057 China |
| Filing Date | :11/03/2011 | (72)Name of Inventor : |
| (87) International Publication No | :WO 2011/113331 A1 | 1)LIU Jun |
| (61) Patent of Addition to Application | :NA | |
| Number | :NA :NA | |
| Filing Date | INA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | L |

(54) Title of the invention : DEVICE AND METHOD FOR DOWNLOADING MOVIE FILE

(57) Abstract :

A movie file download device and method are provided by the present invention wherein the device includes a file parsing module a file slicing module a network download module and a previewing and playing module. The file slicing module divides a movie file into slicings according to key frame information received by the file parsing module. The network download module downloads file data according to a file slicing information. The previewing and playing module utilizes this information for quickly previewing movie contents. By the scheme of the present invention users are helped to quickly understand an outline of a movie. Thus the purpose of previewing interested content segments in advance is realized and a waste of download time is avoided.

No. of Pages : 16 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :27/08/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : A PHARMACEUTICAL COMPOSITION COMPRISING AN IKK INHIBITOR AND A HORMONAL SUPPRESSOR

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :A61K 31/00 :60/714,645 :07/09/2005 :U.S.A. :PCT/US2006/33686 :28/08/2006 :WO/2007/030362 :NA :NA :NA :1144/CHENP/2008 | (71)Name of Applicant : 1)LABORATOIRES SERONO S.A. Address of Applicant :CENTRE INDUSTRIEL, 1267 COINSINS, VAUD Switzerland (72)Name of Inventor : 1)PALMER, STEPHEN, S. 2)NATARAJA, SELVARAJ |
|--|--|--|
| (62) Divisional to Application Number Filed on | :1144/CHENP/2008 :28/08/2006 | |

(57) Abstract :

The present invention relates to a pharmaceutical composition comprising an IKK inhibitor, a hormonal suppressor and a pharmaceutically acceptable excipient, wherein the IKK inhibitor is one of the Formulae (V), (VI), (VII), (VII), (IX), (X), (XI) or (XII) as herein described.

No. of Pages : 28 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :07/09/2012

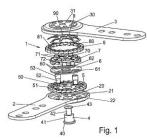
(43) Publication Date : 18/03/2016

| | 111110 | |
|--|--------------------|--|
| | | |
| (51) International classification | :A47C1/026 | (71)Name of Applicant : |
| (31) Priority Document No | :20 2010 000 368.7 | 1)Hettich Franke GmbH & Co. KG |
| (32) Priority Date | :12/03/2010 | Address of Applicant :Hinter dem Ziegelwasen 6/1 32336 |
| (33) Name of priority country | :Germany | Balingen Weilstetten Germany |
| (86) International Application No | :PCT/EP2011/053006 | (72)Name of Inventor : |
| Filing Date | :01/03/2011 | 1)RIEDMLLER Holger |
| (87) International Publication No | :WO 2011/110448 | - |
| (61) Patent of Addition to Application | :NA | |
| Number | :NA :NA | |
| Filing Date | .INA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(54) Title of the invention : LATCHING FITTING

(57) Abstract :

A latching fitting (1), especially for adjusting furniture parts, comprising a first lever (2, 2, 2) and a second lever (3) which is mounted on said first lever (2, 2, 2) in a rotatable manner, with a tooth system (5) which is arranged in the form of a ring around a rotational axis being arranged on the first lever (2, 2, 2), which tooth system engages with a toothed ring (8), with the tooth system (5) and the toothed ring (8) being locked with respect to one another in a first direction of rotation and being rotatable relative to one another about a predetermined angular range in a second direction of rotation, characterized in that the toothed ring (8) is arranged in the manner of a ring and is displaceable via a switching element (6) parallel to the rotational axis relative to a coupling element (7) arranged in the toothed ring (8).



No. of Pages : 17 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :24/08/2012

(43) Publication Date : 18/03/2016

| (54) Title of the invention : GLASS FIBRE COMPOSITION AND COMPOSITE MATERIAL REINFORCED THEREWITH | | | | |
|---|--------------------|---|--|--|
| | | | | |
| (51) International classification | :C03C 13/00 | (71)Name of Applicant : | | |
| (31) Priority Document No | :10152828.9 | 1)3B FIBREGLASS SPRL | | |
| (32) Priority Date | :05/02/2010 | Address of Applicant :Route de Maestricht 67 B-4651 Battice | | |
| (33) Name of priority country | :EPO | Belgium. Belgium | | |
| (86) International Application No | :PCT/EP2011/051677 | (72)Name of Inventor : | | |
| Filing Date | :04/02/2011 | 1)Hendrik DRUART | | |
| (87) International Publication No | : NA | 2)Yves HOUET | | |
| (61) Patent of Addition to Application | :NA | 3)Dimitri LAURENT | | |
| Number | | 4)Oleg PROKHORENKO | | |
| Filing Date | :NA | | | |
| (62) Divisional to Application Number | :NA | | | |
| Filing Date | :NA | | | |

(57) Abstract :

The present invention concerns a glass fibre of quaternary composition comprising SiO2, Al2O3, CaO, and MgO, each present in an amount of at least 5 wt.%, and comprising less than 3.3 wt.% B2O3, and less than 2.0 wt.% fluorine, characterized by: $22,0 < MgO + CaO \le 35.0$ wt%, and $27.0 \le MgO + Al2O3 \le 44.0$ wt%. all amounts being expressed in weight % with respect to the total weight of the composition. It also concerns composite materials reinforced with such fibres, used in applications such as windmill blades, pressure vessels, components in the automotive, machinery, aerospace applications and such products produced therewith. Figure to appear on the first page: Figure 1

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

(19) INDIA

(22) Date of filing of Application :31/08/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : GLASS SUBSTRATE COATED WITH LAYERS HAVING IMPROVED MECHANICAL STRENGTH •

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :C03C 17/34 :1051244 :22/02/2010 :France :PCT/FR2011/050226 :04/02/2011 : NA :NA :NA :NA :NA | (71)Name of Applicant : 1)SAINT-GOBAIN GLASS FRANCE Address of Applicant :18 avenue d[™]Alsace F-92400 Courbevoie France France (72)Name of Inventor : 1)AUVRAY Stephane 2)BRIQUET Clement 3)KUHN Bertrand |
|---|--|---|
|---|--|---|

(57) Abstract :

The present invention relates to: a transparent glass substrate, associated with a transparent electrically conductive layer capable of constituting an electrode of a photovoltaic module, and composed of a doped oxide, characterized by the interposition, between the glass substrate and the transparent electrically conductive layer, of a layer of one or more first nitride(s) or oxynitride(s), or oxide (s) or oxycarbide(s) having good adhesive properties with the glass, then of a mixed layer of one or more second nitride(s) or oxynitride(s) or oxynitride(s) or oxide(s) or oxide(s) or oxide(s) or oxide(s) adhesive properties with the glass, and of one or more third nitride(s) or oxynitride(s) or oxide(s) or oxide(s) or oxide(s) capable of constituting, optionally in the doped state, a transparent electrically conductive layer ,- the process for manufacturing such a substrate; a photovoltaic module, a shaped electrically heated glass, a plasma screen, a flat lamp electrode and a low-emissivity glass comprising such a substrate. Figure: none

No. of Pages : 21 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :18/08/2012

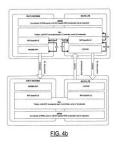
(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING UPLINK CONTROL SIGNALLING IN A MULTI-RADIO ACCESS ENVIRONMENT

| (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | NA NA NA | (71)Name of Applicant : 1)NOKIA CORPORATION Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo Finland Finland (72)Name of Inventor : 1)Zhenhong Li 2)Haifeng Wang 3)Wei Zou 4)Gang Wu |
|---|----------------|---|
|---|----------------|---|

(57) Abstract :

Various methods for providing control signaling in a multi-radio access environment are provided. One example method includes implementing radio resource management and a general link layer jointly across at least two radio access technology modules, and selecting one of the radio access technology modules to perform control signaling in a multi-radio environment. Similar and related example methods and example apparatuses are also provided. FIG.4b



No. of Pages : 39 No. of Claims : 34

(19) INDIA

(22) Date of filing of Application :20/08/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : MOTION VECTOR ESTIMATION METHOD MULTIVIEW IMAGE ENCODING METHOD MULTIVIEW IMAGE DECODING METHOD MOTION VECTOR ESTIMATION DEVICE MULTIVIEW IMAGE ENCODING DEVICE MULTIVIEW IMAGE DECODING DEVICE MOTION VECTOR ESTIMATION PROGRAM MULTIVIEW IMAGE ENCODING PROGRAM AND MULTIVIEW IMAGE DECODING PROGRAM •

| (51) International classification | :H04N 7/32 | (71)Name of Applicant : |
|--|--------------------|---|
| (31) Priority Document No | :2010-037434 | 1)NIPPON TELEGRAPH AND TELEPHONE |
| (32) Priority Date | :23/02/2010 | CORPORATION |
| (33) Name of priority country | :Japan | Address of Applicant :3-1 Otemachi 2-chome Chiyoda-ku |
| (86) International Application No | :PCT/JP2011/053516 | Tokyo 100-8116 Japan |
| Filing Date | :18/02/2011 | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)SHINYA SHIMIZU |
| (61) Patent of Addition to Application | :NA | 2)HIDEAKI KIMATA |
| Number | :NA :NA | 3)NORIHIKO MATSUURA |
| Filing Date | INA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Efficient multiview video encoding is realized even in a situation in which a processing picture cannot be obtained, by accurately estimating a motion vector and simultaneously using an inter-camera correlation and a temporal correlation in prediction of a video signal. A view synthesized picture at a time when a processing picture has been taken is generated from a reference camera video that has been taken by a camera different from a processing camera that has taken the processing picture included in a multiview video based on the same setting as that of the processing camera. A motion vector is estimated by searching for a corresponding region in a reference picture taken by the processing camera using a picture signal on the view synthesized picture corresponding to a processing region on the processing picture without using the processing picture.

No. of Pages : 119 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :20/08/2012

(43) Publication Date : 18/03/2016

| (51) International classification | :G01N 33/53 | (71)Name of Applicant : |
|--|--------------------|---|
| (31) Priority Document No | :2010-039631 | 1)TANAKA KIKINZOKU KOGYO K.K. |
| (32) Priority Date | :25/02/2010 | Address of Applicant : Tokyo Building 7-3 Marunouchi 2- |
| (33) Name of priority country | :Japan | chome Chiyoda-ku Tokyo 100-6422 Japan Japan |
| (86) International Application No | :PCT/JP2011/054073 | (72)Name of Inventor : |
| Filing Date | :24/02/2011 | 1)Yuhiro SAKAKIBARA |
| (87) International Publication No | : NA | 2)Kazuyoshi MOCHIDUKI |
| (61) Patent of Addition to Application | •NI A | 3)Yusuke SHIBAI |
| Number | :NA | 4)Hisahiko IWAMOTO |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(54) Title of the invention : METHOD OF DETECTING RAW PORK AND DETECTION KIT THEREFOR

(57) Abstract :

[Object] To provide preparation of a detection antibody optimal for detecting by immunoassay raw pork in non-heated food with high performance and high sensitivity without causing non-specific reaction, a convenient and high-accuracy detection process using the detection antibody, and a detection kit therefor. [Solution] Provided is an immunochromatographic detection process of a protein derived from raw pork in non-heated food using an antibody specifically recognizing immunoglobulin G contained in raw pork in non-heated food as a detection antibody, an immunochromatography detection apparatus for conducting the detection process, and an immunochromatographic detection kit. [Selected Figure] None

No. of Pages : 38 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :27/08/2012

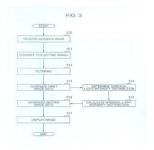
(43) Publication Date : 18/03/2016

(54) Title of the invention : PHOTOACOUSTIC IMAGING APPARATUS PHOTOACOUSTIC IMAGING METHOD AND PROGRAM FOR EXECUTING PHOTOACOUSTIC IMAGING METHOD

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No | 1 | (71)Name of Applicant : 1)CANON KABUSHIKI KAISHA Address of Applicant :30 2 Shimomaruko 3 chome Ohta ku Tokyo 1468501 Japan (72)Name of Inventor : 1)MIYASATO Takuro |
|--|--------------------|---|
| Filing Date (87) International Publication | | |
| No | :WO 2011/122382 A1 | |
| (61) Patent of Addition to Application Number | :NA :NA | |
| Filing Date (62) Divisional to Application | | |
| Number | :NA :NA | |
| Filing Date | | |

(57) Abstract :

An optical property distribution such as an absorption coefficient of the inside of a subject is highly precisely acquired. A photoacoustic imaging apparatus includes an acoustic converting unit configured to receive acoustic waves generated by irradiating a subject with emitted light and to convert the acoustic wave to an electrical signal; and a processing unit configured to determine a light intensity distribution inside the subject on the basis of a light intensity distribution or an illuminance distribution of the light intensity distribution inside the subject and to generate image data on the basis of the electrical signal and the determined light intensity distribution inside the subject.



No. of Pages : 44 No. of Claims : 16

(22) Date of filing of Application :27/03/2009

(43) Publication Date : 18/03/2016

(54) Title of the invention : MACROMOLECULAR AMINE-PHENOLIC ANTIOXIDANT COMPOSITIONS, PROCESS TECHNOLOGY THEREOF, AND USE THEREOF

| (51) International classification | :C07C215/82 | (71)Name of Applicant : |
|---|-----------------|---|
| (31) Priority Document No | :60/829,838 | 1)ALBEMARLE CORPORATION |
| (32) Priority Date | :17/10/2006 | Address of Applicant :451 FLORIDA STREET, BATON |
| (33) Name of priority country | :U.S.A. | ROUGE, LA 70801-1765 U.S.A. |
| (86) International Application No | :PCT/US07/81604 | (72)Name of Inventor : |
| Filing Date | :17/10/2007 | 1)SABAHI, MAHMOOD |
| (87) International Publication No | :WO | 2)GATTO, VINCENT, J |
| (87) International Fublication No | 2008/048989 | 3)ELNAGAR, HASSAN, Y |
| (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 novel macromolecular amine-phenolic compositions having oxidation inhibition characteristics that are exhibited when added to organic material normally susceptible to oxidative degradation in the presence f air or oxygen, such as petroleum products, synthetic polymers, and elastomeric substance, »

No. of Pages : 38 No. of Claims : 16

(21) Application No.7784/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/09/2012

(43) Publication Date : 18/03/2016

(51) International classification :F16K1/46,F16K1/34,G05D16/06 (71)Name of Applicant : :2010059403 1)SMC KABUSHIKI KAISHA (31) Priority Document No (32) Priority Date :16/03/2010 Address of Applicant :4 14 1 Sotokanda Chiyoda ku Tokyo (33) Name of priority country :Japan 1010021 Japan (72)Name of Inventor: (86) International Application :PCT/JP2010/066035 1)ITO Shinichi No :16/09/2010 Filing Date 2)HANADA Michihiro (87) International Publication :WO 2011/114553 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(54) Title of the invention : VALVE STRUCTURE FOR FLUID PRESSURE DEVICE

(57) Abstract :

(27.06.2011)] Claim 1. (Amended) A valve structure for a fluid pressure device having ports (12, 14) for supplying and discharging a pressure fluid, and which is capable of adjusting a flow condition of the pressure fluid that flows in the interior of a body (16) through the ports (12, 14), comprising: a casing (60) disposed displaceably in the interior of the body (16); an annular seal member (62) disposed in the interior of the casing (60), and which is seatable on a valve seat (34) formed in the body (16); and a retaining member (58) disposed in the interior of the casing (60), and which has a first connector (64, 134, 154, 174, 194) projecting in an axial direction of the casing (60) and retains the seal member (62) between the retaining member (58) and the casing (60), wherein the casing (60) and the retaining member (58) are mounted together integrally by connecting the first connector (64, 134, 154, 174, 194) to a second connector (70, 140, 160, 180, 202) projecting in the axial direction of the casing (60), and the seal member (62) are displaceable, through a stem (48) connected to a center portion of the casing (60), in directions to approach toward and separate away from the valve seat (34).

No. of Pages : 42 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :10/09/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : LIGHT EMITTING DEVICE AND METHOD FOR MANUFACTURING SAME

| (51) International classification | :H01L33/48,H01L23/29,H01L23/31 | (71)Name of Applicant : 1)NICHIA CORPORATION |
|--------------------------------------|--------------------------------|---|
| (31) Priority Document No | :2010-293295 | Address of Applicant :491 100 Oka Kaminaka cho Anan shi |
| (32) Priority Date | :28/12/2010 | Tokushima 7748601 Japan |
| (33) Name of priority country | :Japan | (72)Name of Inventor : |
| (86) International Application | :PCT/JP2011/074139 | 1)TAKAHASHI Hiroki |
| No | :20/10/2011 | 2)BANDO Yoshitaka |
| Filing Date | | |
| (87) International Publication No | :WO 2012/090576 A1 | |
| (61) Patent of Addition to | :NA | |
| Application Number | :NA :NA | |
| Filing Date | | |
| (62) Divisional to Application | ¹ :NA | |
| Number | :NA | |
| Filing Date | | |

(57) Abstract :

A light emitting device has: a light emitting element; a metal member having a first face on which the light emitting element is mounted, and a second face that is on the opposite side from the first face; and a translucent member that seals part of the metal member and the light emitting element, the metal member has an element placement portion on which the light emitting element is placed, and a flat portion disposed around the element placement portion, a covering member is disposed on the second face side of the flat portion, and the top and side faces of the covering member are covered by the translucent member.

No. of Pages : 84 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :24/08/2012

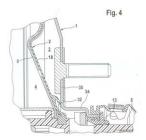
(43) Publication Date : 18/03/2016

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :Germany :PCT/EP2011/051399 :01/02/2011 :WO 2011/095482 :NA :NA | (71)Name of Applicant : 1)CONTINENTAL TEVES AG & CO. OHG Address of Applicant :Guerickestrae 7 60488 Frankfurt Germany (72)Name of Inventor : 1)BECKER Stephan 2)JAKOBI Ralf 3)KLEY Uwe 4)KR,,MER Horst 5)LOEW Albin 6)MAINZ Sven 7)R-SSLER Thomas 8)WAGNER Wilfried |
|---|--|---|
|---|--|---|

(54) Title of the invention : BRAKING FORCE AMPLIFIER

(57) Abstract :

The invention relates to a pneumatic braking force amplifier for a motor vehicle having an amplifier housing (1) the interior thereof being divided by at least one axially displaceable wall (2 39) that can have a pneumatic differential pressure applied thereto into at least one working chamber (3 41) and at least one vacuum chamber (4) having a control valve (12) disposed in a control housing and controlling the differential pressure for connecting the working chamber (3 41) to the vacuum chamber (4) or to the atmosphere wherein the displaceable wall (2 39) comprises a diaphragm disc (8) and a rolling diaphragm (18 38) and wherein the working chamber (3 41) is sealed by means of a sealing ring (13 47) contacting the control housing (5) and tensioned in the radial direction relative to a longitudinal axis L of the braking force amplifier. In order to prevent stick slip and dynamic effects that arise in particular at the sealing ring and that cause background noise according to the invention means are provided for reducing a surface of the displaceable wall (2 39) that is effectively acted upon by subdividing the working chamber (3 4) into a prechamber (30 42) and a main chamber (31 43) at the beginning of an actuation of the braking force amplifier.



No. of Pages : 26 No. of Claims : 13

(22) Date of filing of Application :24/08/2012

(21) Application No.7364/CHENP/2012 A

(43) Publication Date : 18/03/2016

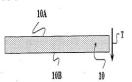
(54) Title of the invention : ADHESIVE COMPOSITION

| <u> </u> | | |
|------------------------------------|-------------------------------|--|
| | | |
| (51) International classification | :C09J9/00,C09J133/14,C09J7/02 | (71)Name of Applicant : |
| (31) Priority Document No | :10-2010-0017661 | 1)LG CHEM LTD. |
| (32) Priority Date | :26/02/2010 | Address of Applicant :20 Yoido dong Youngdungpo gu Seoul |
| (33) Name of priority country | :Republic of Korea | 150 721 Republic of Korea |
| (86) International Application N | o:PCT/KR2011/001406 | (72)Name of Inventor : |
| Filing Date | :28/02/2011 | 1)YOON Sung Soo |
| (87) International Publication No. | o :WO 2011/105878 A2 | 2)KIM No Ma |
| (61) Patent of Addition to | :NA | 3)HWANG In Ho |
| Application Number | :NA | 4)PARK In Kyu |
| Filing Date | INA | 5)LEE Min Ki |
| (62) Divisional to Application | :NA | |
| Number | | |
| Filing Date | :NA | |

(57) Abstract :

The present invention relates to an adhesive composition. According to the present invention an adhesive having different release forces on either side thereof and having a modulus of elasticity which varies in a lengthwise direction can be effectively obtained. By applying the above described adhesive of the present invention an optical member for example a polarizing plate which is thin effectively prevents light leakage and has superior durability can be obtained.

[Fig. 1]



No. of Pages : 59 No. of Claims : 17

(19) INDIA

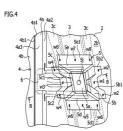
(22) Date of filing of Application :13/09/2012

| (51) International classification | :B62D | (71)Name of Applicant : |
|---|------------------|---|
| (31) Priority Document No | :2011- 224825 | 1)SUZUKI MOTOR CORPORATION Address of Applicant :300 Takatsuka-cho Minami-ku |
| (32) Priority Date | :12/10/2011 | Hamamatsu-shi Shizuoka-Ken Japan Japan |
| (33) Name of priority country | :Japan | (72)Name of Inventor : |
| (86) International Application No | :NA | 1)Shinei MOCHIZUKI |
| Filing Date | :NA | 2)Yoshitaka KURIAGE |
| (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 | |

(54) Title of the invention : SURROUNDING STRUCTURE OF SEAT BRACKET •

(57) Abstract :

[Problem] A surrounding structure of a seat bracket must have a simple structure and be capable of improving the attachment strength of a seat without increase in weight and structural restrictions. [Means for Solving the Problem] A surrounding structure of a seat bracket includes: a side member 3 extending in a front-and-rear direction on a bottom surface of a floor panel 2; a side sill 4 protruding upward from the floor panel 2 and extending in the front-and-rear direction in an area outside the side member 3 in a vehicle-width direction; and a substantially box-shaped seat bracket 5 disposed at a position where the side member 3 and the side sill 4 are close to each other, on a top surface of the floor panel 2 in such a way that a position of the seat bracket 5 in the vehicle-width direction coincides with that of the side member 3. In the surrounding structure of a seat bracket, the side member 3 has a hat-shaped cross section in which an upper end is opened, the side member 3 becomes wider in the vehicle-width direction from a front side toward a rear side, flanges 3c of the side member 3 are attached to the bottom surface of the floor panel 2, a vehicle-width direction outer-side end portion 6a of the brace 6 provided between the side sill 4 and the seat bracket 5 is joined to an upper portion of the side sill 4, and a vehicle-width direction center-side end portion 6b of the brace 6 is joined to an upper portion of the seat bracket 5. [Selected Drawing] FIG 4



No. of Pages : 35 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :19/01/2011

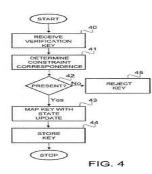
(43) Publication Date : 18/03/2016

| | - · · · · - | |
|---|--------------------|--|
| (51) International classification | :G06F21/00 | (71)Name of Applicant : |
| (31) Priority Document No | :12/214,984 | 1)NOKIA CORPORATION |
| (32) Priority Date | :23/06/2008 | Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo |
| (33) Name of priority country | :U.S.A. | Finland Finland |
| (86) International Application No | :PCT/FI2009/050489 | (72)Name of Inventor : |
| Filing Date | :10/06/2009 | 1)Jan-Erik Ekberg |
| (87) International Publication No | :WO/2009/156568 | 2)Markku Kylnp |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(54) Title of the invention : VERIFICATION KEY HANDLING

(57) Abstract :

A method, an apparatus, and a computer program product for enabling verification key handling is disclosed. Said handling is enabled by receiving a verification key including an identifier of the parent verification key of the verification key (40), wherein the verification key comprises a constraint portion, determining whether the constraint portion of the verification key corresponds to the constraint portion of the parent verification key (41), associating, in case the constraint portion of the verification key corresponds to the constraint portion of the parent verification key, the verification key with a particular state update (43), and storing the verification key associated with the particular state update (44). FIG.4



No. of Pages : 20 No. of Claims : 15

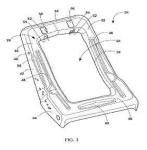
(19) INDIA

(22) Date of filing of Application :11/09/2012

| (54) Title of the invention : ONI (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application N Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :18/02/2011 | (71)Name of Applicant : 1)JOHNSON CONTROLS TECHNOLOGY COMPANY Address of Applicant :915 East 32nd Street Holland Michigan 49423 U.S.A. (72)Name of Inventor : 1)ZEKAVICA Ornela 2)WILSON Phillip W. 3)KESTIAN Anthony M. 4)ALLEN Elizabeth A. 5)WILLIAMSON Mark S. 6)PROSNIEWSKI Joseph F. 7)AMODEO Catherine M. 8)PETROVICH Miodrag Mitch 9)BEDRO Ronald G. 10)LAMONT Edward J. 11)LEIGHTON Michael J. 12)BREWER William Shawn 13)HAYES David J. 14)HICKS Robert J. 15)ERARD Andrew J. 16)BUSS Michael G. 17)HARRIS Mark A. 18)BALIN Alexander I. 19)SAVESKI Alex |
|---|-------------|---|
| | | 20)MICHALAK Eric B. 21)SEIBOLD Kurt A. 22)SAKKINEN Daniel J. 23)PETOUHOFF Nicholas L. |

(57) Abstract :

A seat back structure includes a web extending about a central opening and an inner flange extending about an inner perimeter of the web adjacent to the central opening. The seat back structure also includes an outer flange extending about an outer perimeter of the web. The inner flange the outer flange and the web form a channel extending about the seat back structure and the seat back structure is formed from a single piece of material.



No. of Pages : 27 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :11/09/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : LUBRICATING OIL COMPOSITION FOR CHILLER

(57) Abstract :

pqrsProvided is a lubricating oil composition for chillers which has a low global warming potential due to a lubricating oil composition that contains a base oil and a sulfur containing aromatic compound and is for chillers that use a refrigerant that contains at least one type of fluorine containing organic compound selected from the compounds represented by the molecular formula (A) below or a combination of the aforementioned fluorine containing organic compound and a saturated fluorinated hydrocarbon. The lubricating oil composition is used for chillers that use a refrigerant having a specific structure such as an unsaturated fluorinated hydrocarbon which is a refrigerant that is particularly suitable for existing car air conditioners air conditioners and the like and has excellent compatibility with the aforementioned refrigerant and has excellent thermal and chemical stability. COFR...(A) (In the formula R represents either Cl Br I or H; p is an integer from 1 to 6; q is an integer from 0 to 13; however when q is 0 p is 2 to 6 and a molecule contains at least one carbon carbon unsaturated bond.)

No. of Pages : 98 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :13/09/2012

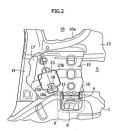
(43) Publication Date : 18/03/2016

(54) Title of the invention : REINFORCEMENT STRUCTURE OF SIDE PANEL OF VEHICLE REAR PART •

| (51) International classification:F16F(31) Priority Document No:2011-(32) Priority Date:04/11/20(33) Name of priority country:Japan(86) International Application No:NAFiling Date:NA(87) International Publication No:NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(63) Patent of Addition Number:NA(64) Patent of Application Number:NA(65) Divisional to Application Number:NA(66) Divisional to Application Number:NA(67) Date:NA | (71)Name of Applicant : 1)SUZUKI MOTOR CORPORATION Address of Applicant :300 Takatsuka-cho Minami-ku Hamamatsu-shi Shizuoka-Ken Japan Japan (72)Name of Inventor : 1)Shunsuke OHTA |
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(57) Abstract :

[Problem to be Solved] A load to an upper side from a rear shock absorber is smoothly transmitted to a vehicle body upper portion via a strut reinforcement, dispersed to a peripheral vehicle body through a quarter center panel to prevent deformation of a window portion, and the strut reinforcement is formed into the shortest shape to achieve reduction in weight. [Solution] A quarter center panel 15 is provided in a region S surrounded by a wheel house inner panel 1, a strut reinforcement 5 which is hat-shaped in section, a quarter inner panel 13 and a quarter pillar reinforcement 14, a lower portion of the strut reinforcement 5 is joined to a rear shock absorber mounting portion 4 provided at the wheel house inner panel 1, an upper portion of the strut reinforcement 5 is joined to an intermediate portion in a vehicle longitudinal direction of a window portion 16 provided in the quarter inner panel 13, the quarter center panel 15 and the strut reinforcement 5 are joined to each other to thereby form a closed sectional portion C which extends in the vehicle vertical direction, and the quarter center panel 15 is joined to a vicinity of a joint portion of the quarter inner panel 13 and the quarter pillar reinforcement 14, whereby a load dispersion surface 17 which expands to a diagonally front side of a vehicle upper side is included. [Selected Drawing] FIG. 2



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

(19) INDIA

(22) Date of filing of Application :27/08/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : DISPOSABLE WEARING ARTICLE

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No | 1 | (71)Name of Applicant : 1)UNICHARM CORPORATION Address of Applicant :182 Shimobun Kinsei cho Shikokuchuo shi Ehime 7990111 Japan (72)Name of Inventor : 1)MUKAI Hirotomo 2)ARAYAMA Takaya |
|---|--------------------------|---|
| (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :NA :NA :NA :NA | |

(57) Abstract :

A disposable diaper 1 has a central elastic member 44 formed along the lengthwise direction L so that the absorber 40 can be curved to be convex in the inward direction and a pair of side slits 42S formed along the lengthwise direction L so that the absorber 40 can be curved to be convex in the outward direction. A thickness of the absorber at the central portion 40C and at the side edge portions 40S are smaller than a thickness of the absorber at the middle portions 40M.

No. of Pages : 36 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :03/09/2012

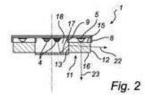
(43) Publication Date : 18/03/2016

(54) Title of the invention : A LIGHT MIXING MODULE AND A LUMINAIRE COMPRISING SUCH A LIGHT MIXING MODULE

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :G02B 6/00 :10156909.3 :18/03/2010 :EPO :PCT/IB2011/051009 :10/03/2011 :WO/2011/114265 :NA :NA :NA :NA | (71)Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN EINDHOVEN 5621 BA NETHERLANDS Netherlands (72)Name of Inventor : 1)VISSENBERG Michel Cornelis Josephus Marie 2)DEKKER Tim |
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(57) Abstract :

A light mixing module (3) for receiving light from a first set of light sources (4) and a second set of light sources (5) said light mixing module comprising: -an annular light guiding element (11) said annular light guiding element having an inner edge (13) a peripheral edge (12) a first intermediate surface (15) extending between said inner and peripheral edges and arranged to face said light sources and a second intermediate surface (16) extending between said inner and peripheral edges opposite said first intermediate surface wherein said inner edge (13) defines a cavity (18) with an opening arranged to face said light sources Fig.2



No. of Pages : 20 No. of Claims : 13

(19) INDIA

(22) Date of filing of Application :13/01/2016

(43) Publication Date : 18/03/2016

(54) Title of the invention : BRAZING ALLOYS

| classification (31) Priority Document No :131 (32) Priority Date :31/ (33) Name of priority country :EP (86) International Application No :PC :31/ (87) International Publication | 23K35/28,B23K35/30,C22C5/06 8178769.9 I/07/2013 PO CT/EP2014/066551 I/07/2014 /O 2015/014968 A A A | (71)Name of Applicant : 1)UMICORE AG & CO. KG Address of Applicant :Rodenbacher Chaussee 4, 63457 Hanau-Wolfgang GERMANY (72)Name of Inventor : 1)WIEHL, Gunther 2)KEMPF, Bernd 3)SCHNEE, Daniel 4)STARCK, Sebastian 5)RIES, Helmut 6)THIEROLF, Steven |
|--|---|--|
|--|---|--|

(57) Abstract :

The present invention relates to novel brazing filler metals comprising copper, silver, zinc, manganese and at least one metal selected from the group indium, gallium and tin, the brazing filler metal is free from cadmium and phosphorus, aside from unavoidable impurities, comprising copper, from 15.5 weight percent to 49 weight percent silver, from 10 weight percent to 35 weight percent zinc, from 6 weight percent to 19 weight percent manganese, from 0.1 weight percent to 5 weight percent of at least one metal selected from the group consisting of Indium, Gallium, Tin and combinations thereof, the balance being copper and unavoidable impurities, with the proviso that if the silver content is from 35 weight percent to 49 weight percent, the manganese content is more than 8 weight percent. The present invention further relates to a sandwich brazing filler metal, Use of the brazing filler metal, and a combination of a brazing filler metal with a flux and a method for joining metal parts by brazing, a brazed article.

No. of Pages : 49 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :14/01/2016

(43) Publication Date : 18/03/2016

(54) Title of the invention : BEARING STRUCTURE FOR MULTI-LINK-TYPE PISTON CRANK MECHANISM FOR INTERNAL COMBUSTION ENGINES

| (51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country | n :F02B75/04,F01M1/06,F02B75/32 :2013-129506 :20/06/2013 :Japan | (71)Name of Applicant : 1)NISSAN MOTOR CO., LTD. Address of Applicant :2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221 0023 JAPAN |
|--|--|---|
| (86) International Application No Filing Date (87) International Publication No | :PCT/JP2014/061558 :24/04/2014 :WO 2014/203618 | (72)Name of Inventor : 1)Hiroaki HOSHIKAWA |
| (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :NA :NA :NA :NA | |

(57) Abstract :

A crankshaft bearing (11) has a pair of main bearing metals (41), and lubricating oil is guided from an oil gallery to an inner circumferential oil groove (43) through an oil passage (33) in the block and a first oil hole (42). Some of the lubricating oil is supplied to a control shaft bearing (17) via a second oil hole (44) and an oil passage (34) in the cap. Lubricating oil is guided from a third oil hole (46) in a pair of control shaft bearing metals (45) to an inner circumferential oil groove (47). The oil groove (43) in the crankshaft bearing (11) functions as an oil channel for supplying lubricating oil to the control shaft bearing (17), thereby achieving a simple configuration.

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

(22) Date of filing of Application :14/01/2016

(43) Publication Date : 18/03/2016

| (54) Title of the invention : KNOCKING SENSOR | | |
|---|----------------------|--|
| | | |
| (51) International classification | :G01H17/00,G01L23/22 | (71)Name of Applicant : |
| (31) Priority Document No | :2013-132832 | 1)NGK SPARK PLUG CO., LTD. |
| (32) Priority Date | :25/06/2013 | Address of Applicant :14-18, Takatsuji-cho, Mizuho-ku, |
| (33) Name of priority country | :Japan | Nagoya-shi, Aichi 467-8525 JAPAN |
| (86) International Application No | :PCT/JP2014/063479 | (72)Name of Inventor : |
| Filing Date | :21/05/2014 | 1)Katsuki AOI |
| (87) International Publication No | :WO 2014/208223 | |
| (61) Patent of Addition to Application | :NA | |
| Number | :NA | |
| Filing Date | .INA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

This knocking sensor is provided with a support member, a piezoelectric element, a pair of electrode parts, a resistor, and a case. The resistor is provided with a resistor body having a metal film, and is parallel-connected to the pair of electrode parts. The resistor is provided with a resistor body having a metal film, and is parallel-connected to the pair of electrode parts. The resistor has an outside film covering the metal film and constituted of a resin material having a higher heat distortion temperature as compared with the resin constituting the case.

No. of Pages : 20 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :14/01/2016

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD AND APPARATUS FOR FEEDING IN AND HANDLING WASTE MATERIAL

(51) International classification :B65F5/00,B65G53/52,B65G53/46 (71)Name of Applicant : (31) Priority Document No :20135801 1)MARICAP OY (32) Priority Date :30/07/2013 Address of Applicant : Pohjantähdentie 17, FI-01450 Vantaa (33) Name of priority country :Finland FINLAND (86) International Application (72)Name of Inventor: :PCT/FI2014/050597 No 1)SUNDHOLM, Göran :29/07/2014 Filing Date (87) International Publication :WO 2015/015054 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

Method for feeding in and for handling waste material in the channel section of a pneumatic wastes conveying system, in which method waste material or recycleable material is fed into a feed-in container (10) from the input aperture (2) of at least two input points (1) of a pneumatic pipe transport system for material and onwards into the channel section (20, 21, 22) between the feed-in container and the material conveying pipe (100), from where the material is conveyed along with the transporting air via the material conveying pipe (100) to the delivery end of the pneumatic material conveying system, where the material is separated from the transporting air. In the method the channel section (20(II), 20(III), 20(IV)... (22(II), (22(III), 22(IV)) of at least one se cond input point is connected to the channel section (20(1), 21(I), 22(I)) of one first input point between the input point (1) and an impeding means (30, 30), in that in the method at least a part of the material (w1, w2, w3, w4) fed in is acted upon by the combined effect of suction and replacement air in the channel section (20(I), 21(I), 22(I)... (20(IV), 21(IV), 22(IV)) by bringing about compression in size in at least a part of the material (w1, w2, w3, w4) fed in is material (30) arranged between the conveying pipe (100) and the material (w1, w2, w3, w4) to be handled, or against the impediment, before transportation of the material to the delivery end of the pneumatic transport system for wastes.

No. of Pages : 57 No. of Claims : 34

(19) INDIA

(22) Date of filing of Application :14/01/2016

(43) Publication Date : 18/03/2016

(54) Title of the invention : APPARATUS FOR ACTING ON MATERIAL TO BE CONVEYED IN A MATERIAL CONVEYING SYSTEM

| | n:B65F5/00,B65G53/04,B65G53/46 | |
|-----------------------------------|--------------------------------|---|
| (31) Priority Document No | :20135801 | 1)MARICAP OY |
| (32) Priority Date | :30/07/2013 | Address of Applicant :Pohjantähdentie 17, FI-01450 Vantaa |
| (33) Name of priority country | :Finland | FINLAND |
| (86) International Application | DCT/EI2014/050509 | (72)Name of Inventor : |
| No | :PCT/FI2014/050598 | 1)SUNDHOLM, Göran |
| Filing Date | :29/07/2014 | |
| (87) International Publication | :WO 2015/015055 | |
| (61) Patent of Addition to | | |
| | :NA | |
| Application Number Filing Date | :NA | |
| (62) Divisional to Application | :NA | |
| Number | | |
| Filing Date | :NA | |

(57) Abstract :

Apparatus for acting on material to be conveyed in a material conveying channel, which apparatus comprises an impeding means (30), which can be arranged in the material conveying channel, which impeding means (30) can be moved between at least two positions, a first position, in which the impeding means (30) extends into the channel space (10) of the material conveying channel, and a second position, in which the impeding means does not essentially extend into the channel space of the material conveying channel. Means (31, 33) are arranged in connection with the impeding means (30), for conducting flowing medium, such as replacement air, from outside the material conveying channel into the channel space (10) of the material conveying channel to the point of, or into the vicinity of, the impeding means (30).

No. of Pages : 23 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :14/01/2016

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD AND APPARATUS FOR FEEDING IN AND HANDLING WASTE MATERIAL

(51) International classification :B65F5/00,B65G53/52,B65G53/46 (71)Name of Applicant : (31) Priority Document No :20135801 1)MARICAP OY (32) Priority Date :30/07/2013 Address of Applicant : Pohjantähdentie 17, FI-01450 Vantaa (33) Name of priority country :Finland FINLAND (86) International Application (72)Name of Inventor: :PCT/FI2014/050596 No 1)SUNDHOLM, Göran :29/07/2014 Filing Date (87) International Publication :WO 2015/015053 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

Method for feeding in and for handling waste material in the channel section of a pneumatic wastes conveying system, in which method waste material or recycleable material is fed into a feed-in container (10) from the input aperture (2) of an input point (1) of a pneumatic pipe transport system for material and onwards into the channel section (20, 21, 22) between the feed-in container and the material conveying pipe (100), from where the material is conveyed along with the transporting air via the material conveying pipe (100) to the delivery end of the pneumatic material conveying system, where the material is separated from the transporting air. In the method the material (w) is acted upon by the combined effect of suction and replacement air in the channel section (20, 21, 22) by bringing about compression in size in at least a part of the material (w) being conveyed, by means of an impediment (30) arranged between the conveying pipe (100) and the material (w) to be handled, or against the impediment, before transportation of the material to the delivery end of the pneumatic transport system for wastes.

No. of Pages : 47 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :14/01/2016

(43) Publication Date : 18/03/2016

(54) Title of the invention : INFORMATION PROCESSING DEVICE, IMAGE PROJECTING SYSTEM, AND COMPUTER PROGRAM

| :2013-153945 :24/07/2013 :Japan :PCT/JP2014/069986 :23/07/2014 :WO 2015/012409 :NA :NA | (71)Name of Applicant : 1)RICOH COMPANY, LIMITED Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 JAPAN (72)Name of Inventor : 1)SUMIYOSHI, Shinichi 2)NAKASHIGE, Fumihiro 3)NAKATA, Otoichi |
|---|---|
| :NA | |
| | :24/07/2013 :Japan :PCT/JP2014/069986 :23/07/2014 :WO 2015/012409 :NA :NA :NA |

(57) Abstract :

An image projecting system includes an image projecting device that projects image data onto a projection surface; and an information processing device connected to the image projecting device. The image projecting device includes a driving control unit, a setting unit, and a synchronization signal output unit. The information processing device includes a receiver, a shooting control unit, a light spot image detector, and an image signal transmitting unit. The receiver receives the synchronization signal from the image projecting device. The shooting control unit causes the image capturing unit to shoot the scene in accordance with the timing specified by the synchronization signal. The light spot image detector detects an image of the light spot generated by the light spot device on the projection surface or its vicinity from image data of the scene shot by the image capturing unit. The image signal transmitting unit transmits projection image data to the image projecting device.

No. of Pages : 53 No. of Claims : 10

(21) Application No.201637001403 A

(19) INDIA

(22) Date of filing of Application :14/01/2016

(43) Publication Date : 18/03/2016

(54) Title of the invention : KEY AND ROTARY CYLINDER LOCK WITH KEY

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) International Application No (51) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (52) Divisional to Application NA NA NA | (71)Name of Applicant : ASSA ABLOY (SCHWEIZ) AG Address of Applicant :Untere Schwandenstrasse 22, CH-8805 Richterswil SWITZERLAND (72)Name of Inventor : WILD, Thomas SPRENGER, Detlef |
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(57) Abstract :

A key (1) for a rotary cylinder lock (2) comprises a key grip (3) and a key shank (4), which adjoins the key grip (3) and extends along a longitudinal axis (L), wherein the key shank (4) has, on its outside (5), control recesses (10), in particular control bores, for properly positioning tumblers on the rotary cylinder lock (2) and also has at least one control element (6) arranged in a movable manner in the key shank (4), which control element (6) has a control surface (8), which interacts with a tumbler (7) of the rotary cylinder lock (2). Furthermore, the key is characterized in that the key shank (4), in the region of the control element (6), has a tapered cross section (9), which is tapered in relation to the cross section (11) with the control recesses (10).

No. of Pages : 42 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :13/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : CANCER TREATMENT USING ANTIBODIES THAT BIND CELL SURFACE GRP78

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date | | (71)Name of Applicant : 1)GILL, Parkash Address of Applicant :29420 Cresthaven Court, Agoura, CA 91301 UNITED STATES OF AMERICA. 2)LIU, Ren (72)Name of Inventor : 1)GILL, Parkash 2)LIU, Ren |
|--|------------|---|
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

This application provides, inter alia, antibodies or antigen-binding fragments thereof, targeting cell surface GRP78 expressed on tumor cells, tumor endothelial cells, and tumor initiating cancer cells. These anti-GRP78 antibodies, or antigen-binding fragments thereof, have a high affinity for GRP78 and are less immunogenic compared to their unmodified parent antibodies in a given species, e.g., a human, and function to inhibit GRP78. Importantly, these isolated novel antibodies and antigen-binding fragments thereof, attenuate PI3K signaling and promote apoptosis in tumor cells, while leaving normal cells unaffected. The antibodies and antigen-binding fragments are useful for UPR- targeted cancer therapeutic treatments.

No. of Pages : 127 No. of Claims : 40

(19) INDIA

(22) Date of filing of Application :13/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHODS OF TREATING PANCREATIC CANCER

| classification:C12Q1/68,G01N35/53,G01N55/574(31) Priority Document No:61/794,788(32) Priority Date:15/03/2013 | (71)Name of Applicant : 1)ONCOMED PHARMACEUTICALS, INC. Address of Applicant :800 Chesapeake Drive, Redwood City, CA 94063-4748 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)HOEY, Timothy, Charles 2)ZHANG, Chun 3)KAPOUN, Ann, M. |
|---|--|
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(57) Abstract :

Novel methods of treating pancreatic cancer are provided. In one embodiment, the method comprises determining NOTCH mRNA expression levels in pancreatic cancer cells. In another embodiment, the method further comprises administering to a subject in need thereof a therapeutically effective dose of a NOTCH antagonist.

No. of Pages : 77 No. of Claims : 31

(19) INDIA

(22) Date of filing of Application :13/10/2015

(43) Publication Date : 18/03/2016

(51) International classification :C08G18/61 (71)Name of Applicant : 1)HEMPEL A/S (31) Priority Document No :13/839,240 (32) Priority Date Address of Applicant :Lundtoftegaerdsvej 91 DK-2800 :15/03/2013 (33) Name of priority country Kongens Lyngby DENMARK :U.S.A. :PCT/US2014/017281 (72)Name of Inventor : (86) International Application No 1)KEUK, Jasmine Filing Date :20/02/2014 (87) International Publication No :WO 2014/149331 2)LUM, Paul, Anthony (61) Patent of Addition to Application 3)WYMAN, Larry, Dale :NA Number 4)GASMENA, Roland, L. :NA Filing Date 5)KOAY, Chiew, W. (62) Divisional to Application Number :NA 6)JOHNSTON, Douglas, E. Filing Date 7)FLANIGAN, Carolina, A. :NA

(54) Title of the invention : POLYSILOXANE MODIFIED POLYISOCYANATES FOR USE IN COATINGS

(57) Abstract :

The invention relates to an isocyanate-terminated polysiloxane material that can preferably be used as a curing agent, hardener or coreactant in coatings. The invention further relates to a method of manufacturing the isocyanate-terminated polysiloxane material by partially hydrolyzing a methoxy-functional polysiloxane such as a methyl phenyl polysiloxane, and reacting it with a polyisocyanate to yield the isocyanate-terminated polysiloxane hardener. The hardener can preferably be used with any isocyanate-reactive functional group of another component to form coating systems, including acrylics, polyesters, epoxies and urethanes.

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

(19) INDIA

(22) Date of filing of Application :13/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : STRETCHABLE BEVERAGE CARTRIDGES AND METHODS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :B65B29/02 :61/786,072 :14/03/2013 | (71)Name of Applicant : 1)STARBUCKS CORPORATION D/B/A STARBUCKS COFFEE COMPANY Address of Applicant :2401 Utah Avenue South, Seattle, WA 98134-1435 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)KOLLER, Izaak 2)JURIS, Amanda 3)IRELAND, Kathleen, L. 4)FLEMING, Jeffrey 5)SADEGHI, Farid 6)MANOUX, Philipe, Roget 7)MACK, Adam, Mekeel 8)DAMMERMANN, Kurt, Philip 9)CRARER, Alan, Scott |
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(57) Abstract :

Present embodiments generally relate to a single-serve beverage cartridge for use with a single-serve coffee brewer. In some embodiments, the cartridge has a body portion, a first filter element, and a second filter element. The cartridge can include a single serving of coffee or another beverage component or precursor. The cartridge can be formed of a biodegradable and/or compostable material. In some embodiments, at least one of the filters is configured to stretch when pressed by a tamping head, thereby allowing the tamping head to be received in the cartridge to facilitate tamping of the beverage component or precursor.

No. of Pages : 51 No. of Claims : 23

(19) INDIA

(22) Date of filing of Application :14/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : MICROPHONE SUPPORT DEVICE FOR SOUND SOURCE LOCALIZATION

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (2) Distributes | :H04R1/40,G01S5/22,G01S7/523 :2013-071479 :29/03/2013 :Japan :PCT/JP2014/052237 :31/01/2014 :WO 2014/156292 :NA :NA | (71)Name of Applicant : 1)NISSAN MOTOR CO., LTD. Address of Applicant :2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0023 JAPAN (72)Name of Inventor : 1)Takaaki YAMANAKA 2)Masaya GOTOU 3)Toshihiko KATO |
|--|---|---|
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

The present invention comprises the following: a ring shaped frame (2); a plurality of fixed arms (4) that project towards the inside of the frame (2); a plurality of movable arms (8) that are longer than the fixed arms (4) and that are removable; and a large number of microphones (14). By accommodating the plurality of movable arms (8) inside of the frame (2) in a radiating state a small size microphone array is constructed as shown in fig. 8(A). Meanwhile by radially extending the plurality of movable arms (8) outside of the frame (2) a large size microphone array is constructed as shown in fig. 8(B). When constructing a circular two dimensional microphone array in this manner by making the size thereof easy to change the microphone array can handle wide frequency sound localization.

No. of Pages : 22 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :14/10/2015

(43) Publication Date : 18/03/2016

| (54) Title of the invention : APPARATUS, SYSTEMS, AND METHODS FOR BATCH AND REALTIME DATA PROCESSING | | | |
|--|--------------------|---|--|
| | | | |
| (51) International classification | :G06F17/30 | (71)Name of Applicant : | |
| (31) Priority Document No | :61/799,817 | 1)SHIMANOVSKY, Boris | |
| (32) Priority Date | :15/03/2013 | Address of Applicant :2417 Bagley Avenue, Los Angeles, CA | |
| (33) Name of priority country | :U.S.A. | 90034 UNITED STATES OF AMERICA. | |
| (86) International Application No | :PCT/US2014/029755 | 2)RANA, AHAD | |
| Filing Date | :14/03/2014 | 3)KOK, Chun | |
| (87) International Publication No | :WO 2014/145088 | (72)Name of Inventor : | |
| (61) Patent of Addition to Application | :NA | 1)SHIMANOVSKY, Boris | |
| Number | :NA | 2)KOK, Chun | |
| Filing Date | .117 | 3)RANA, AHAD | |
| (62) Divisional to Application Number | :NA | | |
| Filing Date | :NA | | |

(57) Abstract :

A traditional data processing system is configured to process input data either in batch or in real-time. On one hand, a batch data processing system is limiting because the batch data processing often cannot take into account any data received during the batch data processing. On the other hand, a real-time data processing system is limiting because the real-time system often cannot scale. The real-time data processing system is often limited to dealing with primitive data types and/or a small amount of data. Therefore, it is desirable to address the limitations of the batch data processing system and the real-time data processing system.

No. of Pages : 47 No. of Claims : 23

(21) Application No.3425/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : ONLINE CPR TRAINING AND CERTIFICATION

(57) Abstract :

Disclosed are web-based CPR training and certification platforms comprising: 1) a controller device comprising: a first mode for collecting student compression data; a second mode for collecting student breath data; and a software module for transmitting the data to a server application; and 2) a server processor configured to provide an application comprising: a training mode, a practice mode, and a certification mode; a software module for providing a student interface; and a software module for providing an instructor interface. Optionally, feedback on student CPR psychomotor skills is provided in the form of a single-player or multi-player game played by performing the skills

No. of Pages : 54 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :14/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : NANOPARTICLE-BASED COMPOSITIONS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number | :14/03/2013 :U.S.A. :PCT/US2014/029000 :14/03/2014 :WO 2014/153087 :NA | (71)Name of Applicant : PRESIDENT AND FELLOWS OF HARVARD COLLEGE Address of Applicant :17 Quincy Street, Cambridge, MA (2138 UNITED STATES OF AMERICA. MASSACHUSETTS INSTITUTE OF TECHNOLOGY THE BRIGHAM AND WOMEN'S HOSPITAL, INC (72)Name of Inventor : STARY, Georg RADOVIC-MORENO, Aleksandar, Filip BASTO, Pamela, A. STARNBACH, Michael, N. LANGER, Robert |
|--|---|--|
| Filing Date (62) Divisional to | :NA | 6)FAROKHZAD, Omid,C. 7)ANDRIAN, Ulrich, Von |
| Application Number Filing Date | :NA :NA | |

(57) Abstract :

Provided herein are new compositions including an inactivated pathogen and one or more adjuvant-loaded polymeric nanoparticles, wherein the adjuvant-loaded nanoparticles are bound to the inactivated pathogen. These compositions are useful for preventing and/or treating diseases caused by the specific pathogens, especially when administered to a subjects mucosal membranes.

No. of Pages : 95 No. of Claims : 79

(22) Date of filing of Application :14/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD AND APPARATUS TO ADAPT THE NUMBER OF HARQ PROCESSES IN A DISTRIBUTED NETWORK TOPOLOGY

| (51) International classification (31) Priority Document No | :H04J3/06 :61/784,395 | (71)Name of Applicant : 1)ZTE WISTRON TELECOM AB |
|--|--------------------------|---|
| (32) Priority Date | :14/03/2013 | Address of Applicant :Kista Science Tower, 19tr., Farogatan |
| (33) Name of priority country | :U.S.A. | 33, S-164 51 Kista SWEDEN |
| (86) International Application No | :PCT/US2014/028833 | 2)ZTE (TX) INC. |
| Filing Date | :14/03/2014 | (72)Name of Inventor : |
| (87) International Publication No | :WO 2014/153048 | 1)SVEDMAN, Patrick |
| (61) Patent of Addition to Application | :NA | 2)JOHANSSON, Jan |
| Number | :NA | 3)SCHIER, Thorsten |
| Filing Date | .11/1 | 4)HADJISKI, Bojidar |
| (62) Divisional to Application Number | :NA | 5)CAO, Aijun |
| Filing Date | :NA | 6)GAO, Yonghong |

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(57) Abstract :

A system includes a downlink transmitter unit, a downlink scheduler unit, and an uplink receiver unit. At least one of the units is located at a physically separate location from others of the units, and the at least one of the units communicates with the others of the units over a backhaul. A controller that allocates a number of hybrid automatic repeat request (HARQ) processes according to any communication delays caused by the backhaul.

No. of Pages : 28 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :14/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : LOW HEAD TO STEM RATIO POPPET VALVE

| classification:F16K31/122,F16K15/06,F04B49/22(31) Priority Document No:61/781,655(32) Priority Date:14/03/2013(33) Name of priority country:U.S.A. | (71)Name of Applicant : 1)DRESSER-RAND COMPANY Address of Applicant :Paul Clark Drive, Olean, New York 14760 UNITED STATES OF AMERICA. 2)HATCH, Glenn D. 3)SANFORD, Joel T. (72)Name of Inventor : 1)HATCH, Glenn D. 2)SANFORD, Joel T. |
|---|--|
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(57) Abstract :

A valve member for a poppet valve is provided. The valve member may include a valve stem, a valve head, a face formed on the valve head, a sealing surface disposed between the face and the perimeter of the valve head, a tapered socket, and a bevel. The valve stem may include an outside surface defining a stem diameter. The valve head may include a maximum diameter greater than the stem diameter. The face may be formed on the valve head opposite the valve stem. The sealing surface may include a transition ring disposed between the perimeter of the face and the maximum diameter of the valve head. The tapered socket may be disposed in an end of the valve stem, defining an opening with a socket perimeter sized to receive a spring therein.

No. of Pages : 23 No. of Claims : 20

(22) Date of filing of Application :14/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD AND APPARATUS TO USE MORE TRANSMISSION OPPORTUNITIES IN A DISTRIBUTED NETWORK TOPOLOGY WITH LIMITED HARQ PROCESSES

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application | :H04L1/18 :61/784,682 :14/03/2013 :U.S.A. :PCT/US2014/029188 :14/03/2014 :WO 2014/153125 :NA | (72)Name of Inventor :1)SVEDMAN, Patrick2)JOHANSSON, Jan |
|---|---|--|
| (87) International Publication No | :WO 2014/153125 :NA :NA :NA :NA | 1)SVEDMAN, Patrick |

(57) Abstract :

A system includes a downlink transmitter unit, a downlink scheduler unit, and an uplink receiver unit. At least one of the units is located at a physically separate location from others of the units and the at least one of the units communicates with the others of the units over a backhaul. The downlink transmitter unit transmits a block of data to a user equipment (UE) for each hybrid automatic repeat request (HARQ) process regardless of whether the downlink transmitter unit has received an acknowledged (ACK) or a not acknowledged (NACK) scheduling decision.

No. of Pages : 19 No. of Claims : 1

(19) INDIA

(22) Date of filing of Application :14/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : SEQUESTRANTS OF ADVANCED GLYCATION END PRODUCT (AGE) PRECURSORS

| (32) Priority Date (33) Name of priority country (86) International Application No Filing Date | :PCT/US2014/024436 :12/03/2014 | (71)Name of Applicant : 1)GENZYME CORPORATION Address of Applicant :500 Kendall Street, Cambridge, Massachusetts 02142 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)HOLMES-FARLEY, Stephen, Randall 2)DHAL, Pradeep 3)BESEV, Magnus |
|--|-----------------------------------|--|
| (87) International Publication No | :WO 2014/150873 | 4)MILLER, Robert, J. 5)PAPOULIS, Andrew, T. |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | ^h :NA :NA | |

(57) Abstract :

Sequestrants of AGE precursors comprise amines separated by 2, 3 or 4 carbons. Sequestrants of AGE precursors can be used as pharmaceutical agents and in pharmaceutical compositions. The sequestrants of AGE precursors are particularly useful binding AGE precursors and dietary dicarbonyls in mammals in the gastrointestinal tract for the treatment of ailments such as diabetic nephropathy, chronic renal disease, atherosclerosis, stroke, cataracts, and Alzheimers disease.

No. of Pages : 81 No. of Claims : 122

(22) Date of filing of Application :14/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD OF MAKING AN ABSORBENT COMPOSITE AND ABSORBENT ARTICLES EMPLOYING THE SAME

| (51) International classification (31) Priority Document No | :A61F13/49 :61/801,620 | (71)Name of Applicant : 1)DSG TECHNOLOGY HOLDING LTD |
|--|---------------------------|---|
| (32) Priority Date | :15/03/2013 | Address of Applicant :Craigmuir Chambers, P.O. Box 71, |
| (33) Name of priority country | :U.S.A. | Road Town, Tortola BRITISH VIRGIN ISLANDS VIRGIN |
| (86) International Application No | :PCT/US2014/030051 | ISLANDS |
| Filing Date | :15/03/2014 | (72)Name of Inventor : |
| (87) International Publication No | :WO 2014/145312 | 1)WRIGHT, Andrew |
| (61) Patent of Addition to Application | :NA | 2)VARONA, Eugenio |
| Number | :NA | 3)SMID, Anne |
| Filing Date | .11/1 | 4)SMID, Dennis |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Disclosed is an absorbent core composite for a disposable absorbent article. The absorbent composite has a first fabric, a body side second fabric, and a plurality of aggregates of superabsorbent particles (SAP) situated between the first fabric second fabric. About each of a plurality of the SAP aggregates, an arrangement of spaced apart bond sites secure the second fabric to the first fabric and form a pocket in which the SAP aggregate is secured between the first fabric and the second fabric. The body side second fabric is a bulky nonwoven including fibers that entangle at least some particles in the SAP aggregate.

No. of Pages : 76 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION (21) Application No.3433/KOLNP/2015 A (19) INDIA (22) Date of filing of Application :14/10/2015 (43) Publication Date : 18/03/2016 (54) Title of the invention : MYCELIATED PRODUCTS AND METHODS FOR MAKING MYCELIATED PRODUCTS FROM CACAO AND OTHER AGRICULTURAL SUBSTRATES (51) International classification :A23L1/30,A23L1/36 (71)Name of Applicant : (31) Priority Document No 1)MYCOTECHNOLOGY, INC. :61/802,256 (32) Priority Date Address of Applicant :12635 E, Montview Blvd, Suite 375, :15/03/2013 (33) Name of priority country Aurora, Colorado 80045 UNITED STATES OF AMERICA. :U.S.A. (86) International Application No :PCT/US2014/029998 (72)Name of Inventor : Filing Date :15/03/2014 1)KELLY, Brooks John (87) International Publication No :WO 2014/145265 2)LANGAN, James Patrick (61) Patent of Addition to Application 3)----:NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present invention provides a method for the preparation of a myceliated cacao bean or other agricultural product. This method providing cacao beans or other agricultural substrate and sterilizing the cacao beans or other agricultural substrate to provide prepared cacao beans or other agricultural substrate, and a step of inoculating the prepared cacao beans or other agricultural substrate with a prepared fungal component and culturing the inoculum to prepare the myceliated product. The methods of the instant invention result in prepared cacao beans or other agricultural substrate having reduced levels of undesirable taste components, such as theobromine or 2-methoxy-3-isopropylpyrazine, and increased levels of myceliation products, such as beta glucans, pyrazines and polysaccharides, relative to starting cacao beans or other agricultural substrate.

No. of Pages : 70 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :14/10/2015

(43) Publication Date : 18/03/2016

(51) International classification :G06F17/30 (71)Name of Applicant : (31) Priority Document No 1)RANA, Ahad :61/799,817 (32) Priority Date Address of Applicant :2424 Banyan Drive, Los Angeles, CA :15/03/2013 (33) Name of priority country 90049 UNITED STATES OF AMERICA. :U.S.A. (86) International Application No 2)SHIMANOVSKY, Boris :PCT/US2014/029724 (72)Name of Inventor : Filing Date :14/03/2014 (87) International Publication No :WO 2014/145069 1)RANA, Ahad (61) Patent of Addition to Application 2)SHIMANOVSKY, Boris :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : APPARATUS, SYSTEMS, AND METHODS FOR PROVIDING LOCATION INFORMATION

(57) Abstract :

The disclosed apparatus, systems, and methods relate to a location query mechanism that can efficiently determine whether a target entity is located within a region of interest (ROI). At a high level, the location query mechanism can be configured to represent a ROI using one or more polygons. The location query mechanism can, in turn, divide (e.g., tessellate) the one or more polygons into sub-polygons. Subsequently, the location query mechanism can use the sub-polygons to build an index system that can efficiently determine whether a particular location is within any of the sub-polygons. Therefore, when a computing device queries whether a particular location is within the region of interest, the location query mechanism can use the index system to determine whether the particular location is within any of the sub-polygons.

No. of Pages : 61 No. of Claims : 34

(19) INDIA

(22) Date of filing of Application :15/10/2015

(43) Publication Date : 18/03/2016

:A61M5/20,A61M5/315 (71)Name of Applicant : (51) International classification (31) Priority Document No **1)CAREBAY EUROPE LTD** :1350376-8 (32) Priority Date :25/03/2013 Address of Applicant :Suite 3, Tower Business Centre, Tower (33) Name of priority country Street, Swatar, BKR 4013 MALTA :Sweden (86) International Application No (72)Name of Inventor: :PCT/EP2014/054902 Filing Date :12/03/2014 1)HOLMQVIST, Anders (87) International Publication No :WO 2014/154490 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(54) Title of the invention : MEDICAMENT DELIVERY DEVICE COMPRISING A LOCKING MECHANISM

(57) Abstract :

A Medicament delivery device comprises: a tubular housing having a proximal end and an opposite distal end; an injection drive configured to exert force on a medicament container to expel medicament; and an injection drive holder configured to releasably hold the injection drive in a pre-tensioned state before injection of the medicament. The injection drive holder comprises a tubular extension part for receiving the injection drive to be axially movable therein and a release ring coaxially arranged on the tubular extension part, the release ring being axially movable between proximal and distal positions along the outer surface of the tubular extension part. The tubular extension part is configured to engage with the injection drive when the release ring is at the proximal position and release the injection drive as the release ring moves distally leaving the proximal position.

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

(22) Date of filing of Application :15/10/2015

(21) Application No.3451/KOLNP/2015 A

(43) Publication Date : 18/03/2016

| (51) International classification | :A61J7/04 | (71)Name of Applicant : |
|--|--------------------|--|
| (31) Priority Document No | :61/800,973 | 1)MAKEFIELD LLC |
| (32) Priority Date | :15/03/2013 | Address of Applicant :110 Terry Drive, Suite 100, Newtown, |
| (33) Name of priority country | :U.S.A. | PA 18940 UNITED STATES OF AMERICA U.S.A. |
| (86) International Application No | :PCT/US2014/029940 | (72)Name of Inventor : |
| Filing Date | :15/03/2014 | 1)AKDOGAN, Kutadgu |
| (87) International Publication No | :WO 2014/145218 | 2)VEPURI, Kalyan, C. |
| (61) Patent of Addition to Application | :NA | 3)VON HEIFNER, Christian |
| Number | :NA | |
| Filing Date | .111. | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| (57) Abstract . | | 1 |

(54) Title of the invention : NETWORKED MANAGEMENT OF DISPENSABLES

(57) Abstract :

A system enables dispensing, tracking, storage, processing, analysis, management, fulfillment and/or commerce relating to dispensables, such as consumables. The system may include packages that hold consumables and function either independently or in concert with numerous smart configuration devices, such as tabletop machines or mobile machines, as well as remote servers, databases, and other cloud-based resources. A distributed software layer ties all devices and packages together and adds advanced interactivity, communication, analysis, and self-regulation functionality.

No. of Pages : 101 No. of Claims : 177

(19) INDIA

(22) Date of filing of Application :15/10/2015

(21) Application No.3452/KOLNP/2015 A

(43) Publication Date : 18/03/2016

| (51) International classification | :G06F17/30,G06F9/44 | (71)Name of Applicant : |
|--|---------------------|---|
| (31) Priority Document No | :61/802,104 | 1)BEEONICS, INC. |
| (32) Priority Date | :15/03/2013 | Address of Applicant :610 Lincoln Street, Suite 100, Waltham, |
| (33) Name of priority country | :U.S.A. | Massachusetts 02451 UNITED STATES OF AMERICA. |
| (86) International Application No | :PCT/US2014/027076 | (72)Name of Inventor : |
| Filing Date | :14/03/2014 | 1)CHIUSSI, Fabio |
| (87) International Publication No | :WO 2014/152210 | 2)HEGDE, Parameshwar |
| (61) Patent of Addition to Application | :NA | |
| Number | :NA | |
| Filing Date | | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | · |

(54) Title of the invention : A SYSTEM FOR MOBILE APPLICATION SEARCH

(57) Abstract :

A Searchable Application Representation is generated with the exact structure, content, functionality, and behavior of the Native Mobile Applications and is searchable by Search Engines by providing metadata pointing to the Native Mobile Applications. The Search Engine searches the Searchable Application Representation. When the Search Engine finds the Searchable Application Representation, Pointer, Metadata and Search Material to Corresponding Native Mobile Application on the Internet, the Search Engine becomes aware of the Native Mobile Application and can search the Content contained in the Searchable Application Representation. The Search Engine finds and ranks Content in the Searchable Representation and Pointer, Metadata, and Search Material corresponding to such Content in the Native Mobile Application is passed to the Search Engine, which can use such information to determine the relevancy of such Content according to a certain Search Criteria.

No. of Pages : 30 No. of Claims : 20

(22) Date of filing of Application :15/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : APPARATUS, SYSTEMS, AND METHODS FOR ANALYZING CHARACTERISTICS OF ENTITIES OF INTEREST

(57) Abstract :

The present disclosure relates to apparatus, systems, and methods for analyzing characteristics of entities of interest. In particular, the present disclosure provides a mechanism for analyzing information about entities of interest and for rating or scoring the entities of interest based on the analyzed information. The rating or the score of an entity of interest can sometimes be referred to as a placerank value of an entity of interest.

No. of Pages : 42 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :15/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : SPHERICAL CONTACT BALL JOINT STYLE SPOOL RELIEF VALVE

| (51) International classification | :B01D27/00,B01D27/10 | (71)Name of Applicant : |
|--|----------------------|---|
| (31) Priority Document No | :61/793,850 | 1)MANN+HUMMEL PUROLATOR FILTERS LLC |
| (32) Priority Date | :15/03/2013 | Address of Applicant :3200 Natal Road, Fayetteville, NC |
| (33) Name of priority country | :U.S.A. | 28306 UNITED STATES OF AMERICA. |
| (86) International Application No | :PCT/US2014/026268 | (72)Name of Inventor : |
| Filing Date | :13/03/2014 | 1)AHUJA, Rajan |
| (87) International Publication No | :WO 2014/151698 | 2)CLINE, L., Steven |
| (61) Patent of Addition to Application | :NA | |
| Number | :NA :NA | |
| Filing Date | INA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | 1 |

(57) Abstract :

A cartridge forming part of a fluid filter includes a filter element, an end cap overlying one end of the filter element, a central tube having one end secured to the end cap, a biasing element, and a relief valve having a valve piston with a head that is biased by the biasing element into engagement with a valve seat formed by an underside of the end cap. The valve seat is configured so that it has a curvature that is larger than that of the head of the valve piston. In the particular arrangement disclosed, a second end cap overlies another end of the filter element, axially opposite the end cap mentioned, and is also secured to the central tube. Preferably, at least one of the central tube and the valve piston defines a depending pilot for supporting an end of the biasing element.

No. of Pages : 17 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :15/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification | :G06N5/04 | (71)Name of Applicant : |
|--|--------------------|--|
| (31) Priority Document No | :61/799,846 | 1)SU, Jeffrey |
| (32) Priority Date | :15/03/2013 | Address of Applicant :1714 Stoner Ave, #3, Los Angeles, CA |
| (33) Name of priority country | :U.S.A. | 90025 UNITED STATES OF AMERICA. |
| (86) International Application No | :PCT/US2014/029737 | 2)SHIMANOVSKY, Boris |
| Filing Date | :14/03/2014 | (72)Name of Inventor : |
| (87) International Publication No | :WO 2014/145076 | 1)SU, Jeffrey |
| (61) Patent of Addition to Application | :NA | 2)SHIMANOVSKY, Boris |
| Number | :NA | |
| Filing Date | INA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(54) Title of the invention : CROWDSOURCING DOMAIN SPECIFIC INTELLIGENCE

(57) Abstract :

The present disclosure provides apparatus, systems, and methods for crowdsourcing domain specific intelligence. The disclosed crowdsourcing mechanism can receive domain specific intelligence as a data processing rule module. For example, a data analytics system can request a crowd of software developers to provide a data processing rule module tailored to process a particular type of information from a particular domain. When the data analytics system can use the received data processing rule module to process information associated with the particular domain.

No. of Pages : 36 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :15/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : ELECTROCHEMICAL PROCESS AND SYSTEM FOR PRODUCING GLUCOSE :H01M8/06,C12Q1/54 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)SOLIS HERRERA, Arturo :61/787,338 (32) Priority Date :15/03/2013 Address of Applicant : López Velarde 108 y 109, Colonia (33) Name of priority country :U.S.A. Centro, CP 20000 Aguascalientes MEXICO (72)Name of Inventor : (86) International Application No :PCT/IB2014/000315 Filing Date :12/03/2014 1)SOLIS HERRERA, Arturo (87) International Publication No :WO 2014/140740 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

An electrochemical process and system for producing glucose and glucose precursors are described. The process and system allow for the production of glucose from carbon dioxide and water, requiring only melanin, or a precursor, derivative, analog, or variant of melanin, and electromagnetic energy, such as visible or invisible light energy.

No. of Pages : 18 No. of Claims : 19

(21) Application No.3462/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification | :A61M25/00,A61M25/14 | (71)Name of Applicant : |
|--|----------------------|---|
| (31) Priority Document No | :61/787,286 | 1)PATIENT CENTERED MEDICAL INCORPORATED |
| (32) Priority Date | :15/03/2013 | Address of Applicant :5181 Remington Drive, Brentwood |
| (33) Name of priority country | :U.S.A. | Tennessee 37027 UNITED STATES OF AMERICA. |
| (86) International Application No | :PCT/US2014/029265 | (72)Name of Inventor : |
| Filing Date | :14/03/2014 | 1)ROBERTS, John R. |
| (87) International Publication No | :WO 2014/144732 | 2)LEVIT, Eran |
| (61) Patent of Addition to Application | :NA | 3)BLOOM, Maya |
| Number | :NA :NA | 4)ROBERTS, Timothy |
| Filing Date | INA | 5)BLOOM, Janet |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | 1 |

(54) Title of the invention : ASPIRATION CATHETERS, SYSTEMS, AND METHODS

(57) Abstract :

The aspiration catheters, systems and methods include a catheter having an elongated body with a cross-section having a flat side and a curve near the distal end. The first side of the cross-section can contact a first side of a delivery lumen in a first orientation, and a second side of the cross-section contacts the first side of the delivery lumen in a second orientation rotated 180 from the first orientation. The curve can be directed 90 relative to a normal of the flat side. The systems and methods can utilize two catheters, and a key joint formed with the two catheters which can rotationally fix the catheters with respect to each other, and the first and second catheters each include at least one pre-formed curve near the distal end. The two catheters can be moved proximally and distally for positioning in the right and left bronchi.

No. of Pages : 107 No. of Claims : 71

(19) INDIA

(22) Date of filing of Application :15/10/2015

(43) Publication Date : 18/03/2016

| (34) The of the invention . WOETT EAT | | CHELL |
|--|--------------------|--|
| | | |
| (51) International classification | :A61F13/15 | (71)Name of Applicant : |
| (31) Priority Document No | :61/799,075 | 1)DSG TECHNOLOGY HOLDINGS LTD |
| (32) Priority Date | :15/03/2013 | Address of Applicant :Craigmuir Chambers, P.O.box 71, Road |
| (33) Name of priority country | :U.S.A. | Town, Tortola BRITISH VIRGIN ISLANDS |
| (86) International Application No | :PCT/US2014/030066 | (72)Name of Inventor : |
| Filing Date | :15/03/2014 | 1)VARONA, Eugenio, G. |
| (87) International Publication No | :WO 2014/145326 | 2)TSANG, Patrick, King Yu |
| (61) Patent of Addition to Application | :NA | 3)WRIGHT, Andrew |
| Number | | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
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(54) Title of the invention : MULTI-LAYERED ABSORBENT ARTICLE

(57) Abstract :

A thin absorbent composite is provided wherein a nonwoven support sheet is hydro-entangled with a carded fiber web to provide a nonwoven substrate. The nonwoven substrate is coated with an absorbent layer comprising microfibrillated cellulose-coated superabsorbent polymer particles. A cover layer is placed above the absorbent layer to provide the absorbent composite. A process for manufacturing the absorbent composite and an absorbent article containing the absorbent composite are also provided.

No. of Pages : 38 No. of Claims : 40

(22) Date of filing of Application :15/10/2015

(21) Application No.3464/KOLNP/2015 A

(43) Publication Date : 18/03/2016

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|--|---------------------|--|
| | | |
| | | (71)Name of Applicant : |
| (51) International classification | :A47C7/40,A47C31/02 | 1)HAWORTH, INC. |
| (31) Priority Document No | :61/790,582 | Address of Applicant : One Haworth Center, Holland, MI |
| (32) Priority Date | :15/03/2013 | 49423 UNITED STATES OF AMERICA. |
| (33) Name of priority country | :U.S.A. | (72)Name of Inventor : |
| (86) International Application No | :PCT/US2014/028161 | 1)POTRYKUS, Martin |
| Filing Date | :14/03/2014 | 2)LADUKE, Pete |
| (87) International Publication No | :WO 2014/143958 | 3)HALL, Jason |
| (61) Patent of Addition to Application | :NA | 4)SCHOLMA, Timothy |
| Number | | 5)CZUMAJ-BRONT, Nicolai |
| Filing Date | :NA | 6)BELLINGAR, Teresa |
| (62) Divisional to Application Number | :NA | 7)WELSH, Michael |
| Filing Date | :NA | 8)WILKERSON, Larry |
| - | | 9)FLEET, Kyle |

(54) Title of the invention : OFFICE CHAIR

(57) Abstract :

A back support (12) for a chair includes a chair frame (20), a pair of upright support posts (18) mounted to the chair frame (20), the upright support posts (18) being laterally flexible with respect to the chair frame (20), a plurality of flexible support arms (21) extending laterally outwardly from the upright support posts (18), the support arms (21) each including a peripheral edge (23), the support arms (21) including a first set of support arms extending in a first lateral direction from the upright posts (18) and a second set of support arms extending in a second direction from the upright posts (18); and a material (42) extending in tension between the peripheral edges (23) of the first set of support arms and the peripheral edges (23) of the second set of support arms such that at least a central portion of the material (42) is spaced from the support arms (21).

No. of Pages : 60 No. of Claims : 15

(22) Date of filing of Application :14/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : A NOVEL SYNERGISTIC HERBAL FORMULATION FOR CARDIOVASCULAR DISEASES, AUTOIMMUNE, INFLAMMATORY AND INFECTIOUS DISEASES AND THE PROCESS OF PREPARING THE SAME

| (51) International classification | :A61K31/352, A61K39/00 | (71)Name of Applicant : 1)AKHAWRI SHANKAR |
|---|---------------------------|---|
| (31) Priority Document No | :NA | Address of Applicant :245, NEW A.G. CO. OPERATIVE |
| (32) Priority Date | :NA | COLONY, KADRU, RANCHI, JHARKHAND.INDIA |
| (33) Name of priority country | :NA | (72)Name of Inventor : |
| (86) International Application No | :NA | 1)AKHAWRI SHANKAR |
| 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 invention relates to a novel synergistic herbal formulation for cardiovascular diseases, autoimmune, inflammatory and infectious diseases etc. More particularly, the present invention relates to the herbal formulation for cardiovascular diseases, autoimmune, inflammatory and infectious diseases etc which is prepared by using mixture of pongamia pinnata and Dalbergia sissoo (shishu). Moreover this invention relates to the process for the preparation of the above composition.

No. of Pages : 48 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : NON-CONTACT POWER SUPPLY SYSTEM AND POWER SUPPLY DEVICE

| (51) International classification | :H02J17/00,B60L11/18,B60M7/00 | (71)Name of Applicant : |
|---|-----------------------------------|--|
| (31) Priority Document No | :2013-072228 | 1)NISSAN MOTOR CO., LTD. |
| (32) Priority Date | :29/03/2013 | Address of Applicant :2, Takara-cho, Kanagawa-ku |
| (33) Name of priority country | :Japan | Yokohama-shi, Kanagawa 221-0023, JAPAN |
| (86) International Application No Filing Date | :PCT/JP2014/058091 :24/03/2014 | (72)Name of Inventor : 1)Yukinori TSUKAMOTO |
| (87) International Publication No | :WO 2014/157091 | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

A power supply device 1 that supplies power train a power transmission coil 11 to a power reception coil 21 that is provided to a vehicle 2 in a non-contact manner by means of at least a magnetic coupling, comprising: a communication means that receives a startup signal for activating the power supply device 1 from a vehicle 2 that is running by wireless communication; a notification means for notifying a state of the power supply device 1; a detection means for detecting the state of the power supply device 1 based on the startup signal; and a control means for controlling the notification means based on a detection result of the detection means; wherein, the detection means detects a non-contact power supply possible state, which represents a state in which power can be supplied from the power transmission coil 11 in a noncontact manner, the control means sets a notification state of the notification means to a first notification state, when the detection means detects the non-contact power supply possible state, when the detection means is not detecting the non-contact power supply possible state.

No. of Pages : 68 No. of Claims : 7

(21) Application No.3473/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification | :H02J17/00,H02J7/00 | (71)Name of Applicant : |
|--|---------------------|--|
| (31) Priority Document No | :2013-072241 | 1)NISSAN MOTOR CO., LTD. |
| (32) Priority Date | :29/03/2013 | Address of Applicant :2, Takara-cho, Kanagawa-ku |
| (33) Name of priority country | :Japan | Yokohama-shi, Kanagawa 221-0023, JAPAN |
| (86) International Application No | :PCT/JP2014/055740 | (72)Name of Inventor : |
| Filing Date | :06/03/2014 | 1)Tomofumi OKAMOTO |
| (87) International Publication No | :WO 2014/156533 | |
| (61) Patent of Addition to Application | .NI A | |
| Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(54) Title of the invention : NON-CONTACT POWER SUPPLY SYSTEM

(57) Abstract :

This non-contact power supply system is provided with: a power transmission coil; a conversion means, which converts power of a power transmission-side power supply, and outputs power to the power transmission coil; a power transmission-side controller that controls the conversion means; a power reception coil, which receives power from the power transmission coil in a non-contact manner by means of at least magnetic coupling, and which supplies power to a load electrically connected to the power reception coil; a smoothing means that smoothes the power received by means of the power reception coil; a sensor that detects a current flowing in the smoothing means or a voltage of the smoothing means; and a power reception-side controller that acquires a detection value of the sensor. The power transmission-side controller transmits information from the power transmission side to the power reception side by controlling the current value or the output time of an output current to the power transmission coil from the conversion means, and the power reception-side controller receives the information by acquiring an encoded value from the detection value.

No. of Pages : 49 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : NON-CONTACT POWER SUPPLY SYSTEM

| (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No | :H02J17/00,B60L11/18,B60M7/00 :2013-072234 :29/03/2013 :Japan :PCT/JP2014/058092 :24/03/2014 :WO 2014/157092 | (71)Name of Applicant : 1)NISSAN MOTOR CO., LTD. Address of Applicant :2, Takara-cho, Kanagawa-ku Yokohama-shi, Kanagawa 221-0023, JAPAN (72)Name of Inventor : 1)Yukinori TSUKAMOTO |
|---|--|---|
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

In this non-contact power supply system that, by means of at least magnetic coupling, supplies electricity in a non-contact manner between a power transmission coil 11 provided to a power supply device 1 and a power reception coil21 provided to a vehicle 2: the vehicle 2 is provided with a transmission means that, by means of a wireless communication, transmits from the vehicle 2 to the power supply device I a startup signal that starts up the power supply device I; the power supply device 1 is provided with a reception means that receives the startup signal and a control means that controls the power supply device on the basis of the startup signal received by the reception means; the transmission means transmits a first startup signal when the vehicle 2 is traveling, and transmits a second startup signal when the vehicle 2 is stopped; and the control means controls the electricity supply device according to a first control flow when the first startup signal has been received, and controls the power supply device 1 according to a second control flow when the second startup signal has been received.

No. of Pages : 67 No. of Claims : 2

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification | :G06K9/00 | (71)Name of Applicant : |
|--|--------------------|--|
| (31) Priority Document No | :61/807,512 | 1)CLARKSON UNIVERSITY |
| (32) Priority Date | :02/04/2013 | Address of Applicant :8 Clarkson Ave., Potsdam, NY 13699 |
| (33) Name of priority country | :U.S.A. | UNITED STATES OF AMERICA. |
| (86) International Application No | :PCT/US2014/032654 | (72)Name of Inventor : |
| Filing Date | :02/04/2014 | 1)SCHUCKERS, Stephanie |
| (87) International Publication No | :WO 2014/165579 | 2)JOHNSON, Peter |
| (61) Patent of Addition to Application | :NA | |
| Number | :NA | |
| Filing Date | .11A | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | • |

(54) Title of the invention : FINGERPRINT PORE ANALYSIS FOR LIVENESS DETECTION

(57) Abstract :

Various examples of systems, methods, and programs embodied in computer-readable mediums are provided for fingerprint liveness detection. Fingerprint liveness may be determined by evaluating pixels of a fingerprint image to identify pores along a ridge segment of the fingerprint image. A circular derivative operator can be used to identify the pores. Liveness of the fingerprint can be determined based upon features of the identified pores.

No. of Pages : 40 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD AND APPARATUS FOR APPLYING ASSISTANCE INFORMATION FOR TRAFFIC STEERING IN WIRELESS COMMUNICATION SYSTEM

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :H04B7/26 :61/811,124 :12/04/2013 :U.S.A. :PCT/KR2014/003104 :10/04/2014 :WO 2014/168427 :NA :NA :NA :NA | (71)Name of Applicant : 1)LG ELECTRONICS INC. Address of Applicant :128, Yeoui-daero, Yeongdeungpo-gu, Seoul, 150-721 REPUBLIC OF KOREA (72)Name of Inventor : 1)LEE, Jaewook 2)JUNG, Sunghoon 3)KIM, Sangwon |
|---|--|--|
|---|--|--|

(57) Abstract :

A method and apparatus for applying assistance information for traffic steering between a 3rd generation partnership project (3GPP) access network and a non-3GPP access network in a wireless communication system is provided. A user equipment (UE) receives assistance information for traffic steering through a dedicated signaling from an eNodeB (eNB), and starts a timer upon entering an idle mode. The UE applies the assistance information received through the dedicated signaling until the timer expires. After the timer expires, the UE applies assistance information received through a broadcast signaling.

No. of Pages : 44 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : SUPPLEMENTAL DEVICE FOR USE WITH AN INJECTION DEVICE, A METHOD OF OPERATION THEREOF, AND A COMPUTER PROGRAM FOR CONTROLLING A SUPPLEMENTAL DEVICE TO PERFORM THE METHOD

| (51) International classification | :A61M5/24,A61M5/31 | (71)Name of Applicant : |
|--|--------------------|---|
| (31) Priority Document No | :13164760.4 | 1)SANOFI-AVENTIS DEUTSCHLAND GMBH |
| (32) Priority Date | :22/04/2013 | Address of Applicant : Brüningstraße 50, 65929 Frankfurt am |
| (33) Name of priority country | :EPO | Main GERMANY |
| (86) International Application No | :PCT/EP2014/057790 | (72)Name of Inventor : |
| Filing Date | :16/04/2014 | 1)HEUMANN, Gnter |
| (87) International Publication No | :WO 2014/173775 | 2)BLEI, Gertrud |
| (61) Patent of Addition to Application | :NA | |
| Number | :NA :NA | |
| Filing Date | .INA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A supplemental device for use with an injection device, the supplemental device comprising: a plurality of light sources each being configured to illuminate a surface portion of an injection device, in use, with light of a different wavelength; at least one sensor for generating sensor outputs indicative of the respective intensities of light of different wavelengths reflected from the surface portion; and a processor for: controlling the plurality of light sources to illuminate the surface portion with light of first to third different wavelengths; obtaining first to third values for sensor outputs corresponding to the first to third different wavelengths respectively; performing one or more calculations using at least the first and second values to provide one or more further values; and using the third value and the or each further value, but not the first and second values, to determine a property of the injection device.

No. of Pages : 31 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

| (54) Title of the invention : A SUPPLEM | ENTARY DEVICE FOR | A MANUALLY OPERABLE INJECTION DEVICE |
|---|---|--|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :A61M5/24 :13164754.7 :22/04/2013 :EPO | (71)Name of Applicant : (71)Name of Applicant : (71)SANOFI-AVENTIS DEUTSCHLAND GMBH Address of Applicant :Brüningstraße 50, 65929 Frankfurt am Main GERMANY (72)Name of Inventor : (72)Name of Inventor : 1)ALLERDINGS, Alexander 2)HAUPT, Martin 3)RITTENBACHER, Erich |

(57) Abstract :

The present invention relates to a supplementary device for a manually operable injection device. The device has a body and a mating unit configured to releasably mount the body to the injection device in a specific position relative to an outside surface of the injection device.

No. of Pages : 52 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : ADDITIVE COMPOSITION FOR AMINE HARDENERS, USE OF SAID ADDITIVE COMPOSITION, AND AMINE HARDENER COMPOSITION CONTAINING SAID ADDITIVE COMPOSITION

| (51) International classification | :C04B26/04,C04B26/16,C04B28/02 | (71)Name of Applicant : 1)HILTI AKTIENGESELLSCHAFT |
|---|--|---|
| (31) Priority Document No | :102013205347.9 | Address of Applicant :Feldkircherstr. 100, FL-9494 Schaan |
| (32) Priority Date | :26/03/2013 | LIECHTENSTEIN |
| (33) Name of priority country | :Germany | (72)Name of Inventor : |
| (86) International Application No Filing Date | ¹ :PCT/EP2014/055935 :25/03/2014 | 1)KUMRU, Memet-Emin |
| (87) International Publication No | :WO 2014/154675 | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | ¹ :NA :NA | |

(57) Abstract :

The invention relates to an additive composition, which comprises a thickener and a thixotropic agent and is characterized in that the thickener is cellulose or a derivative thereof and that the thixotropic agent is a pyrogenically produced silicic acid, the surface of which is modified with groups of general formula (I) -SiRaR1bOR2c (I), in which a can equal 1, 2, or 3, b can equal 0, 1, or 2, and c can equal 0, 1, or 2, wherein a + b + c = 3, and R can be a monovalent, optionally monounsaturated or polyunsaturated, optionally branched hydrocarbon group having 1 to 24 carbon atoms, R1 can be a likewise monovalent, optionally monounsaturated or polyunsaturated or polyunsaturated, optionally branched hydrocarbon group having 1 to 20 carbon atoms, and R2 can be a hydrogen atom, a monovalent, optionally monounsaturated or polyunsaturated, optionally branched hydrocarbon group having 1 to 20 carbon atoms, and R2 can be a hydrogen atoms, or a bond to another Si atom, with the stipulation that at least one of the groups R or R1 is a hydrocarbon group having more than 3 carbon atoms.

No. of Pages : 14 No. of Claims : 18

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

| (54) Title of the invention : CAMERA L | ENS MODULE | |
|---|--|--|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :G03B17/02,G03B3/10 :10-2013-0034730 :29/03/2013 :Republic of Korea :PCT/KR2014/002686 :28/03/2014 :WO 2014/157998 :NA :NA :NA :NA | (71)Name of Applicant : 1)JA HWA ELECTRONICS CO., LTD. Address of Applicant :1217, Chungcheong-daero, Bugi- myeon, Cheongwon-gun, Chungcheongbuk-do 363-922 REPUBLIC OF KOREA (72)Name of Inventor : 1)KIM, Hee Seung 2)KIM, In Soo 3)KANG, II Gyu |

(57) Abstract :

Disclosed is a camera lens module of a portable terminal. The camera lens module includes an external case; an OIS carrier disposed in the external case; a lens system which is guided along an optical axis in the OIS carrier; an AF driving unit facing to a first surface of the external case and which enables the lens system to move; a first OIS driving unit disposed in parallel along a second surface of the external case at the other side opposite to the first surface on which the AF driving unit is disposed; and a second OIS driving unit disposed in parallel along a third surface of the external case between the first OIS driving unit and the AF driving unit.

No. of Pages : 31 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : ORGANIC PHOSPHOR-FUNCTIONALIZED NANOPARTICLES AND COMPOSITIONS COMPRISING THE SAME

(57) Abstract :

Provided is a phosphor-functionalized nanoparticle that includes an inorganic nanoparticle core; surface polymer brushes that include a plurality of long-chain polymers bonded to the surface of the inorganic nanoparticle core, said long-chain polymers each having molecular weight greater than 500, and a plurality of short-chain polymers bonded to the surface of the inorganic nanoparticle core, said short-chain polymers each having molecular weight less than 0.5 times the average molecular weight of the long-chain polymers; and one or more organic phosphors bonded to at least one of the inorganic nanoparticle core and one or more of the plurality of shortchain polymers. Graft density of the short-chain polymers on the surface of the inorganic nanoparticle core (σ SC) is greater than graft density of the long-chain polymers on the surface of the inorganic nanoparticle core (σ LC). Also provided are polymer matrices, LEDs, optical systems, lighting devices, and fixtures that include the inventive nanoparticle.

No. of Pages : 33 No. of Claims : 42

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification | :B23B51/06 | (71)Name of Applicant : |
|--|--------------------|--|
| (31) Priority Document No | :NA | 1)OSG CORPORATION |
| (32) Priority Date | :NA | Address of Applicant :22, Honnogahara 3-chome, Toyokawa- |
| (33) Name of priority country | :NA | shi, Aichi 4420005 JAPAN |
| (86) International Application No | :PCT/JP2013/058794 | (72)Name of Inventor : |
| Filing Date | :26/03/2013 | 1)TAKAI Kazuteru |
| (87) International Publication No | :WO 2014/155527 | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(54) Title of the invention : THREE-BLADED DRILL WITH CUTTING FLUID SUPPLY HOLE

(57) Abstract :

Provided is a three-bladed drill that obtains, without decreasing drill rigidity, a sufficient supply of cutting fluid through a cutting fluid supply hole even without increasing the cutting fluid supply pressure. A cutting fluid supply hole (22) that is provided in a groove (16) has a fan shape cross-section enclosed by: a front inner wall face (FH) that is located in the radial direction on the side in the forward direction of rotation (RT) of a three-bladed drill (10); a back inner wall face (RH) that faces, in the circumferential direction, the front inner wall face (FH) and that is located in the radial direction on the side in the reverse direction of rotation (RT) of the three-bladed drill (10); an outer circumferential inner wall face (OH) comprising a partial face of a cylinder centered around the center line (C) of the three-bladed drill (10); and an inner circumferential inner wall face (IH) that faces, in the radial direction, the outer circumferential inner wall face (OH), and that comprises a partial face of a cylinder centered around the center line (C) of the three-bladed drill (10) with a radius of curvature (R2) that is smaller than the radius of curvature (R1) of the cylinder for the outer circumferential inner wall face (OH). Therefore, the core diameter can be ensured and the speed of the cutting fluid in the cutting fluid supply hole (22) can be increased even when the supply pressure of the cutting fluid is not increased, thereby increasing the supply of the cutting fluid.

No. of Pages : 35 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application | :B66C3/14,G01S17/06 :U20134096 :17/04/2013 :Finland :PCT/FI2014/050285 :17/04/2014 :WO 2014/170554 :NA | (71)Name of Applicant : 1)KONECRANES PLC Address of Applicant :Koneenkatu 8, FI-05830 Hyvinkää FINLAND (72)Name of Inventor : 1)MANNARI, Ville 2)NIEMINEN, Ari 3)LEHTIÖ, Jussi |
|---|---|---|
| | | |

(54) Title of the invention : GRABBER FOR LOAD HANDLING APPARATUS AND CRANE

(57) Abstract :

A grabber (102, 202) for a load handling apparatus, comprising an optical distance measuring device (104, 204, 304) and fastening means (106, 206, 306a-c) that fasten the optical distance measuring device (104, 204, 304) in a flexible manner to the grabber. The grabber (102, 202) may be provided in a crane, such as a boom crane, bridge crane, container crane or gantry crane.

No. of Pages : 33 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification | :C0/K7/64,A61K38/12 | (71)Name of Applicant : |
|--|---------------------|---|
| (31) Priority Document No | :13001657.9 | 1)POLYPHOR AG |
| (32) Priority Date | :30/03/2013 | Address of Applicant :Hegenheimermattweg 125, CH-4123 |
| (33) Name of priority country | :EPO | Allschwil SWITZERLAND |
| (86) International Application No | :PCT/EP2014/056285 | (72)Name of Inventor : |
| Filing Date | :28/03/2014 | 1)OBRECHT, Daniel |
| (87) International Publication No | :WO 2014/161782 | 2)LUTHER, Anatol |
| (61) Patent of Addition to Application | :NA | 3)BERNARDINI, Francesca |
| Number | | 4)ZBINDEN, Peter |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(54) Title of the invention : BETA-HAIRPIN PEPTIDOMIMETICS

(57) Abstract :

Beta-hairpin peptidomimetics of the general formula (I), cyclo(P1-p2-p3-p4-p5-p6- p7p8p9-p10-p11-p12-T1-T2], and pharmaceutically acceptable salts thereof, with P1 to P12, T1 and T2 being elements as defined in the description and the claims, have broad spectrum Gram-negative antimicrobial activity to e.g. inhibit the growth or to kill microorganisms such as Klebsiella pneumoniae and/or Acinetobacter baumannii and/or Escherichia coli. They can be used as medicaments to treat or prevent infections or as disinfectants for foodstuffs, cosmetics, medicaments or other nutrient-containing materials. These peptidomimetics can be manufactured by a process which is based on a mixed solid- and solution phase synthetic strategy.

No. of Pages : 79 No. of Claims : 22

(22) Date of filing of Application :20/10/2015

(21) Application No.3517/KOLNP/2015 A

(43) Publication Date : 18/03/2016

| (51) International classification | :H04R1/04 | (71)Name of Applicant : |
|---|--------------------|--|
| (31) Priority Document No | :13/917,097 | 1)KOSS CORPORATION |
| (32) Priority Date | :13/06/2013 | Address of Applicant :4129 North Port Washington Avenue, |
| (33) Name of priority country | :U.S.A. | Milwaukee, WI 53212-1052 UNITED STATES OF AMERICA. |
| (86) International Application No | :PCT/US2014/039743 | (72)Name of Inventor : |
| Filing Date | :28/05/2014 | 1)KOSS, Michael, J. |
| (87) International Publication No | :WO 2014/200693 | 2)BLAIR, Nick, S. |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | 3)PELLAND, Michael, J. |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| (57) Alestreat | | 1 |

(54) Title of the invention : MULTI-MODE, WEARABLE, WIRELESS MICROPHONE

(57) Abstract :

A microphone assembly that captures audio/voice recordings and wirelessly transmits them to different desired network destinations based on an operating mode specified by the user. The microphone assembly may comprise a non-graphical-display user interface tap detection circuit, through which a user of the microphone assembly controls operation of the microphone assembly. For example, the user may tap the user interface tap detection circuit, and different tap sequences may correspond to different operating modes for the microphone assembly may also comprise a clip for clipping the microphone assembly to a garment of the user.

No. of Pages : 25 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : APPARATUS AND PROCEDURE FOR THE IMMISSION OF ELECTRIC ENERGY

| (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (34) Priority Date (35) International Application No (36) International Application No (37) International Publication No (38) International Publication No (39) International Publication No (30) International Publication No (31) International Publication No (32) International Publication No (32) International Publication No (34) International Publication No (34) International Publication No (36) International Publication No (37) International Publication No (38) International Publication No (39) International Publication No (31) International Publication No (31) International |
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|---|

(57) Abstract :

It refers to an apparatus and a procedure for the immission of electric energy supplied by a device supplying electric energy in a preexisting electric circuit (C), connected to a source of electric energy (R), in which one or more electric users (E) may be connected to said electric circuit (C). Said apparatus comprises adjusting means that makes the electric circuit autonomous so as to avoid that the source of electric energy (R) has to supply electric energy to the same electric circuit (C).

No. of Pages : 44 No. of Claims : 23

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification:A61M5/315(71)Name of Applicant :(31) Priority Document No:13163087.31)SANOFI(32) Priority Date:10/04/2013Address of Applicant :54 rue La Boétie, F-75008 Paris(33) Name of priority country:EPOFRANCE(86) International Application No:PCT/EP2014/056989(72)Name of Inventor : | (54) Title of the invention : INJECTION I | DEVICE | |
|--|--|---|---|
| Filing Date:08/04/20141)JONES, Matthew(87) International Publication No:WO 2014/1669082)BILTON, Simon Lewis(61) Patent of Addition to Application:NA:NANumber:NA:NA(62) Divisional to Application Number:NAFiling Date:NAFiling Date:NA | (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :A61M5/315 :13163087.3 :10/04/2013 :EPO :PCT/EP2014/056989 :08/04/2014 :WO 2014/166908 :NA :NA :NA | 1)SANOFI Address of Applicant :54 rue La Boétie, F-75008 Paris FRANCE (72)Name of Inventor : 1)JONES, Matthew |

(57) Abstract :

The invention refers to an injection device comprising a housing (10; 410), a resilient member (90; 510) adapted to provide a force necessary for ejecting a dose from the injection device, and a dose setting member (80, 60) operatively connected to a dose indicator (120; 480) which is positioned within the housing (10; 410). The dose setting member (80, 60; 420, 440) and the dose indicator (120; 480) cooperate to set the dose to be ejected from the injection device. The dose indicator (120; 480), during dose setting, is adapted to undergo a mere rotational movement within the housing (10; 410) and relative to the housing (10; 410).

No. of Pages : 50 No. of Claims : 15

JN (21) Appli

(21) Application No.3503/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification | :H02J17/00.B60L11/18 | (71)Name of Applicant : |
|---|----------------------|--|
| (31) Priority Document No | :2013-072239 | 1)NISSAN MOTOR CO. LTD. |
| (32) Priority Date | :29/03/2013 | Address of Applicant :2, Takara-cho, Kanagawa-ku |
| (33) Name of priority country | :Japan | Yokohama-shi, Kanagawa 221-0023, JAPAN |
| (86) International Application No | :PCT/JP2014/058094 | (72)Name of Inventor : |
| Filing Date | :24/03/2014 | 1)Yukinori TSUKAMOTO |
| (87) International Publication No | :WO 2014/157094 | |
| (61) Patent of Addition to Application Number | :NA :NA | |
| Filing Date (62) Divisional to Application Number Filing Date | :NA :NA | |

(54) Title of the invention : NON-CONTACT POWER SUPPLY SYSTEM

(57) Abstract :

In this contactless electricity supply system, which provides power between the electricity transmission coil (11) of an electricity supply device (1) and the electricity reception coil (21) of a vehicle (2): the vehicle (2) is provided with a vehicle-side communication means, which transmits a permission signal that permits electricity transmission from the electricity transmission coil (11) to the electricity reception coil (21) with respect to one electricity supply device (1) among a plurality of electricity supply devices (1) and contains identification information for the one electricity supply device (1), a power detection means, which detects received power, and a determination means, which determines whether paired communication has been established between the vehicle (2) and the electricity supply device (1); the electricity supply device (1) is provided with an electricity ransmission coil (11) to output power to the electricity reception coil (21); the control means outputs power from the electricity transmission coil (11) to the electricity reception coil (21); when the identification information of the electricity supply device (1) matches the identification information contained in the permission signal received by the electricity-supply-device-side communication means; and the determination means determines that paired communication means; and the power has been established between the vehicle (1) when power has been detected by the power detection means.

No. of Pages : 66 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : CHEWING GUM WITH LONG-LASTING FRESHNESS AND ITS MANUFACTURING PROCESS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :A23G4/06,A23G4/14,A23L1/22 :MI2013A000685 :24/04/2013 :Italy :PCT/EP2014/058179 :23/04/2014 o :WO 2014/173922 :NA :NA :NA | (71)Name of Applicant : 1)PERFETTI VAN MELLE S.P.A. Address of Applicant :Via XXV Aprile, 7, I-20020 Lainate (Milano) ITALY (72)Name of Inventor : 1)COLLE, Roberto 2)BALDI, Gianni 3)DELEO, Maurizio |
|--|---|---|
|--|---|---|

(57) Abstract :

The present invention relates to chewing gums that impart a long-lasting cooling sensation during chewing. Said chewing gums comprise a refreshing synergistic combination of two ingredients which are separated from one another: a cooling flavour in the form of solid particulate matter, and a cooling mixture. The invention also relates to methods of obtaining said chewing gums.

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

(19) INDIA

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : COATED CHEWING GUM AND ITS PROCESS OF MANUFACTURE

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application Not Filing Date (87) International Publication Not (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application | :23/04/2014):WO 2014/173924 :NA :NA | (71)Name of Applicant : 1)PERFETTI VAN MELLE S.P.A. Address of Applicant :Via XXV Aprile, 7, I-20020 Lainate (Milano) ITALY (72)Name of Inventor : 1)COLLE, Roberto 2)BALDI, Gianni 3)DELEO, Maurizio |
|---|---|--|
| e | :NA :NA | |

(57) Abstract :

The present invention relates to chewing gum having a coating with a satin effect and optionally containing a filling in the form of particulate matter. The invention also relates to methods of obtaining said chewing gum.

No. of Pages : 26 No. of Claims : 11

(21) Application No.3509/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : HYBRID STRUCTURE AND CONSTRUCTION METHOD FOR SAME

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) Priority Date (35) International Application No (36) International Publication No (37) International Publication (38) International Publication (39) International Publication (39) International Publication (30) International Publication (31) Publication (32) Publication (32) Publication (33) Publication (34) Publication (35) Publication (36) Publication (36) Publication (37) Publication (38) Publication<th>D13Address of Applicant :25-2, Sendagaya 4-chome, Shibuya-ku Tokyo 1518570 JAPAN2014/001578(72)Name of Inventor : 1)SINGH, Ravi</th><th>1,</th> | D13Address of Applicant :25-2, Sendagaya 4-chome, Shibuya-ku Tokyo 1518570 JAPAN2014/001578(72)Name of Inventor : 1)SINGH, Ravi | 1, |
|--|---|----|
|--|---|----|

(57) Abstract :

The purpose of the present invention is to make the cross section of a post smaller and improve the seismic performance of a building. PC steel wires (22) project upward from the four corners of an upper edge (10A) of a concrete post (10). A beam-to-post joint (14) has a steel beam section (12A), top and bottom band plates (30) attached to the top and bottom of the steel beam section (12A), an enclosing plate (32) that delimits the interior space and that is attached in between and around the top and bottom band plates (30), concrete (34) that is poured into the interior space, and a plurality of insertion holes (36A, 36B). For the beam-to-post joint (14), the bottom band plate (30) is mounted to the upper edge (10A) of the concrete post (10), and the PC steel wires (22) pass through the insertion holes (36A, 36B) and project upward from the top band plate (30). A tensile force is applied to the PC steel wires (22) on the top band plate (30), and the concrete post (10) and the beam-to-post joint (14) are pre-stressed.

No. of Pages : 17 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :23/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : SUPPLEMENTAL DEVICE FOR ATTACHMENT TO AN INJECTION DEVICE

| (51) Internationalclassification(31) Priority Document No | :A61M5/24,A61M5/315,A61B5/00 :NA | (71)Name of Applicant : 1)SANOFI-AVENTIS DEUTSCHLAND GMBH Address of Applicant :Brüningstraße 50, 65929 Frankfurt am |
|---|-------------------------------------|---|
| (32) Priority Date | :NA | Main GERMANY |
| (33) Name of priority country | :NA | (72)Name of Inventor : |
| (86) International Application No Filing Date | :PCT/EP2013/058322 :22/04/2013 | 1)BLEI, Gertrud 2)BENEDIX, Günther 3)BOCK, Mario |
| (87) International Publication No | :WO 2014/173434 | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

A supplemental device for attachment to an injection device including a dosage window (13) covering a sleeve on which dose values are marked is provided. The supplemental device comprises: a main body (20); an arrangement for supporting the main body of the supplemental device in a predetermined positional relationship with the injection device; a transparent protection window (80) located at a surface of the main body that is aligned with the dosage window of the injection pen when in use; and a sensor (25) arrangement supported in the main body and having a sensor directed at the protection window. The protection window has an optical power. The protection window may be a cylindrical lens or a toric lens.

No. of Pages : 72 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :23/10/2015

(43) Publication Date : 18/03/2016

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|--|--------------------|---|
| | | |
| (51) International classification | :C07K7/08,C07K7/64 | (71)Name of Applicant : |
| (31) Priority Document No | :13001656.1 | 1)POLYPHOR AG |
| (32) Priority Date | :30/03/2013 | Address of Applicant :Hegenheimermattweg 125, CH-4123 |
| (33) Name of priority country | :EPO | Allschwil SWITZERLAND |
| (86) International Application No | :PCT/EP2014/056278 | (72)Name of Inventor : |
| Filing Date | :28/03/2014 | 1)OBRECHT, Daniel |
| (87) International Publication No | :WO 2014/161781 | 2)LUTHER, Anatol |
| (61) Patent of Addition to Application | :NA | 3)BERNARDINI, Francesca |
| Number | | 4)ZBINDEN, Peter |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | |

(54) Title of the invention : BETA-HAIRPIN PEPTIDOMIMETICS

(57) Abstract :

Beta-hairpin peptidomimetics of the general formula (I), cyclo[P1-p2-p3-p4-p5-p6- p7-p8.p9- p10-p11-p12-T1-T2], a nd pharmaceutically acceptable salts thereof, with P1 to P12, T1 and T2 being elements as defined in the description and the claims, have Gram- negative antimicrobial activity to e.g. inhibit the growth or to kill microorganisms such as Klebsiella pneumoniae and/or Acinetobacter baumannii and/or Escherichia coli. They can be used as medicaments to treat or prevent infections or as disinfectants for foodstuffs, cosmetics, medicaments or other nutrient-containing materials. These peptidomimetics can be manufactured by a process which is based on a mixed solid- and solution phase synthetic strategy.

No. of Pages : 114 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :23/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : DEVICE COMPONENT OF A PNEUMATIC WASTE CONVEYING SYSTEM

| (61) Patent of Addition to Application :NA Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Data :NA | (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :20135409 :22/04/2013 :Finland :PCT/FI2014/050248 :08/04/2014 :WO 2014/174146 :NA :NA :NA | (71)Name of Applicant : MARICAP OY Address of Applicant :Pohjantähdentie 17, FI-01450 Vantaa FINLAND (72)Name of Inventor : SUNDHOLM, Göran |
|---|--|---|---|
| Filing Date :NA | | | |

(57) Abstract :

Device component of a pneumatic waste conveying system, which device component comprises a frame structure arrangement. A device component (10, 20, 30), such as a separating device, material container, press device or pump device unit, in the frame structure arrangement is arranged in a supported manner at least partly inside a support body framework (11, 31), which support body framework (11, 31) is configured to function as a freight transport container, and that the support body framework is configured to function as a support body for the device component at the installation site.

No. of Pages : 17 No. of Claims : 11

(19) INDIA

(22) Date of filing of Application :23/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification | :A61M5/315,A61M5/24 | (71)Name of Applicant : |
|---|---------------------|---|
| (31) Priority Document No | :1350464-2 | 1)CAREBAY EUROPE LTD |
| (32) Priority Date | :12/04/2013 | Address of Applicant :Suite 3, Tower Business Centre, Tower |
| (33) Name of priority country | :Sweden | Street, Swatar, BKR 4013 MALTA |
| (86) International Application No | :PCT/EP2014/055983 | (72)Name of Inventor : |
| Filing Date | :25/03/2014 | 1)BERGENS, Thomas |
| (87) International Publication No | :WO 2014/166735 | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(54) Title of the invention : MEDICAMENT DELIVERY DEVICE

(57) Abstract :

The present invention relates to a medicament delivery device, comprising a housing (10) having a proximal end (11) and a distal end (12); a hollow plunger rod (20) being arranged within the housing; a telescopic dose drum (40) being concentrically arranged between the housing and the plunger rod, the telescopic dose drum being bidirectional movable in relation to the housing and in relation to the plunger rod when setting a dose and delivering a dose; and plunger rod driving means for driving the hollow plunger rod towards the proximal end. The plunger rod driving means comprises: a hollow ratchet arm drum (30) being movably arranged within the hollow plunger rod and being fixedly connected to the telescopic dose drum, wherein the hollow ratchet arm drum and the hollow plunger rod are releasably coupleable to each other; a dose activator (70) having a longitudinal rod (71) being movably arranged within the hollow ratchet arm drum, wherein the longitudinal rod and the hollow ratchet arm drum are releasably coupleable to each other; a dose activator and being releasably coupleable to each other; a dose activator and being releasably coupleable to the hollow ratchet arm drum are releasably coupleable to each other; a dose setting knob (100) being fixedly connected to the dose activator and being releasably coupleable to the hollow ratchet arm drum; and a resilient element (110) arranged between the hollow ratchet arm drum and the dose activator biasing them in a direction decoupling the longitudinal rod of the dose activator from the hollow ratchet arm drum and coupling the dose setting knob with the hollow ratchet arm drum, such that during a dose setting, turning of the dose setting knob by a user forces the hollow ratchet arm drum and the telescopic dose drum to rotate together.

No. of Pages : 32 No. of Claims : 15

| (12) PATENT APPLICATION PUBLICATION | (21) Application No.3540/KOLNP/2015 A |
|--|---------------------------------------|
| (19) INDIA | |
| (22) Date of filing of Application :26/10/2015 | (43) Publication Date : 18/03/2016 |
| (54) Title of the invention : VEHICLE SEAT | |
| | |

| (51) International classification | :B60N2/48,B60N2/68,B60N2/22 :1311699.1 | |
|-----------------------------------|---|---|
| (31) Priority Document No | | 1)GORDON MURRAY DESIGN LIMITED |
| (32) Priority Date | :28/06/2013 | Address of Applicant :Wharfside, Broadford Park, Shalford |
| (33) Name of priority country | :U.K. | Surrey GU4 8EP UNITED KINGDOM. |
| (86) International Application N | o:PCT/EP2014/063599 | (72)Name of Inventor : |
| Filing Date | :26/06/2014 | 1)COPPUCK, Frank |
| (87) International Publication N | o :WO 2014/207147 | |
| (61) Patent of Addition to | :NA | |
| Application Number Filing Date | :NA | |
| (62) Divisional to Application | :NA | |
| Number | :NA | |
| Filing Date | .INA | |
| | | |

(57) Abstract :

A vehicle seat (10) comprises a base unit (12) and an upright seat back (14), the base unit (12) being moulded composite materials with optimised fibre orientations and metallic fixing points for attachment to the vehicle and at least two laterally-spaced upstanding arms (46), the seat back (14) being of a moulded composite material with optimised uni-directional fibre orientations and being attached to each upstanding arm (46) via a connection that is distributed along the vertical direction. This vertical distribution can be achieved by providing a plurality of mechanical attachments (48) between the two parts, with the attachments (48) spaced apart in the vertical direction.

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

(19) INDIA

(22) Date of filing of Application :26/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : 2-ACETYLNAPHTHO[2,3-B]FURAN -4, 9-DIONE FOR USE ON TREATING CANCER

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date | :A61P35/00,A61K45/06,A61K31/337 :61/810,117 :09/04/2013 :U.S.A. :PCT/US2014/033566 :09/04/2014 :WO 2014/169078 :NA :NA | (71)Name of Applicant : 1)BOSTON BIOMEDICAL, INC. Address of Applicant :640 Memorial Drive, Cambridge, Massachusetts 02139 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)LI, Chiang J. 2)LI, Wei 3)LEGGETT, David 4)LI, Youzhi 5)KERSTEIN, David 6)HILTON, Matt |
|--|--|--|
| Filing Date (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

The invention provides naphthofuran compounds, polymorphs of naphthofuran compounds, naphthofuran compounds in particle form, purified compositions that contain one or more naphthofuran compounds, purified compositions that contain one or more naphthofuran compounds, purified compositions that contain one or more naphthofuran compounds in particle form, and methods of using these naphthofuran compounds, polymorphs, purified compositions and/or particle forms to treat subjects in need thereof.

No. of Pages : 136 No. of Claims : 119

(19) INDIA

(22) Date of filing of Application :26/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification | :A61K35/66 | (71)Name of Applicant : |
|--|--------------------|--|
| (31) Priority Document No | :61/806,497 | 1)BIOMED VALLEY DISCOVERIES, INC. |
| (32) Priority Date | :29/03/2013 | Address of Applicant :4520 Main Street, 16th Floor, Kansas |
| (33) Name of priority country | :U.S.A. | City, Missouri 64111 UNITED STATES OF AMERICA. |
| (86) International Application No | :PCT/US2014/032196 | 2)THE JOHNS HOPKINS UNIVERSITY |
| Filing Date | :28/03/2014 | (72)Name of Inventor : |
| (87) International Publication No | :WO 2014/160950 | 1)SAHA, Saurabh |
| (61) Patent of Addition to Application | :NA | 2)ZHOU, Shibin |
| Number | :NA :NA | 3)VOGELSTEIN, Bert |
| Filing Date | INA | 4)KINZLER, Kenneth W. |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | l de la constante de la consta |

(54) Title of the invention : C. NOVYI FOR THE TREATMENT OF SOLID TUMORS IN HUMANS

(57) Abstract :

The present invention provides, inter alia, methods for treating or ameliorating an effect of a solid tumor present in a human. These methods include administering intratumorally to the human a unit dose of C. novyi, preferably C. novyi NT, colony forming units (CFUs), which contains about 1 x 103-1 x 107 CFUs suspended in a pharmaceutically acceptable carrier or solution. Methods for debulking a solid tumor present in a human, methods for ablating a solid tumor present in a human, a methods for treating or ameliorating an effect of a solid tumor that has metastasized to one or more sites in a human, unit doses of C. novyi, preferably C. novyi NT, CFUs, and kits for treating or ameliorating an effect of a solid tumor that has metastasized to a solid tumor present in a human are also provided.

No. of Pages : 200 No. of Claims : 62

(22) Date of filing of Application :26/10/2015

(43) Publication Date : 18/03/2016

| (54) Title of the invention : POWER TRA | NSFER SYSTEM | |
|---|--|---|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country | :H02J5/00 :13165635.7 :26/04/2013 :EPO | (71)Name of Applicant : 1)USE SYSTEM ENGINEERING HOLDING B.V. Address of Applicant :Industriestraat 77, NL-7482 EW Haaksbergen THE NETHERLANDS |
| (86) International Application No Filing Date(87) International Publication No | :PCT/EP2014/058256 :23/04/2014 :WO 2014/173962 | (72)Name of Inventor :1)VENDERBOSCH, Herbert2)KASPERS, Raymond |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | 3)EIKENDAL, Martinus Peter 4)BOKS, Steven Ferdinand 5)VAN DER KUIL, Johannes Hermanus Maria |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

Power transfer system comprising a transfer pick-up circuit for inductively picking up power from a cable carrying an alternating supply current. The power transfer system comprises a first circuit comprising the secondary winding of a transformer for providing an inductive coupling to the cable and a first capacitive module connected in parallel to the transformer. The transfer pick-up circuit further comprises a second circuit connected in parallel to the first circuit and comprises a second inductive module and means to transfer power to the load, the means being in series with the second inductive module.

No. of Pages : 30 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :26/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : FILTER PLATE, FILTER DISC APPARATUS, AND A METHOD FOR CONTROLLING A DISC FILTER

| classification:B01D33/23,B01D33/15,B01D35/1431)(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International:PCT/EI2013/050424(2):PCT/EI2013/050424 | 71)Name of Applicant : 1)OUTOTEC (FINLAND) OY Address of Applicant :Rauhalanpuisto 9, FI-02230 Espoo INLAND 72)Name of Inventor : 1)ILLI, Mika 2)VESALA, Antti 3)SIMOLA, Laura |
|--|---|
|--|---|

(57) Abstract :

A ceramic filter plate (22) is provided with a conductive wiring (70, 71) extend- ing along the filter plate to form a continuous electrical circuit and arranged to break upon breakage of the filter plate. The integrity of the conductive wiring (70, 71) is monitored, and the operation, particularly the rotation, of the disc filter is immediately stopped upon detecting a break of the conductive wiring.

No. of Pages : 27 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :14/01/2016

(43) Publication Date : 18/03/2016

(54) Title of the invention : INSULIN GLARGINE/LIXISENATIDE FIXED RATIO FORMULATION

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No | | (71)Name of Applicant : 1)SANOFI-AVENTIS DEUTSCHLAND GMBH Address of Applicant :Brüningstrasse 50, 65929 Frankfurt GERMANY (72)Name of Inventor : 1)SOUHAMI, Elisabeth 2)SILVESTRE, Louise |
|--|-------------------------------|--|
| Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :WO 2014/202483 :NA :NA | |
| Number Filing Date | :NA :NA | |

(57) Abstract :

The present invention refers to a pharmaceutical composition comprising (a) lixisenatide or/and a pharmaceutically acceptable salt thereof, and (b) insulin glargine or/and a pharmaceutically acceptable salt thereof, wherein the compound (b) and compound (a) are present in a fixed ratio.

No. of Pages : 68 No. of Claims : 27

(19) INDIA

(22) Date of filing of Application :13/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : COMPOSITION CONTAINING BUFFERED AMINOALKYL GLUCOSAMINIDE PHOSPHATE DERIVATIVES AND ITS USE FOR ENHANCING AN IMMUNE RESPONSE

| (51) International classification | :A61K31/7008,A61P37/02 | (71)Name of Applicant : |
|--|------------------------|---|
| (31) Priority Document No | :61/791,165 | 1)GLAXOSMITHKLINE BIOLOGICALS S.A. |
| (32) Priority Date | :15/03/2013 | Address of Applicant : Rue de L'Institut 89, B-1330 Rixensart |
| (33) Name of priority country | :U.S.A. | BELGIUM |
| (86) International Application No | :PCT/IB2014/059731 | (72)Name of Inventor : |
| Filing Date | :13/03/2014 | 1)JOHNSON, David |
| (87) International Publication No | :WO 2014/141127 | 2)BURKHART, David |
| (61) Patent of Addition to Application | :NA | 3)DUTTA, Nupur |
| Number | :NA :NA | |
| Filing Date | | |
| (62) Divisional to Application Number | : :NA | |
| Filing Date | :NA | |

(57) Abstract :

There is provided a composition comprising an aminoalkyl glucosaminide phosphate compound or a pharmaceutically salt thereof and a buffer for use as an immunomodulator.

No. of Pages : 49 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :13/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : SUBSTITUTED XANTHINES AND METHODS OF USE THEREOF

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition t Application Number Filing Date (62) Divisional to Application Number Filing Date (57) Abstract : | :C07D487/04,C07D487/12,A61K31/519 :61/789,724 :15/03/2013 :U.S.A. :PCT/US2014/027920 :14/03/2014 :WO 2014/143799 ^o :NA :NA :NA | (71)Name of Applicant : 1)HYDRA BIOSCIENCES, INC. Address of Applicant :45 Moulton Street, Cambridge, MA 2138 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)CHENARD, Bertrand 2)GALLASCHUN, Randall |
|---|--|---|
|---|--|---|

(57) Abstract :

Compounds, compositions and methods are described for inhibiting the TRPC5 ion channel and disorders related to TRPC5.

No. of Pages : 728 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :13/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : NASAL AEROSOL DELIVERY SYSTEM

(57) Abstract :

A nasal delivery device (10) includes a nasal prong (14) and an activation member (22). The nasal prong can comprise an opening (16) at a top and bottom portion (18) of the prong to allow for the passage of an aerosolized treatment agent (30) through the nasal prong. The activation member can be positioned on the nasal delivery device at a location that is spaced apart from the subjects oral cavity when the nasal prong is received into the nostril (32, 38) of the subject. The activation member can be configured to detect a desired exhalation state of the subject and upon detection of the desired exhalation state, the activation member activates the delivery of the aerosolized treatment agent. The nasal delivery device comprises a handpiece (20) that can be held by a user and having an activation member for triggering the delivery of the treatment agent to a subject, and an intranasal portion or nose prong extending from the handpiece and having a dose container receiving area (58, 72) and an aerosolizing member (54, 56) to aerosolize the agent and eject an aerosolized plume into a nare of the subject. The device may comprise a vibrating-mesh nebulizer (510, 530) at a distal end of the device extending into a nare of the subject. The device may comprise an alignment device (214, 220) for improving alignment of the device with a subject to increase delivery and deposition of the agent.

No. of Pages : 76 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :13/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification | :C13K1/02 | (71)Name of Applicant : |
|--|--------------------|---|
| (31) Priority Document No | :13/841,707 | 1)SUGANIT SYSTEMS, INC. |
| (32) Priority Date | :15/03/2013 | Address of Applicant :10903 Hunt Club Road, Reston, |
| (33) Name of priority country | :U.S.A. | Virginia 20190 UNITED STATES OF AMERICA. |
| (86) International Application No | :PCT/US2014/029063 | (72)Name of Inventor : |
| Filing Date | :14/03/2014 | 1)PARIPATI, Praveen |
| (87) International Publication No | :WO 2014/144588 | 2)DADI, Ananthram Prasad |
| (61) Patent of Addition to Application | :NA | |
| Number | :NA | |
| Filing Date | .NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| (57) 11 | | |

(54) Title of the invention : ALKALINE TREATMENT OF LIGNOCELLULOSIC BIOMASS

(57) Abstract :

Method and apparatus for enhanced production of sugars and lignin via fractionation of lignocellulosic biomass through ionic liquid pretreatment and mild alkaline treatment. The resulting biomass is easily fractionated and amenable to efficient and rapid enzymatic hydrolysis or acid hydrolysis and catalytic conversion to valuable products with high recovery of the enzymes used in the hydrolysis.

No. of Pages : 89 No. of Claims : 97

(22) Date of filing of Application :27/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification | :G06K9/00 | (71)Name of Applicant : |
|--|--------------------|--|
| (31) Priority Document No | :13162802.6 | 1)COGISEN SRL |
| (32) Priority Date | :08/04/2013 | Address of Applicant :Corso Vittorio Emanuele 167/3 Napoli |
| (33) Name of priority country | :EPO | ITALY |
| (86) International Application No | :PCT/IB2014/060520 | (72)Name of Inventor : |
| Filing Date | :08/04/2014 | 1)RIJNDERS, Christiaan Erik |
| (87) International Publication No | :WO 2014/167491 | |
| (61) Patent of Addition to Application | :NA | |
| Number Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(54) Title of the invention : METHOD FOR GAZE TRACKING

(57) Abstract :

A method for gaze tracking achieves high performances at the same time requiring both limited processor engagement and reduced power, so as to be particularly but not exclusively fit for mobile uses is described. The method includes the steps of: obtaining a digital video stream of a face through a camera, wherein eyes or pupils are identified in corresponding boxes in the spatial domain, the size thereof being function of the face position and orientation relative to said camera, the content of the boxes being the input for the further calculations; transferring the content of the boxes to the frequency domain; applying to the boxes transferred to the frequency domain one or more sparse zones, covering together a fraction of the boxed area transferred to the frequency domain, and a filtering kernel, at least partially overlapping the sparse zones; performing a multiplication between the frequency data within each sparse zone and the kernel, combining the results in a single value for each sparse zone; and repeating the above steps obtaining for each frame said single value, fluctuation of the single value being representative of gaze direction changes along time.

No. of Pages : 53 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :13/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : SYNTHESIS OF NITRIC OXIDE GAS FOR INHALATION

| classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :61/789,161 | (71)Name of Applicant : 1)THE GENERAL HOSPITAL CORPORATION Address of Applicant :55 Fruit Street, Boston, Massachusetts 02114 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)ZAPOL, Warren M. 2)YU, Binglan 3)HARDIN, Paul 4)HICKCOX, Matthew |
|---|-------------|--|
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(57) Abstract :

In some additional aspects, an apparatus can include a chamber having an inlet valve for receiving a reactant gas and an outlet valve for delivering a product gas, a piston positioned inside the chamber and configured to move along a length of the chamber for adjusting pressure in the chamber, a sensor for collecting information related to one or more conditions of a respiratory system associated with a patient, a controller for determining one or more control parameters based on the collected information, and one or more pairs of electrodes positioned inside the chamber for initiating a series of electric arcs external to the patient to generate nitric oxide based on the determined control parameters.

No. of Pages : 63 No. of Claims : 38

(19) INDIA

(22) Date of filing of Application :13/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : INSPIRATORY SYNTHESIS OF NITRIC OXIDE

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | | (71)Name of Applicant : 1)THE GENERAL HOSPITAL CORPORATION Address of Applicant :55 Fruit Street, Boston, Massachusetts 02114 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)ZAPOL, Warren M. 2)YU, Binglan 3)HARDIN, Paul 4)HICKCOX, Matthew |
|---|--|--|
|---|--|--|

(57) Abstract :

A system for generating nitric oxide can include an apparatus positioned in a trachea of a mammal, the apparatus including a respiration sensor for collecting information related to one or more triggering events associated with the trachea, an oxygen sensor for collecting information related to a concentration of oxygen in a gas, and one or more pairs of electrodes for initiating a series of electric arcs to generate nitric oxide, and the system for generating nitric oxide can also include a controller for determining one or more control parameters based on the information collected by the respiration sensor and the oxygen sensor, wherein the series of electric arcs is initiated based on the control parameters determined by the controller.

No. of Pages : 80 No. of Claims : 47

(19) INDIA

(22) Date of filing of Application :13/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : CRUCIBLE ASSEMBLY FOR CONTROLLING OXYGEN AND RELATED METHODS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :13/804,585 :14/03/2013 | (71)Name of Applicant : SUNEDISON, INC. Address of Applicant :501 Pearl Drive, St. Peters, Missouri 63376 UNITED STATES OF AMERICA. (72)Name of Inventor : KIMBEL, Steven L. FERGUSON, Steve J. SWAMINATHAN, Tirumani N. ZEPEDA, Salvador HILKER, John David HOLZER, Joseph C. MEYER, Benjamin M. HOLDER, John D. |
|---|----------------------------|---|
|---|----------------------------|---|

(57) Abstract :

A system for growing a crystal ingot from a melt includes a first crucible, a second crucible, and a weir. The first crucible has a first base with a top surface and a first sidewall that form a first cavity. The second crucible is disposed within the first cavity of the first crucible, and has a second base and a second sidewall that form a second cavity. The second base has a bottom surface that is shaped to allow the second base to rest against the top surface of the first base. The second crucible includes a crucible passageway to allow movement of the melt therethrough. The weir is disposed inward from the second sidewall to inhibit movement of the melt from a location inward of the weir.

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

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :13/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : EUTECTIC FORMULATIONS OF CYCLOBENZAPRINE HYDROCHLORIDE AND AMITRIPTYLINE HYDROCHLORIDE

| (32) Priority Date:15/03/2013A(33) Name of priority country:U.S.A.York,(86) International Application No:PCT/US2014/029872(72)NFiling Date:14/03/20141)N | ()Name of Applicant : ()TONIX PHARMACEUTICALS, INC. Address of Applicant :509 Madison Avenue, Suite 306, New ork, New York 10022 UNITED STATES OF AMERICA. (2)Name of Inventor : (2)NEBULONI, Marino (2)COLOMBO, Patrizia |
|--|---|
|--|---|

(57) Abstract :

The present invention relates to pharmaceutical compositions and methods of manufacturing the same, comprising a eutectic of Cyclobenzaprine HCl and mannitol or Amitriptyline HCl and mannitol.

No. of Pages : 195 No. of Claims : 53

(22) Date of filing of Application :27/10/2015

(43) Publication Date : 18/03/2016

| :H02M3/158 | (71)Name of Applicant : |
|--------------------|--|
| :61/814,601 | 1)MEDIATEK INC. |
| :22/04/2013 | Address of Applicant :No. 1 Dusing Road 1st, Science-Based |
| :U.S.A. | Industrial Park, Hsin-Chu Taiwan, R.O.C. Taiwan |
| :PCT/CN2014/075985 | (72)Name of Inventor : |
| :22/04/2014 | 1)HSU, Chih-Yuan |
| :WO 2014/173293 | |
| :NA :NA | |
| ·NA | |
| :NA | |
| | :61/814,601 :22/04/2013 :U.S.A. :PCT/CN2014/075985 :22/04/2014 :WO 2014/173293 :NA :NA :NA |

(54) Title of the invention : SWITCHING MODE CHARGER FOR CHARGING SYSTEM

(57) Abstract :

A switching mode charger capable of performing mode switching to adjust and output charging current for a battery or driving current for an external circuit element includes an input terminal, an output terminal, a Buck-Boost converter, and a controller. The Buck-Boost converter generates a voltage at the input terminal according to a voltage at the output terminal or generates a voltage at the output terminal according to a voltage at the input terminal. The controller dynamically selects an operation mode from a plurality of operation modes as an operation mode of the Buck-Boost converter according to at least one of the voltage change and the current change that are associated with the Buck-Boost converter, wherein the Buck-Boost converter dynamically performs mode switching according to the operation mode selected by the controller so as to adjust and output the charging current or the driving current.

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

(21) Application No.3402/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification | :F15B15/14 | (71)Name of Applicant : |
|--|--------------------|---|
| (31) Priority Document No | :2013-070044 | 1)KAYABA INDUSTRY CO., LTD. |
| (32) Priority Date | :28/03/2013 | Address of Applicant :World Trade Center Bldg., 4-1, |
| (33) Name of priority country | :Japan | Hamamatsu-cho 2-chome, Minato-ku, Tokyo 1056111 JAPAN |
| (86) International Application No | :PCT/JP2014/057995 | (72)Name of Inventor : |
| Filing Date | :24/03/2014 | 1)Taketoshi KOBAYASHI |
| (87) International Publication No | :WO 2014/157043 | |
| (61) Patent of Addition to Application | :NA | |
| Number | | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(54) Title of the invention : PIPE FIXTURE FOR FLUID PRESSURE CYLINDER

(57) Abstract :

A pipe fixture for a fluid pressure cylinder is equipped with a band which is provided with two half-band parts curved along the outer periphery of a cylinder tube and which sandwiches the cylinder tube by securing together both ends of the two band parts, and a bracket which has both ends in the circumferential direction fixed by welding to the outer periphery of the band part. The bracket is provided, on the surface of the opposite side thereof from the band part, with an attachment section to which a pipe is attached along the axis direction of the cylinder tube, and is divided at the attachment section into a first piece on one side in the circumferential direction.

No. of Pages : 17 No. of Claims : 5

| (12) PATENT APPLICATION PUBLICATION |
|-------------------------------------|
|-------------------------------------|

(22) Date of filing of Application :14/10/2015

(21) Application No.3403/KOLNP/2015 A

(43) Publication Date : 18/03/2016

| (54) Title of the invention : JOINED BODY | | |
|--|---|--|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :B23K20/12,F15B15/14,F16J7/00 :2013-070037 :28/03/2013 :Japan :PCT/JP2014/058764 :27/03/2014 :WO 2014/157467 :NA :NA :NA | (71)Name of Applicant : 1)KAYABA INDUSTRY CO., LTD. Address of Applicant :World Trade Center Bldg., 4-1, Hamamatsu-cho 2-chome, Minato-ku, Tokyo 1056111 JAPAN (72)Name of Inventor : 1)Takahiko HARA 2)Takayasu KAWAKAMI 3)Hiroshi OYAMA 4)Yusuke TAKAHASHI 5)Kenichi HIRAKI |

(57) Abstract :

A joined body in which the end surfaces of two joining members are joined to each other by friction welding is provided with: a hollow section that is formed in at least one of the joining members and that opens onto the joining surface of the two joining members; and a groove section that is the inner peripheral surface of the hollow section and that is formed to have an annular shape at a position that is separated from the joining surface in the axial direction.

No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :14/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : SYSTEMS, METHODS, AND APPARATUSES FOR PROVIDING VISCOUS FLUID IN A PARTICULAR FORMAT AND IMPLEMENTATIONS THEREOF

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No | :A61M5/00,A61M5/178 :61/804,563 :22/03/2013 :U.S.A. :PCT/US2014/031627 :24/03/2014 :WO 2014/153564 | (71)Name of Applicant : 1)SAFARIK, Charles, Robert Address of Applicant :30319 Lettingwell Circle, Wesley Chapel, FL 33544 UNITED STATES OF AMERICA. 2)SRIDHARAN, Prashanth (72)Name of Inventor : 1)SAFARIK, Charles, Robert |
|---|--|---|
| (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :NA :NA :NA :NA | 2)SRIDHARAN, Prashanth |

(57) Abstract :

The present invention involves providing a viscous fluid in a particular format and implementations thereof. In particular, a viscous slave fluid is provided in a particular format, wherein the particular format can be an end result or an intermediate result for the viscous fluid. In the case of an intermediate result, the viscous fluid in the second format may be further processed to a third format. Implementations or applications include supercharged fuel injection systems, methods, and apparatuses for internal combustion, leanburn oil pre-mixing systems, methods, and apparatuses for liquid fuel combustion, and medical or biomedical devices, systems, and methods.

No. of Pages : 28 No. of Claims : 23

(21) Application No.3576/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :28/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : MODIFIED CARBONYL REDUCING ENZYME AND GENE

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to | :C12N15/09,C12N1/21,C12N9/02 :2013-070170 :28/03/2013 :Japan :PCT/JP2014/058248 :25/03/2014 :WO 2014/157185 | (71)Name of Applicant : 1)KANEKA CORPORATION Address of Applicant :2-3-18, Nakanoshima, Kita-ku, Osakashi, Osaka 5308288 JAPAN (72)Name of Inventor : 1)MATSUI Misato 2)ITO Noriyuki 3)KAWANO Shigeru 4)YASOHARA Yoshihiko |
|--|---|---|
| (61) Fatch of Addition to Application Number (62) Divisional to Application Number Filing Date | :NA :NA :NA :NA | |

(57) Abstract :

An object of the present invention is to modify a wild-type enzyme that is less reactive in the presence of an organic solvent to provide altered carbonyl reductases having better reactivity in the presence of the organic solvent than the wild-type enzyme, and/or to provide transformants producing such reductases. The present inventors have found altered carbonyl reductases having better reactivity in the presence of an organic solvent than the wild-type enzyme, from among a mutant enzyme library prepared by randomly mutating the wild-type enzyme gene, thereby arriving at completion of the present invention.

No. of Pages : 88 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :28/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : RECOMBINANT ADENO-ASSOCIATED VIRUS DELIVERY OF EXON 2-TARGETED U7SNRNA POLYNUCLEOTIDE CONSTRUCTS

| (51) International classification:C07K14/47,A61K4(31) Priority Document No:61/814,256(32) Priority Date:20/04/2013(33) Name of priority country:U.S.A.(86) International Application No Filing Date:PCT/US2014/0347(87) International Publication No (61) Patent of Addition to Application Number Filing Date:WO 2014/172669(62) Divisional to Application Number Filing Date:NA :NA(62) Divisional to Filing Date:NA :NA | 1)RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL Address of Applicant :700 Children's Drive, Room W172, Columbus, OH 43205 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)FLANICAN Kevin |
|---|---|
|---|---|

(57) Abstract :

The present invention relates to recombinant adeno-associated virus (rAAV) delivery of polynucleotides for treating Duchenne Muscular Dystrophy resulting from the duplication of DMD exon 2. The invention provides rAAV products and methods of using the rAAV in the treatment of Duchenne Muscular Dystrophy.

No. of Pages : 47 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :14/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : MYCELIATED COFFEE PRODUCTS AND METHODS FOR MAKING MYCELIATED COFFEE PRODUCTS

| | Address of Applicant :3155 N. Chambers Suite #E Aurora, CO 80011 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)KELLY, Brooks John 2)LANGAN, James Patrick |
|------------|--|
| :NA :NA | |
| | PCT/US2014/029989 15/03/2014 WO 2014/145256 NA NA NA |

(57) Abstract :

The present invention provides a method for the preparation of a myceliated coffee product. This method providing green coffee beans and sterilizing the green coffee beans to provide prepared green coffee beans, and a step of inoculating the prepared green coffee beans with a prepared fungal component and culturing the inoculum to prepare the myceliated coffee product. The methods of the instant invention result in prepared green coffee beans and myceliated coffee products having reduced levels of undesirable taste components, such as chlorogenic acids, and increased levels of myceliation products, such as beta glucans and polysaccharides, relative to starting green coffee beans.

No. of Pages : 60 No. of Claims : 30

(22) Date of filing of Application :14/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : ANTI-CD52 ANTIBODIES

| classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | v:U.S.A. :PCT/US2014/026159 :13/03/2014 | (71)Name of Applicant : 1)GENZYME, CORPORATION Address of Applicant :500 Kendall Square, Cambridge, MA 02142 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)QIU, Huawei 2)WEI, Ronnie, Rong 3)PAN, Clark, Qun 4)SENDAK, Rebecca |
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(57) Abstract :

Anti-human CD52 antibodies and antigen-binding fragments thereof are provided. Also provided are isolated nucleic acids, recombinant vectors and host cells for making the antibodies and fragments. The antibodies and fragments can be used in therapeutic applications to treat, for example, autoimmune diseases, cancer, and graft rejection.

No. of Pages : 114 No. of Claims : 42

(19) INDIA

(22) Date of filing of Application :14/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : SYSTEMS AND METHODS FOR DETERMINING WIND SPEEDS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date | :G01F1/68,G01F1/696,F03D1/02 :61/781,529 :14/03/2013 :U.S.A. :PCT/US2014/023750 :11/03/2014 | (71)Name of Applicant : 1)HUBBELL INCORPORATED Address of Applicant :40 Waterview Drive, Shelton, CT 06484 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)MILLER, Gary, Michael |
|---|--|--|
| (87) International Publication No. | o:WO 2014/159461 | |
| (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :NA :NA :NA :NA | |

(57) Abstract :

Systems for determining an effective wind speed are disclosed. A system includes a first detector, a second detector and a processing unit. The first detector includes a heated temperature-sensing element having a heater and a first temperature sensor, and a first housing at least partially housing the heated temperature-sensing element. The second detector includes a non-heated temperature sensor, a second housing at least partially housing the non-heated temperature-sensing element. The processing unit can be adapted to determine the effective wind speed according to a temperature at the heated temperature at the non-heated temperature sensing element, and/or a difference between these temperatures and in accordance with an algorithm or table of values. The heated and non-heated temperature-sensing elements and their respective first housing and second housing are collinear, proximal and parallel to the conductor, and protected from precipitation by a shield.

No. of Pages : 83 No. of Claims : 46

(19) INDIA

(22) Date of filing of Application :14/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHODS, SYSTEMS, AND MEDIA FOR PRESENTING MOBILE CONTENT CORRESPONDING TO MEDIA CONTENT

| classification (31) Priority Document No :13/827,413 | (71)Name of Applicant : 1)GOOGLE INC. Address of Applicant :1600 Amphitheatre Parkway, Mountain View, CALIFORNIA 94043 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)OZTASKENT, Ant 2)VOLOVICH, Yaroslav 3)SINGLETON, David 4)DRAYSON, Timbo |
|---|---|
|---|---|

(57) Abstract :

Methods, systems, and media for presenting mobile content corresponding to media content are provided. In some implementations, a method for providing information relating to media content is provided, the method comprising: determining a channel that is providing the television program; causing images relating to the television program to be presented, wherein the images are selected based on the channel and a time parameter; receiving a user selection of an image; identifying an entity within the selected image using one or more image recognition techniques; generating a search query based at least in part on the identified entity; obtaining search results responsive to the generated search query; and causing at least one of the search results to be presented to the mobile device in response to receiving the user selection of the image.

No. of Pages : 40 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :28/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : FRAGRANCE COMPOSITION AND METHOD FOR PRODUCING SAME

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (2) Pierrowscher Application | :PCT/JP2014/057183 :17/03/2014 :WO 2014/156783 :NA :NA | (71)Name of Applicant : 1)ZEON CORPORATION Address of Applicant :6-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 1008246 JAPAN (72)Name of Inventor : 1)NAKANO Keita |
|---|--|--|
| (62) Divisional to Applicatior Number Filing Date | ¹ :NA :NA | |

(57) Abstract :

The present invention is a fragrance composition which comprises methyl dihydrojasmonate and a compound (I), wherein the content of the methyl dihydrojasmonate is 94.5-99 mass% and the content of the compound (I) is 1-5 mass% in the composition and concentration of cis-isomer in the methyl dihydrojasmonate is 20 mol% or more. In addition, the present invention is a method for producing the fragrance composition by sequentially subjecting the composition to a concentration distillation step and a thin film distillation step, the composition comprising methyl dihydrojasmonate and the compound (I), wherein the content of the methyl dihydrojasmonate is 90-99.5 mass% and the content of the compound (I) is 0.1-1.5 mass% in the composition and concentration of cis-isomer in the methyl dihydrojasmonate is less than 20 mol%.

No. of Pages : 38 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :15/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD FOR SINGLE WORKFLOW FOR MULTI-PLATFORM MOBILE APPLICATION CREATION AND DELIVERY

| :13/833,669 :15/03/2013 :U.S.A. :PCT/US2014/026989 :14/03/2014 :WO 2014/152136 :NA :NA | (71)Name of Applicant : 1)BEEONICS, INC. Address of Applicant :610 Lincoln Street, Suite 100, Waltham, Massachusetts 02451 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)CHIUSSI, Fabio 2)HEGDE, Parameshwar |
|---|---|
| :NA :NA | |
| | :13/833,669 :15/03/2013 :U.S.A. :PCT/US2014/026989 :14/03/2014 :WO 2014/152136 :NA :NA :NA |

(57) Abstract :

A high-level functionality generates a Data Model which is used to automatically generate Applications comprising Application Clients, Application Servers, Client-Server Protocols, Dashboards and other components. Applications are derived for different mobile and non-mobiles Operating Systems. This functionality uses Services, Service Representation, Application Flow, Rules, and Presentation Attributes. The input for the automation is a very high-level, service level language, from which all parts are automatically generated. The output of the automation also includes a way to validate the correctness of the generated Applications. The generated Dashboard provide a Business Entity with functionality to continuously update the generated Data Model based on the Services and Business Entity data, and from the updated Data Model automatically generate updated versions of the Application. The functionality may be a graphical representation, set of forms, set of policies, or set of values associated to a set of pre-defined parameters.

No. of Pages : 84 No. of Claims : 25

(21) Application No.3458/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : COMPOSTIONS AND METHODS FOR ENHANCING THE THERAPEUTIC POTENTIAL OF STEM CELLS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :A61K31/437,A61K35/28 :13159548.0 :15/03/2013 :EPO :PCT/IB2014/001248 :13/03/2014 :WO 2014/140930 :NA :NA :NA :NA | (71)Name of Applicant : 1)LONZA COLOGNE GMBH Address of Applicant :Nattermannalle 1, 50829 Koln GERMANY (72)Name of Inventor : 1)VAN DEN BOS, Christian 2)REINISCH, Barbara 3)SCHENK, Judith 4)ROSENBAUM, Claudia |
|---|---|---|
|---|---|---|

(57) Abstract :

The invention encompasses compositions and method of treating a vascular disease such as peripheral artery disease, The methods involve- administering to a patient in need thereof, an effective amount of a composition comprising a population of cells such as mesenchymal stem cells (MSCs) and a non-muscle myosin II antagonist such as blebbistatin. Non-muscle myosin II antagonists are disclosed to surprisingly and dramatically accelerate MSC-triggered regeneration of damaged tissues arid unexpectedly and drastically reduce severe complications of stem cell treatment.

No. of Pages : 51 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :15/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : UNDULATING CROSS-FLOW FIXED FILM DISTRIBUTION MEDIA WITH UNITARILY FORMED END BAFFLE

| (51) International classification | :C02F3/10 | (71)Name of Applicant : |
|--|--------------------|--|
| (31) Priority Document No | :61/792,325 | 1)BRENTWOOD INDUSTRIES, INC. |
| (32) Priority Date | :15/03/2013 | Address of Applicant : P.O. Box 605, Reading, PA 19603 |
| (33) Name of priority country | :U.S.A. | UNITED STATES OF AMERICA. |
| (86) International Application No | :PCT/US2014/027236 | (72)Name of Inventor : |
| Filing Date | :14/03/2014 | 1)KULICK, Frank M., III |
| (87) International Publication No | :WO 2014/143653 | |
| (61) Patent of Addition to Application | :NA | |
| Number | | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | 1 |

(57) Abstract :

A wastewater or sludge treatment fixed film cross-flow distribution media corrugated sheet (84, 84, 84) and assemblies (1 18, 118, 1 18) thereof include corrugations (98, 98, 98), angled of about 10° to about 80° to the top and the bottom of the sheet and the assemblies. The sheet has a unitarily formed baffle (100, 100, 100) along at least a top portion of an exposed side of the sheet (96, 96, 96) or assemblies (130, 130, 130) exposed to denser wastewater or sludge outside of the assemblies than within the assemblies that is sufficient, when joined with either a like baffle (100, 100, 100) on a like sheet (84, 84, 84) or optional substantially planar interstitial sheets (132, 132, 132) adjacent the corrugated sheets, to substantially block air used in a sparging system from exiting or the denser wastewater or sludge being treated from entering the exposed side (96, 96, 96) of the sheet or the exposed side (130, 130, 130, 130) of the assemblies. Beneficial biomass forming biofilm on the surfaces within the assemblies is controlled, effectively treating the wastewater or sludge.

No. of Pages : 55 No. of Claims : 30

(19) INDIA

(22) Date of filing of Application :02/11/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : APPARATUS AND METHOD FOR MANUFACTURING A KNUCKLE BRACKET

| (31) Priority Document No:2(32) Priority Date:1(33) Name of priority country:J(86) International Application:FNo:2Filing Date:2(87) International Publication:NNo:V(61) Patent of Addition to:NApplication Number:NFiling Date:N(62) Divisional to Application:NNumber:N | 1 | (71)Name of Applicant : 1)KAYABA INDUSTRY CO., LTD. Address of Applicant :World Trade Center Bldg., 4-1, Hamamatsu-cho 2-chome, Minato-ku, Tokyo 1056111 JAPAN (72)Name of Inventor : 1)Taiji HATTORI 2)Yoshihiko YAMAUCHI 3)Tomomi HAYASE |
|--|---|---|
|--|---|---|

(57) Abstract :

A device for manufacturing a knuckle bracket having: a bracket body having an inner peripheral shape that follows a shock absorber tube; and a pair of attachment parts formed so as to protrude in a parallel manner from both ends of the bracket body wherein: the device is provided with a width shaping apparatus for shaping the widths of the pair of attachment parts while a workpiece is supported on a supporting shaft and a hole forming apparatus for machining attachment holes in the pair of attachment parts while the workpiece is supported on the support shaft and the pair of attachment parts are facing both side surfaces of a die; and conveying of the workpiece (9) from the width shaping apparatus to the hole forming apparatus involves raising the support shaft moving the workpiece along the raised support shaft to a position above the die and lowering the workpiece until the support shaft comes into contact with the upper surface of the die.

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

(19) INDIA

(22) Date of filing of Application :14/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : APPARATUS, SYSTEMS, AND METHODS FOR GROUPING DATA RECORDS (51) International classification :G06F17/30 (71)Name of Applicant : (31) Priority Document No 1)SHIMANOVSKY, Boris :61/799,131 (32) Priority Date Address of Applicant :2417 Bagley Avenue, Los Angeles, CA :15/03/2013 (33) Name of priority country 90034 UNITED STATES OF AMERICA. :U.S.A. 2)LAGANG, Manuel (86) International Application No :PCT/US2014/029787 3)POLOVETS, Leonid Filing Date :14/03/2014 (87) International Publication No :WO 2014/145106 (72)Name of Inventor : (61) Patent of Addition to Application 1)SHIMANOVSKY, Boris :NA Number 2)LAGANG, Manuel :NA Filing Date 3)POLOVETS, Leonid (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The present application relates to apparatus, systems, and methods for grouping data records based on entities referenced by the data records. The disclosed grouping mechanism can include determining a pair- wise similarity between a large number of data records, and clustering a subset of the data records based on their pair-wise similarity.

No. of Pages : 52 No. of Claims : 25

(19) INDIA

(22) Date of filing of Application :14/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : SGC STIMULATORS

| | | (71)Name of Applicant : 1)IRONWOOD PHARMACEUTICALS, INC. Address of Applicant :301 Binney Street, Cambridge, MA |
|--|-----------------------------------|--|
| (51) International classification | :C07D413/14,C07D403/04,C07D417/14 | 02142 UNITED STATES OF AMERICA. |
| (31) Priority Document | :61/790,637 | (72)Name of Inventor : 1)NAKAI, Takashi |
| No (22) Drievity Data | :15/03/2013 | 2)MOORE, Joel |
| (32) Priority Date(33) Name of priority | | 3)PERL, Nicholas Robert |
| country | :U.S.A. | 4)IYENGAR, Rajesh R. 5)MERMERIAN, Ara |
| (86) International Application No | :PCT/US2014/028370 | 6)IM, G-Yoon Jamie |
| Filing Date | :14/03/2014 | 7)LEE, Thomas Wai-Ho 8)HUDSON, Colleen |
| (87) International Publication No | :WO 2014/144100 | 9)RENNIE, Glen Robert |
| (61) Patent of Addition to | | 10)JIA, James |
| Application Number | :NA :NA | 11)RENHOWE, Paul Allen 12)BARDEN, Timothy Claude |
| Filing Date (62) Divisional to | | 13)YU, Xiang Y |
| Application Number | :NA :NA | 14)SHEPPECK, James Edward 15)IYER, Karthik |
| Filing Date | | 16)JUNG, Joon |
| | | 17)MILNE, George Todd |
| | | 18)LONG, Kimberly Kafadar |

(57) Abstract :

Compounds of Formulae (I) and (I) are described, which are useful as stimulators of sGC, particularly NO-independent, hemedependent stimulators. These compounds are also useful for treating, preventing or managing various disorders that are herein disclosed.

No. of Pages : 567 No. of Claims : 169

(22) Date of filing of Application :14/10/2015

(21) Application No.3437/KOLNP/2015 A

(43) Publication Date : 18/03/2016

| (54) Title of the invention : AMINE FUR | NCTIONAL POLYAMIDE | ES |
|---|--------------------|--|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | | (71)Name of Applicant : 1)GENZYME CORPORATION Address of Applicant :500 Kendall Street, Cambridge, Massachusetts 02142 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)DHAL, Pradeep 2)YANG, Kanwen 3)MILLER, Robert J. 4)HOLMS-FARLEY, Stephen Randall |

(57) Abstract :

Amine functional polyamides comprise amine and ammonium groups along the polymer chain. Amine functional polyamides can be used as pharmaceutical agents and in pharmaceutical compositions. The amine functional polyamides are particularly useful in the treatment or prevention of mucositis and infection, specifically oral mucositis, surgical site infection, and lung infection associated with cystic fibrosis.

No. of Pages : 102 No. of Claims : 157

(22) Date of filing of Application :14/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : APPARATUS, SYSTEMS, AND METHODS FOR ANALYZING MOVEMENTS OF TARGET ENTITIES

| | | (71)Name of Applicant : |
|--|--------------------|---|
| (51) International classification | :H04W24/00 | 1)BELL, Tyler |
| (31) Priority Document No | :61/799,986 | Address of Applicant :1477 Theresa Avenue, Campbell, CA |
| (32) Priority Date | :15/03/2013 | 95008 UNITED STATES OF AMERICA U.S.A. |
| (33) Name of priority country | :U.S.A. | 2)MICHELS, Bill |
| (86) International Application No | :PCT/US2014/029713 | 3)TIPPING, Spencer |
| Filing Date | :14/03/2014 | 4)WHITE, Tom |
| (87) International Publication No | :WO 2014/145059 | 5)SHIMANOVSKY, Boris |
| (61) Patent of Addition to Application | :NA | (72)Name of Inventor : |
| Number | :NA :NA | 1)BELL, Tyler |
| Filing Date | INA | 2)MICHELS, Bill |
| (62) Divisional to Application Number | :NA | 3)TIPPING, Spencer |
| Filing Date | :NA | 4)WHITE, Tom |
| - | | 5)SHIMANOVSKY, Boris |

(57) Abstract :

The present disclosure relates to apparatus, systems, and methods for providing a location information analytics mechanism. The location information analytics mechanism is configured to analyze location information to extract contextual information (e.g., profile) about a mobile device or a user of a mobile device, collectively referred to as a target entity. The location information analytics mechanism can include analyzing location data points associated with a target entity to determine features associated with the target entity, and using the features to predict attributes associated with the target entity. The set of predicted attributes can form a profile of the target entity.

No. of Pages : 59 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION (19) INDIA (22) Date of filing of Application :30/10/2015 (43) Publication Date : 18/03/2016

(54) Title of the invention : IDENTIFICATION OF POINTS IN A USER WEB JOURNEY WHERE THE USER IS MORE LIKELY TO ACCEPT AN OFFER FOR INTERACTIVE ASSISTANCE

| (51) International classification | :H04M3/00 | (71)Name of Applicant : |
|--|--------------------|--|
| (31) Priority Document No | :61/813,984 | 1)24/7 CUSTOMER INC. |
| (32) Priority Date | :19/04/2013 | Address of Applicant :910 E. Hamilton Ave., Suite 240, |
| (33) Name of priority country | :U.S.A. | Campbell, CA 95008 UNITED STATES OF AMERICA. |
| (86) International Application No | :PCT/US2014/034602 | (72)Name of Inventor : |
| Filing Date | :18/04/2014 | 1)GHOSE, Abhishek |
| (87) International Publication No | :WO 2014/172605 | |
| (61) Patent of Addition to Application | :NA | |
| Number | | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | |

(57) Abstract :

Points in a users website journey at which an invitation for an interactive session may be offered to users, e.g. those points at which an invitation made to a user may have a higher propensity to be accepted by the user, are identified. A technique is provided that, given ample data regarding visits to a website and data regarding offers of interactive assistance made, and responses to, such offers, learns to identify accurately those points in the users journey where such offers may be made. For the current user, offers made at these points are highly likely to be accepted. This approach bypasses the need for manual analysis that previous approaches require. In embodiments of the invention, a model provided in accordance with this technique is only re-trained on new data to account for changing user behavior.

No. of Pages : 40 No. of Claims : 27

(21) Application No.3614/KOLNP/2015 A

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :30/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : INHIBITORS OF NICOTINAMIDE PHOSPHORIBOSYLTRANSFERASE, COMPOSITIONS, PRODUCTS AND USES THEREOF

| (32) Priority Date:03/05/2013ITALY(33) Name of priority country:ItalyITALY(36) International Application No Filing Date:PCT/IB2014/061080 :29/04/2014:Italy(72) Name of Inventor : 1)GENAZZANI, Armando A. 2)TRON, Gian Cesare 3)GALLI, Ubaldina 4)TRAVELLI, Cristina(87) International Publication No (61) Patent of Addition to Application Number Filing Date:NA :NA(62) Divisional to Application Number Filing Date:NA :NA(62) Divisional to Application Number Filing Date:NA :NA | Document No (32) Priority Date :C (33) Name of priority :I country (86) International Application No Filing Date (87) International Publication No | Italy PCT/IB2014/061080 29/04/2014 WO 2014/178001 | 1)UNIVERSIT DEGLI STUDI DEL PIEMONTE ORIENTALE AMEDEO AVOGADRO Address of Applicant :Via Duomo, 6, I-13100 Vercelli ITALY (72)Name of Inventor : 1)GENAZZANI, Armando A. 2)TRON, Gian Cesare 3)GALLI, Ubaldina 4)TRAVELLI, Cristina 5)CUZZOCREA, Salvatore 6)GROSA, Giorgio 7)SORBA, Giovanni |
|--|--|--|--|
|--|--|--|--|

(57) Abstract :

Compounds of formula (I): able to inhibit nicotinamide phosphoribosyltransferase. The disclosure also relates to the use of compounds of formula (I) for treatment of pathological conditions in which NAMPT inhibition might be beneficial, such as acute and chronic inflammation, cancer and metabolic disorders.

No. of Pages : 100 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :02/11/2015

(54) Title of the invention : DRY TOILET

(43) Publication Date : 18/03/2016

| :A47K11/02,C05F3/06 | (71)Name of Applicant : |
|---------------------|---|
| :20135307 | 1)EKOLET OY |
| :02/04/2013 | Address of Applicant :Estetie 3, FI-00430 Helsinki FINLAN |
| :Finland | (72)Name of Inventor : |
| :PCT/FI2014/050220 | 1)YLÖSJOKI, Matti |
| :27/03/2014 | |
| :WO 2014/162052 | |
| ·NI A | |
| | |
| INA | |
| :NA | |
| :NA | |
| | :20135307 :02/04/2013 :Finland :PCT/FI2014/050220 :27/03/2014 :WO 2014/162052 :NA :NA :NA |

(57) Abstract :

The invention relates to a dry toilet comprising a compost container (1) defining an inner space (2) for receiving solid waste and liquid waste wherein the compost container (1) having a side wall structure (3) and a bottom structure (4) an openable and closable container lid (5) for closing the inner space (2) of the compost container (1) and forming at least a part of a top structure of the compost container (1) and a feed opening (6) in the container lid (5). The dry toilet comprises a support structure (7) for supporting the compost container (1) at a base such at the ground. The compost container (1) is connected to the support structure (7) by means of an axis arrangement (8) so that the compost container (1) is tiltable with respect to the support structure (7) about an essentially horizontal axis.

No. of Pages : 21 No. of Claims : 15

(22) Date of filing of Application :02/11/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : A METHOD FOR THE DETECTION OF A MUTATION IN A TARGET SEQUENCE (51) International classification :C12Q 1/68 (71)Name of Applicant : (31) Priority Document No 1)KEYGENE N.V. :60/721528 Address of Applicant :90, AGRO BUSINESS PARK, NL-(32) Priority Date :29/09/2005 (33) Name of priority country 6708 PW WAGENINGEN THE NETHERLANDS :U.S.A. (86) International Application No :PCT/NL2006/000467 (72)Name of Inventor : 1)VAN EIJK, MICHAEL, JOSEPHUS, THERESIA Filing Date :21/09/2006 (87) International Publication No :WO/2007/037678 2)VAN TUNEN, ADRIANUS, JOHANNES (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :1142/KOLNP/2008 Filed on :18/03/2008

(57) Abstract :

A method for the detection of a mutation in a target sequence in a member of a mutagenized population, which is not for diagnosing diseases in humans and animals, comprising the steps of (a) isolating genomic DNA of each member of the mutagenized population to provide for DNA samples of each population member; (b) pooling the DNA obtained in step (a); (c) amplifying part of the target sequence with a pair of primers from the DNA pools; (d) determining the nucleotide sequence of the amplification products using high throughput sequencing; (e) identifying mutations by clustering/aligning the sequences of the fragments; (f) identifying the member(s) having the mutation.

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

(19) INDIA

(22) Date of filing of Application :02/11/2015

(54) Title of the invention : AEROSOL-CONTAINER FIXED PLATE

(43) Publication Date : 18/03/2016

| (51) International classification | :B65D83/14,B05B9/04 | (71)Name of Applicant : |
|--|---------------------|---|
| (31) Priority Document No | :2013-077931 | 1)TOYO AEROSOL INDUSTRY CO., LTD. |
| (32) Priority Date | :03/04/2013 | Address of Applicant :18-1, Higashigotanda 2-chome, |
| (33) Name of priority country | :Japan | Shinagawa-ku, Tokyo 1410022 JAPAN |
| (86) International Application No | :PCT/JP2013/080702 | (72)Name of Inventor : |
| Filing Date | :13/11/2013 | 1)OGATA Ken |
| (87) International Publication No | :WO 2014/162629 | 2)SHIMIZU Hirokazu |
| (61) Patent of Addition to Application | :NA | 3)TOMA Toru |
| Number | :NA :NA | |
| Filing Date | .INA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Provided is an aerosol container fixed plate capable of being definitively and easily mounted to an aerosol container having two stems and capable of having a variety of cover members attached thereto. This aerosol container fixed plate is provided with: an outer wall (12) which contacts the upper surface of a ring shaped edge section (5) and covers a mounting cap (4) while not covering an opening (11) which exposes the two stems (6); a cylindrical wall (16) for surrounding the ring shaped edge section (5) and integrally connecting at the bottom surface of the outer wall (12); and an engaging part (16a) for engaging the ring shaped edge section (5). Furthermore the aerosol container fixed plate is characterized in that the opening (11) is provided with a position determining wall (13) for forming an inner circumferential surface shape extending along the outer circumferential surface of a projection (7) which projects from the mounting cap (4) with the two stems (6) aligned together and is irregularly shaped in a manner such that the cross sectional shape thereof has a long side and a short side.

No. of Pages : 51 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :02/11/2015

(43) Publication Date : 18/03/2016

| (51) International classification | :B65D83/14 | (71)Name of Applicant : |
|--|--------------------|---|
| (31) Priority Document No | :2013-077932 | 1)TOYO AEROSOL INDUSTRY CO., LTD. |
| (32) Priority Date | :03/04/2013 | Address of Applicant :18-1, Higashigotanda 2-chome, |
| (33) Name of priority country | :Japan | Shinagawa-ku, Tokyo 1410022 JAPAN |
| (86) International Application No | :PCT/JP2013/080703 | (72)Name of Inventor : |
| Filing Date | :13/11/2013 | 1)OGATA Ken |
| (87) International Publication No | :WO 2014/162630 | 2)SHIMIZU Hirokazu |
| (61) Patent of Addition to Application | :NA | 3)TOMA Toru |
| Number | :NA | 4)FURUSAWA, Mitsuo |
| Filing Date | .11A | 5)FUJIE, Takashi |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | |

(54) Title of the invention : AEROSOL-CONTAINER DISCHARGE PART

(57) Abstract :

Provided is an aerosol container discharge part capable of being easily mounted to an aerosol container having two stems and capable of allowing easy cleaning of a channel for contents. This aerosol container discharge part is provided with: a fixed plate (10) to be mounted on an aerosol container (2) having two stems (6); a nozzle (40) for discharging from one spout cylinder (42) and two connecting parts (47) for connecting to each stem (6); and a cover member for covering the nozzle (40) and engaging with and held by the fixed plate (10). Furthermore the aerosol container discharge part is characterized in that: the cover member is provided with a lower cover (20) having a first engaging part (25) for engaging a first engaging hole (17) provided in the fixed plate (10) and an upper cover (30) having a second engaging part (33) for engaging a second engaging hole (27) provided in the lower cover (20); and the lower cover (20) has a pressing part (26) for releasing the second engaging hole (27) engagement as a result of being supported by a hinge (ha) and pressure being applied to the second engaging part (33).

No. of Pages : 37 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :03/11/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : POLYMERIC COIL ASSEMBLY AND METHOD OF MAKING THE SAME

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date | | (71)Name of Applicant : 1)BRENTWOOD INDUSTRIES, INC. Address of Applicant :P.O. Box 605, Reading, PA 19603 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)KRELL, Timothy, E. 2)KULICK, Frank, M., III 3)CALTON, Dean |
|---|-----------------|--|
| (87) International Publication No | :WO 2014/165826 | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

Coil assemblies for use in heat exchange applications are made using polymeric tubes some with heat exchange and water redistribution media integral with the coil assembly and others with a water distribution subassembly integral with the coil assembly. One coil assembly includes at least two generally linear passes that are connected by return bends formed by folding an array of polymeric tubes. The passes have an array of at least two layers of polymeric tubes that pass through alignment holes in tube spacers only along the passes to maintain the tubes in substantially the same relative positional relationship to each other in the passes and in the return bends. Methods are explained for forming the coil assemblies and components including the tube spacers and tube sheets to connect the coil assembly to inlet and outlet manifolds for the processing fluid flowing internally through the tubes.

No. of Pages : 72 No. of Claims : 45

(19) INDIA

(22) Date of filing of Application :03/11/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : INHALABLE PHARMACEUTICAL COMPOSITIONS AND THE INHALER DEVICES CONTAINING THEM

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application | n:A61K9/14,A61M15/00,A61K9/72 :13165799.1 :29/04/2013 :EPO :PCT/EP2014/058616 :28/04/2014 :WO 2014/177520 :NA :NA | (71)Name of Applicant : 1)SANOFI SA Address of Applicant :3 route de Montfleury, CH-1214 Vernier SWITZERLAND (72)Name of Inventor : 1)KAMLAG, Yorick 2)KEIL, Mathias |
|---|---|---|
| e | :NA :NA | |

(57) Abstract :

An inhalable pharmaceutical composition suitable for giving improved feedback to the patient about the inhalation of the metered doses in a range between 5 miligram and 10 miligram and suitable for use in a dry powder inhaler comprises 70 mass% 99 5 mass% of pharmaceutically acceptable carrier suitable for use in dry powder inhalation formulation and 0.5 mass% 30 mass% of one or two pharmaceutically active ingredient(s).

No. of Pages : 64 No. of Claims : 18

(19) INDIA

(22) Date of filing of Application :03/11/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : APPARATUS FOR TIGHTENING THREADED FASTENERS

| (51) International classification | :B25B13/48,B25B17/00,B25B17/02 | (71)Name of Applicant : 1)HYTORC DIVISION UNEX CORPORATION |
|---|-----------------------------------|---|
| (31) Priority Document No | :61/815,428 | Address of Applicant :333 Route 17 North, Mahwah, NJ |
| (32) Priority Date | :24/04/2013 | 07430 UNITED STATES OF AMERICA. |
| (33) Name of priority country | ':U.S.A. | (72)Name of Inventor : |
| (86) International Application No Filing Date | :PCT/US2014/035375 :24/04/2014 | 1)JUNKERS, John, K. 2)KOPPENHOEFER, Peter |
| (87) International Publication No | :WO 2014/176468 | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | ¹ :NA :NA | |

(57) Abstract :

An offset drive link assembly for transmission and multiplication of torque from a power tool for tightening or loosening a threaded fastener includes: a drive force input assembly; a drive force output assembly; and a reaction force assembly. Advantageously the offset drive link assembly: allows access to previously unreachable fasteners due to for example protruding threads limited clearances and obstructions; makes practical previously unusable devices driven either electrically hydraulically manually and/or pneumatically; makes feasible previously unusable advanced materials such as for example aircraft grade aluminum; creates modular components such as for example hex reducing and increasing drive bushings male to female drive adaptors to meet bolting application characteristics; yields accurate and customizable torque multiplication; tames drive force and reaction force application; overcomes corrosion thread and facial deformation; avoids bolt thread galling; nullifies side load; ensures balanced bolt load for symmetrical joint compression; simplifies link and tool use; minimizes risk of operator error; and maximizes bolting safety.

No. of Pages : 25 No. of Claims : 24

(19) INDIA

(22) Date of filing of Application :03/11/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : INFORMATION PROCESSING SYSTEM, INFORMATION PROCESSING METHOD AND NON-TRANSITORY COMPUTER READABLE INFORMATION RECORDING MEDIUM

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No | :G06F3/12,B41J29/38,H04N1/00 :2013-099971 :10/05/2013 :Japan :PCT/JP2014/062118 :23/04/2014 | (71)Name of Applicant : 1)RICOH COMPANY, LTD. Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 JAPAN (72)Name of Inventor : 1)NISHIDA, Takayori |
|---|--|--|
| Filing Date (87) International Publication No. (61) Patent of Addition to Application Number Filing Date | | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

An information processing system includes one or more information processing apparatuses. The system receives via a network mail data including output data or output target data; and determines user identification information to be associated with the received output data or output data generated based on the received output target data from user information stored by using address information of a sender of the mail data or address information in transmission destinations of the mail data. When the user identification information is not determined from the address information of the sender but is determined from the address information in the transmission destinations the system associates data identification information with the output data and stores them; notifies of the data identification information via a network; and transmits via a network the output data associated with the user identification information or the data identification information received via a network.

No. of Pages : 135 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :15/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHODS AND COMPOSITIONS FOR ASSESSING RENAL STATUS USING URINE CELL FREE DNA

| (51) International classification | :C12Q1/68 | (71)Name of Applicant : |
|--|--------------------|--|
| (31) Priority Document No | :61/793,427 | 1)IMMUCOR GTI DIAGNOSTICS, INC. |
| (32) Priority Date | :15/03/2013 | Address of Applicant :3130 Gateway Drive, Norcross, GA |
| (33) Name of priority country | :U.S.A. | 30357 UNITED STATES OF AMERICA. |
| (86) International Application No | :PCT/US2014/029956 | (72)Name of Inventor : |
| Filing Date | :15/03/2014 | 1)SARWAL, Minnie, M. |
| (87) International Publication No | :WO 2014/145232 | 2)SIGDEL, Tara |
| (61) Patent of Addition to Application | :NA | |
| Number | | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | |

(57) Abstract :

The present invention relates to non-invasive tools and methods for evaluating renal status and renal health using urine cell free DNA.

No. of Pages : 63 No. of Claims : 77

(22) Date of filing of Application :15/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD OF TREATMENT

| _ | | |
|---|--------------------|--|
| (51) International classification | :A61K39/095 | (71)Name of Applicant : |
| (31) Priority Document No | :61/802,918 | 1)GLAXOSMITHKLINE BIOLOGICALS S.A. |
| (32) Priority Date | :18/03/2013 | Address of Applicant :Rue de l'Institut 89, B-1330 Rixensart |
| (33) Name of priority country | :U.S.A. | BELGIUM |
| (86) International Application No | :PCT/EP2014/055355 | (72)Name of Inventor : |
| Filing Date | :17/03/2014 | 1)BAINE, Yaela |
| (87) International Publication No | :WO 2014/147044 | 2)MILLER, Jacqueline |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The application discloses method of immunising against Neisseria meningitidis infection comprising the steps of a) immunising a human patient at a first age of between 0 and 1 months with a bacterial saccharide conjugate vaccine comprising at least one, two or three bacterial saccharide(s) separately conjugated to a carrier protein to form at least one, two or three bacterial saccharide conjugate(s); and b) immunising the human patient at a second age of between 12 and 24 months with a Neisseria meningitidis conjugate vaccine comprising at least two capsular saccharides selected from the group consisting of N. meningitidis serogroup A capsular saccharide (Men A), N. meningitidis serogroup C capsular saccharide (MenC), N. meningitidis serogroup W135 capsular saccharide (MenW135), and N. meningitidis serogroup Y capsular saccharide (MenY) conjugated separately to a carrier protein, wherein the Neisseria meningitidis conjugate vaccine is co-administered with a vaccine comprising diphtheria toxoid and tetanus toxoid.

No. of Pages : 55 No. of Claims : 94

(19) INDIA

(22) Date of filing of Application :03/11/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : DRUG COMBINATIONS TO TREAT CANCER

| classification:A01K9/00,A01K31/47,A01K31/517(31) Priority Document No:61/808,516(32) Priority Date:04/04/2013 | (71)Name of Applicant : 1)EXELIXIS, INC. Address of Applicant :210 East Grand Avenue, South San Francisco, CA 94080 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)SWEENEY, Christopher J. 2)KANTOFF, Philip W. |
|---|---|
|---|---|

(57) Abstract :

This invention relates to the combination of cabozantinib and abiraterone to treat cancer particularly castration resistant prostate cancer.

No. of Pages : 74 No. of Claims : 19

(21) Application No.3652/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :03/11/2015

(43) Publication Date : 18/03/2016

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number | :10 2013 005 839.2 :04/04/2013 :Germany :PCT/EP2014/000912 :04/04/2014 :WO 2014/161674 :NA | (71)Name of Applicant : 1)GIESECKE & DEVRIENT GMBH Address of Applicant :Prinzregentenstrasse 159, 81677 München GERMANY (72)Name of Inventor : 1)RAHM, Michael 2)HEIM, Manfred 3)RAUCH, Andreas 4)SCHÜTZMANN, Jürgen |
|--|--|--|
| | :NA :NA | 3)RAUCH, Andreas 4)SCHÜTZMANN, Jürgen 5)HOFFMÜLLER, Winfried |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(54) Title of the invention : SECURITY ELEMENT FOR VALUE DOCUMENTS

(57) Abstract :

The invention concerns a security element having a magnetic coding consisting of magnetic coding elements. At least one of the magnetic coding elements has a grid- shaped magnetic region which is formed by a plurality of mutually parallel grid strips made of magnetic material which respectively have a magnetic anisotropy. The grid strips lead, through their magnetic anisotropy, to the magnetization direction of the coding element being able to differ from the direction of the applied magnetic field. Since the resultant magnetic signals that the grid-shaped magnetic regions deliver cannot be simulated by conventional magnetic regions, said coding elements increase the anti-forgery security of the security element.

No. of Pages : 34 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :08/12/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : BASE STATION, USER DEVICE, CONGESTION STATUS NOTIFICATION CONTROL METHOD, AND SWITCH CONTROL METHOD

(57) Abstract :

A base station for performing communication with a user apparatus that includes a function for switching connection between a first radio communication network and a second radio communication network, including: a group management unit configured to group a plurality of user apparatuses located in an area of the base station into a plurality of groups; and a notification control unit configured to transmit congestion state information indicating a congestion state in the first radio communication network for each group that is grouped by the group management unit, and to cause each group to perform connection switching between the first radio communication network and the second radio communication network.

No. of Pages : 56 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :08/12/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : IMMUNOGENIC COMPOSITION FOR USE IN THERAPY

(57) Abstract :

The application discloses a method of immunising against Staphylococcus aureus infection comprising a step of administering to a human patient a single dose of an immunogenic composition comprising a Staphylococcus aureus Type 5 capsular saccharide conjugated to a carrier protein to form a S. aureus Type 5 capsular saccharide conjugate, wherein the S. aureus Type 5 capsular saccharide conjugate is administered at a saccharide dose of 3- 50µg.

No. of Pages : 51 No. of Claims : 131

(54) Title of the invention : METHOD OF FORMING ELECTRICAL VIA CONNECTION

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(51) International classification :B81B 7/00 (71)Name of Applicant : (31) Priority Document No 1)MICROCHIPS BIOTECH, INC. :60/625,053 (32) Priority Date Address of Applicant :128 SPRING STREET, SUITE 310 :04/11/2004 (33) Name of priority country LEXINGTON, MA 02421 UNITED STATES OF AMERICA. :U.S.A. (86) International Application No :PCT/US2005/040049 (72)Name of Inventor : 1)COPPETA, JONATHAN, R Filing Date :04/11/2005 (87) International Publication No :WO/2006/052763 2)SHELTON, KURT (61) Patent of Addition to Application 3)SHEPPARD, NORMAN, F. JR. :NA Number 4)SNELL, DOUGLAS B. :NA Filing Date 5)SANTINI, CATHERINE M. B. (62) Divisional to Application Number :1764/KOLNP/2007 Filed on :17/05/2007

(57) Abstract :

A method of fanning an electrical via connection comprising: providing a first nonconductive substrate having an aperture therethrough, wherein the interior surface of said first substrate defining said aperture comprises a layer of a first electrically conductive material; providing a second non-conductive substrate having a projecting member extending from a surface of said second substrate, wherein said member is formed of or coated with a second electrically conductive material; and compressing the projecting member of said second substrate into the aperture of said first substrate, to locally deform and shear the first and/or second electrically conductive layers, in an amount effective to form a bond and electrical connection between the fust and second electrically conductive layers.

No. of Pages : 85 No. of Claims : 1

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : DUAL PHASE FUEL FEEDER FOR BOILERS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication | :F22B31/00,F23C10/00,F23C10/10 :61/810,960 :11/04/2013 :U.S.A. :PCT/US2014/033199 :07/04/2014 :WO 2014/168881 | (71)Name of Applicant : 1)BABCOCK & WILCOX POWER GENERATION GROUP, INC. Address of Applicant :20 S. Van Buren Avenue, Barberton, OH 44203 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)DESELLEM, James, F. 2)HEIL, Karl, M. 3)YODER, Jeremiah, J. 4)LARUE, Albert, D. |
|---|---|--|
| (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :NA :NA :NA :NA | 5)MARYAMCHIK, Mikhail 6)STIRGWOLT, William, R. |

(57) Abstract :

A dual phase fuel feeder is disclosed that can be used to provide both solid fuels and liquid fuels to a boiler, such as a fluidized bed boiler. The fuel feeder includes a sloped chute which defines a solid feedpath. Gas distribution nozzles are located at the base of the fuel feeder, and secondary nozzles are located so as to be able to distribute a liquid or particulate fuel into the solid feedpath. This permits the liquid fuel to contact the solid fuel and be carried into the fluidized bed instead of becoming suspended above the bed.

No. of Pages : 32 No. of Claims : 35

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

| (54) Title of the invention : INJECTION DEVICE | | |
|---|--|--|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :A61M5/315 :13163114.5 :10/04/2013 :EPO :PCT/EP2014/057006 :08/04/2014 :WO 2014/166924 :NA :NA :NA :NA | (71)Name of Applicant : SANOFI Address of Applicant :54 rue La Boétie, F-75008 Paris FRANCE (72)Name of Inventor : MARSH, William MORRIS, Anthony Paul BUTLER, Joseph JONES, Matthew |

(57) Abstract :

The invention refers to a handheld injection device comprising a housing (10; 410) and a dose indicator (90; 480) positioned within and axially constrained to the housing (10; 410) and rotatable with respect to the housing (10; 410) during dose setting and during dose dispensing. The dose indicator (90; 480) may comprise a flexible clicker arm (95; 482) which, only during dispense, is displaced in a first radial direction and, when the device reaches its minimum dose (zero) position, in a second, opposite radial direction.

No. of Pages : 41 No. of Claims : 15

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

| (54) Title of the invention : INJECTION DEVICE | | |
|--|--|--|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number | :A61M5/315 :13163092.3 :10/04/2013 :EPO | (71)Name of Applicant : 1)SANOFI Address of Applicant :54 rue La Boétie, F-75008 Paris FRANCE (72)Name of Inventor : 1)JONES, Matthew 2)BILTON, Simon Lewis |
| Filing Date (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The invention refers to an injection device comprising a housing (10; 410), a resilient member (90; 510) adapted to provide a force necessary for ejecting a dose from the injection device, and a dose setting member (80, 60; 420, 440) operatively connected to a dose indicator (120; 480) which is positioned within the housing (10; 410). The dose setting member (80, 60; 420, 440) and the dose indicator (120; 480) cooperate to set the dose to be ejected from the injection device. The dose indicator (120; 480), during dose setting, is adapted to undergo a rotational movement within the housing (10; 410) and relative to the housing (10; 410). Further, a gauge element (110; 490) is provided which is rotationally constrained to the housing (10; 410) and axially displaceable relative to the housing (10; 410). The gauge element (110; 490) and the dose indicator (120; 480) form a limiter mechanism defining a maximum settable dose.

No. of Pages : 49 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :09/12/2015

(43) Publication Date : 18/03/2016

| (51) International classification | :G02F1/15 | (71)Name of Applicant : |
|--|--------------------|---|
| (31) Priority Document No | :61/836,602 | 1)VIEW, INC. |
| (32) Priority Date | :18/06/2013 | Address of Applicant :195 South Milpitas Boulevard, Milpitas, |
| (33) Name of priority country | :U.S.A. | California 95035 UNITED STATES OF AMERICA. |
| (86) International Application No | :PCT/US2014/042819 | (72)Name of Inventor : |
| Filing Date | :17/06/2014 | 1)DIXIT, Abhishek Anant |
| (87) International Publication No | :WO 2014/205014 | 2)MARTIN, Todd |
| (61) Patent of Addition to Application | :NA | 3)PRADHAN, Anshu A. |
| Number | :NA | 4)JACK, Gordon |
| Filing Date | .11A | 5)BHATNAGAR, Yashraj |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | |

(54) Title of the invention : ELECTROCHROMIC DEVICES ON NON-RECTANGULAR SHAPES

(57) Abstract :

This present invention relates to bus bar configurations and fabrication methods of non-rectangular shaped (e.g., triangular,

trapezoidal, circular, pentagonal, hexagonal, arched, etc.) optical devices. The optical device comprises a first side, a second side, and a third side adjacent to the second side and two bus bars spanning a portion of the optical device.

No. of Pages : 92 No. of Claims : 32

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : SYNTHESIS OF CYCLIC IMIDE CONTAINING PEPTIDE PRODUCTS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :13160380.5 :21/03/2013 :EPO :PCT/EP2014/055511 :19/03/2014 :WO 2014/147129 :NA :NA | (71)Name of Applicant : 1)SANOFI-AVENTIS DEUTSCHLAND GMBH Address of Applicant :Brüningstrasse 50, 65929 Frankfurt GERMANY (72)Name of Inventor : 1)HENKEL, Bernd |
|---|--|--|
|---|--|--|

(57) Abstract :

The present invention relates to a method of synthesizing a peptide product comprising at least one cyclic imide group. Further, the invention relates to a peptide product comprising at least one cyclic imide group, which is substantially free from degradation products. The peptide product may be used as a reference material for the quality control of pharmaceutical peptides, particularly for the quality control of a GLP-1 agonist like exendin peptides.

No. of Pages : 24 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :09/12/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : SYSTEM AND METHOD FOR REDUCING HALOGEN LEVELS NECESSARY FOR MERCURY CONTROL

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :13/962,761 :08/08/2013 :U.S.A. :PCT/US2014/049171 | (71)Name of Applicant : 1)BABCOCK & WILCOX POWER GENERATION GROUP, INC. Address of Applicant :20 S. Van Buren Avenue, Barberton, Ohio 44203 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)GADGIL, Mandar R. 2)JANKURA, Bryan J. |
|---|---|---|
|---|---|---|

(57) Abstract :

The present invention relates generally to the field of emission control equipment for boilers, heaters, kilns, or other flue gas-, or combustion gas-, generating devices and, in particular to a new and useful method and apparatus for: (i) reducing halogen levels necessary to affect gas-phase mercury control; (ii) reducing or preventing the poisoning and/or contamination of an SCR catalyst; and/or (iii) controlling various emissions. In another embodiment, the method and apparatus of the present invention is designed to: (a) achieve a reduction in the level of one or more halogens, or halogen-containing compounds, necessary to affect gas-phase mercury control; (ii) achieve protection of, increase the catalytic activity, and/or increase the catalytic life span of an SCR catalyst; and/or (iii) achieve control of various emissions from a combustion process.

No. of Pages : 64 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION (21) Application No.4023/KOLNP/2015 A (19) INDIA (22) Date of filing of Application :09/12/2015 (43) Publication Date : 18/03/2016 (54) Title of the invention : INSULATED CONCRETE BATTERY MOLD, INSULATED PASSIVE CONCRETE CURING SYSTEM, ACCELERATED CONCRETE CURING APPARATUS AND METHOD OF USING SAME (51) International classification :B28B7/24 (71)Name of Applicant : (31) Priority Document No 1)CIUPERCA, Romeo, Llarian :61/822,845 (32) Priority Date Address of Applicant :4363 Whitecap Lane, Norcross, GA :13/05/2013 (33) Name of priority country 30092 UNITED STATES OF AMERICA. :U.S.A. (86) International Application No :PCT/US2014/037745 (72)Name of Inventor : Filing Date :12/05/2014 1)CIUPERCA, Romeo, Llarian (87) International Publication No :WO 2014/186299 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

The invention comprises a concrete form. The concrete form comprises a first mold for concrete and a second mold for concrete, the first and second molds being in thermal communication with each other. The concrete form also comprises thermal insulating material substantially surrounding the first and second molds but not between the first and second molds. A method of using the concrete form is also disclosed.

No. of Pages : 59 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :09/12/2015

(43) Publication Date : 18/03/2016

| (51) International classification | :F41A9/36 | (71)Name of Applicant : |
|--|--------------------|---|
| (31) Priority Document No | :61/830,551 | 1)PROFENSE, LLC |
| (32) Priority Date | :03/06/2013 | Address of Applicant :142 West Deer Valley Road, Phoenix, |
| (33) Name of priority country | :U.S.A. | AZ 85027 UNITED STATES OF AMERICA. |
| (86) International Application No | :PCT/US2014/040709 | (72)Name of Inventor : |
| Filing Date | :03/06/2014 | 1)ROWE, Thomas |
| (87) International Publication No | :WO 2015/026419 | 2)O'DONNELL Arthur |
| (61) Patent of Addition to Application | :NA | |
| Number | :NA | |
| Filing Date | .1174 | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | · · · · · · · · · · · · · · · · · · · |

(54) Title of the invention : MINIGUN WITH IMPROVED FEEDER SPROCKET AND SHAFT

(57) Abstract :

A delinking feeder receives a belt of linked cartridges, separates cartridges from the belt, and feeds the separated cartridges to a minigun for firing. The delinking feeder includes a feeder sprocket a plurality of slots extending outward to an open end at an outer edge of the feeder sprocket body, and each slot is disposed along a curve. The curve decelerates a cartridge disposed in the slot as the cartridge moves outwardly in the slot. A feeder, shaft is adapted to hold the feeder sprocket and a stripper. The shaft includes a section having a plurality of exterior splines, and the feeder sprocket includes an axial hole having a plurality of interior splines configured to mate with the plurality of shaft exterior splines. The stripper sleeve includes an axial hole having a plurality of interior splines configured to mate with the plurality of shaft exterior splines.

No. of Pages : 23 No. of Claims : 20

(19) INDIA

(22) Date of filing of Application :09/12/2015

(43) Publication Date : 18/03/2016

| (51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country | :G08C17/02 :201310187804.2 :20/05/2013 :China | (71)Name of Applicant : 1)CHEN, Yi Hsiang Address of Applicant :3F, No.108, Zhongrong St., Xinzhuang Dist. 242 New Taipei City Tiawan PROVINCE OF CHINA |
|--|--|--|
| (86) International Application No | :PCT/CN2013/085631 :22/10/2013 | Taiwan (72) Name of Inventor : |
| Filing Date (87) International Publication No | :WO 2014/187072 | 1)CHEN, Yi Hsiang |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(54) Title of the invention : WIRELESS REMOTE CONTROL METHOD AND DEVICE FOR ELECTRIC APPLIANCES

(57) Abstract :

An electric appliance remote control apparatus includes a wireless module, a memory unit, a connection unit, a controlling module, and a power supply unit. The wireless module can receive a remote control signal and convert the remote control signal into an enabling signal. The controlling module controls ON/OFF of power from the power supply unit to the connection unit according to the enabling signal. In a method using the electric appliance remote control apparatus, the connection unit is connected to an electric appliance. Monitoring programs corresponding to the electric appliance remote control apparatus are downloaded by and installed in a handheld device and provide an operation interface on a screen of the handheld device. The remote control signal is sent to the wireless module through the operation interface of the handheld device to control or monitor the electric appliance through the electric appliance remote control or monitor the electric appliance through the electric appliance to control apparatus.

No. of Pages : 14 No. of Claims : 19

(21) Application No.3475/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No | :H02J17/00,B60L11/18 :2013-072236 :29/03/2013 :Japan :PCT/JP2014/058093 :24/03/2014 :WO 2014/157093 | (71)Name of Applicant : 1)NISSAN MOTOR CO., LTD. Address of Applicant :2, Takara-cho, Kanagawa-ku Yokohama-shi, Kanagawa 221-0023, JAPAN (72)Name of Inventor : 1)Yukinori TSUKAMOTO |
|---|---|---|
| (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :NA :NA :NA :NA | |

(54) Title of the invention : NON-CONTACT POWER SUPPLY SYSTEM

(57) Abstract :

In non-contact power supply system, which supplies electrical power between the electricity transmission coil (II) of an electricity supply device (1) and the electricity reception coil (21) of a vehicle (2): the electricity supply device (1) is provided with a control means and an electricity-supply-device-side communication means; the vehicle (2) is provided with a vehicle-side communication means, a recording means, which records a plurality of power patterns ahead of time, a detection means, which detects the power pattern of received power, a generation means, which generates a power pattern list by associating the recorded plurality of power patterns and identification information of the electricity supply device (1), and a determination means, which determines whether or not paired communication was established between the vehicle (2) and the electricity supply device (1); the vehicleside communication means transmits a power pattern to the electricity supply device (1); the control means causes the output of power from the electricity transmission coil (11) to the electricity reception coi I (21) in accordance with the power pattern corresponding to the identification information of the results of comparing the output pattern detected by a detection means and the power pattern contained in the power pattern list.

No. of Pages : 67 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :09/12/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : FERRITE STAINLESS STEEL FOIL

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No | :PCT/JP2014/003747 :16/07/2014 | (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)MIZUTANI, Akito 2)FUJISAWA, Mitsuyuki 3)OGATA, Hiroyuki |
|---|---------------------------------------|---|
| (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :NA :NA ¹ :NA :NA | |

(57) Abstract :

Provided is a ferritic stainless steel foil haying high oxidation resistance, high shape stability at high temperatures, high adhesion to an oxide layer, and high adhesion to a catalyst coat. The ferritic stainless steel foil has a composition containing, by mass%, C: 0.050% or less, Si: 0.20% or less, Mr.: 0.20% or less, P: 0.050% or less, S: 0.0050% or less, Cr: 10.5% or more and 20.0% or less, Ni: 0.01% or more and 1.00% or less, Al: more than 1.5% and less than 3.0%, Cu: 0.01% or more and 1.00% or less, N: 0.10% or less, and further contains one or more elements selected from Ti: 0.01% or more and 1.00% or less, Zr: 0.01% or more and 0.20% or less, and Hf: 0.01% or more and 0.20% or less, and the balance being Fe and inevitable impurities. This enables a composite layer of an Al oxide layer and a Cr oxide layer to be formed on the surface of the ferritic stainless steel foil in a high-temperature oxidizing atmosphere at 800°C or nore.

No. of Pages : 72 No. of Claims : 4

(19) INDIA

(22) Date of filing of Application :09/12/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : WEAR-TOGETHER-INFORMATION PROVISION SYSTEM AND READ-INFORMATION MANAGEMENT SYSTEM

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :2013-104844 :17/05/2013 :Japan :PCT/JP2014/057078 :17/03/2014 :WO 2014/185144 :NA :NA :NA | (71)Name of Applicant : 1)START TODAY CO., LTD. Address of Applicant :2-6-1, Nakase, Mihama-ku, Chiba-shi, Chiba 2617116 JAPAN (72)Name of Inventor : 1)MAEZAWA Yusaku 2)KUBOTA Tatsuya |
|---|--|---|
| Filing Date | :NA | |

(57) Abstract :

To provide a coordinates information providing system and a read information management system that assist a user (customer) in properly selecting a commodity to purchase as well as in coordinating the commodity and other commodities. [Means for solving the problem] The coordinates information providing system includes a purchaser terminal 10 operated by a purchaser who purchases or plans to purchase a commodity, a management server 20 that manages information of a commodity as well as information of a purchaser and an information provider and that provides the purchaser terminal 10 with the information of the commodity, an information provider terminal 30 operated by an information provider who provides the management server 20 with coordinates information of a commodity, an information management administrator terminal 40 operated by an information management administrator who administrates the management server 20, and a network 100 interconnecting the terminals 10, 30, and 40 and server 20 to allow them to communicate with each other.

No. of Pages : 101 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :14/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : SALT OF OMECAMTIV MECARBIL AND PROCESS FOR PREPARING SALT

(57) Abstract :

Provided are omecamtiv mecarbil dihydrochloride salt forms, compositions and pharmaceutical formulations thereof, and methods for their preparation and use. Omecamtiv mecarbil (AMG 423, CK-1827452), having the structure:

No. of Pages : 42 No. of Claims : 26

(19) INDIA

(22) Date of filing of Application :14/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : NOVEL INHIBITORS

(57) Abstract :

The invention relates to a compound of formula (I) or a pharmaceutically acceptable salt, solvate or polymorph thereof, including all tautomers and stereoisomers thereof, wherein R1, R2, R3, R4 and R5 are as defined herein, as inhibitors of glutaminyl cyclase (QC, EC 2.3.2.5). QC catalyzes the intramolecular cyclization of N- terminal glutamine residues into pyroglutamic acid (5-oxo-prolyl, pGlu) under liberation of ammonia and the intramolecular cyclization of N-terminal glutamate residues into pyroglutamic acid under liberation of water.

No. of Pages : 201 No. of Claims : 33

(19) INDIA

(22) Date of filing of Application :14/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification | :H02N6/00 | (71)Name of Applicant : |
|---|--------------------|--|
| (31) Priority Document No | :NA | 1)AMPT, LLC |
| (32) Priority Date | :NA | Address of Applicant :4850 Innovation Drive, Fort Collins, |
| (33) Name of priority country | :NA | CO 80525 UNITED STATES OF AMERICA. |
| (86) International Application No | :PCT/US2013/032410 | (72)Name of Inventor : |
| Filing Date | :15/03/2013 | 1)LEDENEV, Anatoli |
| (87) International Publication No | :WO 2014/143021 | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | 1 |

(54) Title of the invention : HIGH EFFICIENCY INTERLEAVED SOLAR POWER SUPPLY SYSTEM

(57) Abstract :

A high efficiency solar power system combining photovoltaic sources of power (1) can be converted by a base phase DC-DC photovoltaic converter (6) and an altered phase DC-DC photovoltaic converter (8) that have outputs combined through low energy storage combiner circuitry (9). The converters can be synchronously controlled through a synchronous phase control (11) that synchronously operates switches to provide a conversion combined photovoltaic DC output (10). Converters can be provided for individual source conversion or phased operational modes, the latter presenting a combined low photovoltaic energy storage DC-DC photovoltaic converter (15) at string or individual panel levels.

No. of Pages : 71 No. of Claims : 50

(19) INDIA

(22) Date of filing of Application :29/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : LUBRICANT OIL COMPOSITION

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :2013-0/4689 :29/03/2013 :Japan :PCT/JP2014/053029 :10/02/2014 :WO 2014/156338 | (71)Name of Applicant : 1)IDEMITSU KOSAN CO., LTD. Address of Applicant :1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1008321 JAPAN (72)Name of Inventor : 1)SHINODA Jitsuo 2)AOKI Shinji |
|---|---|---|
|---|---|---|

(57) Abstract :

A lubricant oil composition comprising a base oil having a kinematic viscosity of 1 to 200 mm2/s inclusive at 40°C, a viscosity index of 80 or more and a sulfur content of less than 0.03 mass%, a polyacrylate-type compound (A) having a mass average molecular weight of 10,000 to 100,000 inclusive, and at least one compound (B) selected from phosphorous compounds each represented by formula (1), wherein the amount of the component (B) added is 0.05 to 2.0 mass% inclusive relative to the whole amount of the composition and the viscosity index of the composition is 160 or more.

No. of Pages : 32 No. of Claims : 6

(19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : AMPHOTERIC XANTHAN GUN/SIO2 HYBRID NANOCOMPOSITE (AMP. XG/SIO2); DEVELOPMENT AND APPLICATION OF A NOVEL ADSORBENT FOR REMOVAL OF CONGO RED DYE (CR DYE) FROM AQUEOUS SOLUTION

Т

| (51) International classification(31) Priority Document No | :A61J3/07 :NA | (71)Name of Applicant : 1)INDIAN SCHOOL OF MINES |
|---|------------------|---|
| (32) Priority Date | :NA | Address of Applicant :DHANBAD-826 004, JHARKHAND, |
| (33) Name of priority country | :NA | INDIA |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)SAGAR PAL |
| (87) International Publication No | : NA | 2)SOUMITA GHORAI |
| (61) Patent of Addition to Application Number | :NA | 3)A. SARKAR |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

This invention relates to a nanocomposite for the removal of Congo red dye from aqueous solution, comprising a hybrid of amphoteric xanthan gum and silica

No. of Pages : 27 No. of Claims : 10

(19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : A METHOD OF PRODUCING EROSION RESISTANT HARD LAYER FOR HYDRO TURBINE COMPONENTS.

| (51) International classification | :F16D3/14 | (71)Name of Applicant : |
|---|-----------|--|
| (31) Priority Document No | :NA | 1)BHARAT HEAVY ELECTRICALS LIMITED |
| (32) Priority Date | :NA | Address of Applicant : REGIONAL OPERATIONS |
| (33) Name of priority country | :NA | DIVISION(ROD), PLOT NO:9/1, DJ BLOCK 3RD FLOOR, |
| (86) International Application No | :NA | KARUNAMOYEE, SALTLAKE CITY, KOLKATA-700091, |
| Filing Date | :NA | HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI |
| (87) International Publication No | : NA | FORT, NEW DELHI - 110049, INDIA. West Bengal |
| (61) Patent of Addition to Application Number | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)VIVEK ARYA |
| (62) Divisional to Application Number | :NA | 2)PARITOSH DUBEY |
| Filing Date | :NA | 3)RAMESH CHANDRA |

(57) Abstract :

A method of producing erosion resistant hard layer comprising depositing ternary metal nitride based nano composite thin film upto 15 microns thickness by magnetron sputtering PVD method in presence of optimized process parameters on martensitic 13Cr-4Ni and AISI 410, 16Cr-5Ni, austenitic 18Cr-8Ni and manganese steel substrate used in hydro turbine components.

No. of Pages : 20 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : SYNTHESIS OF HYDANTOIN CONTAINING PEPTIDE PRODUCTS

| (51) International classification | :C07D233/72,C07K5/00,C07K14/00 | (71)Name of Applicant : 1)SANOFI-AVENTIS DEUTSCHLAND GMBH |
|---|-----------------------------------|--|
| (31) Priority Document No | :13160384.7 | Address of Applicant :Bruningstrasse 50, 65929 Frankfurt |
| (32) Priority Date | :21/03/2013 | GERMANY |
| (33) Name of priority countr | y:EPO | (72)Name of Inventor : |
| (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :PCT/EP2014/055506 :19/03/2014 | 1)HENKEL, Bernd |

(57) Abstract :

The present invention relates to a method of synthesizing a peptide product comprising at least one hydantoin group. The peptide product may be used as a reference material for the quality control of pharmaceutical peptides, particularly for the quality control of exendin peptides. Further, the invention relates to hydantoin building blocks, a method for manufacturing such building blocks and their use for the synthesis of peptide products.

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

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : FUSED HETEROCYCLIC COMPOUNDS AS PROTEIN KINASE INHIBITORS

| (51) International classification:C07D487/04,C07D487/12,A61K31/551(31) Priority Document No:PCT/CN2013/074728(32) Priority Date (33) Name of priority country:25/04/2013(33) Name of priority country:China(86) International Application No Filing Date:PCT/CN2014/075943(87) International Publication No (61) Patent of Addition Filing Date:WO 2014/173289(62) Divisional to Application Number Filing Date:NA :NA(57) Abstract ::NA | (71)Name of Applicant : 1)BEIGENE, LTD Address of Applicant :c/o Mourant Ozannes Corporate Services (Cayman) Limited, 94 Solaris Avenue, PO Box 1348, George Town, Camana Bay, Grand Cayman, KY 1-1108 CAYMAN ISLANDS (72)Name of Inventor : I)GUO, Yunhang WANG, ZHIWEI |
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|---|---|

(57) Abstract :

The invention is fused heterocyclic compounds of formula (I), and salts thereof, compositions thereof, and methods of use therefor. In particular, disclosed herein are certain fused heterocyclic compounds that can be useful for inhibiting protein kinase, including Brutons tyrosine kinase (Btk), and for treating disorders mediated thereby.

No. of Pages : 167 No. of Claims : 15

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : IMAGE PROCESSING METHOD AND IMAGE PROCESSING APPARATUS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application N Filing Date (87) International Publication N (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :13/03/2014 | (71)Name of Applicant : 1)RICOH COMPANY, LTD. Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 1438555 JAPAN (72)Name of Inventor : 1)ISHIMI, Tomomi 2)KAWAHARA, Shinya 3)ASAI, Toshiaki 4)OHI, Katsuya |
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(57) Abstract :

Provided is an image processing apparatus configured to perform by itself image erasing and image recording to a thermally reversible recording medium by irradiating it with laser light and heating it, including a laser light emitting unit, a laser light scanning unit, a focal length control unit, and an information setting unit. During image erasing, the focal length control unit performs control to defocus at the position of the thermally reversible recording medium. During image recording, the focal length control unit performs control to be at a focal length from the position of the thermally reversible recording medium. Immediately after image erasing based on image erasing information set by the information setting unit is completed, image recording is performed based on image recording information.

No. of Pages : 122 No. of Claims : 20

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : DISTRIBUTED INFORMATION TECHNOLOGY INFRASTRUCTURE DYNAMIC POLICY DRIVEN PEAK POWER MANAGEMENT SYSTEM

| (71)Name of Applicant : 1)VIGYANLABS INC. Address of Applicant :2711, N. SEPULVEDA BLVD #447, MANHATTAN BEACH CA90266, USA. (72)Name of Inventor : 1)VARADARAJAN, SRINIVAS 2)KRISHNASWAMY, SRIVATSA 3)HARIHARAN, SANJAYA GANESH |
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| |

(57) Abstract :

A peak power management system for networked smart IT devices. These smart devices have computing capability with at least one CPU and memory and can be networked. An uninterruptible power supply provides power to the smart devices. A central intelligent power management server controls the power consumed by all the smart devices networked with the server. The system uses priority based peak power management policies for smart IT devices assisted by fine grain control of external power drawn by each device. By applying different power management policies at different scheduled intervals and controlling the power consumption on the smart devices, the aggregated peak power demand is controlled. The policies can be adapted in-time to suit the actual, real-time power requirement of devices, their priorities, and applicable peak power limit at that time. Also, dynamic policy based peak power management can be extended to an intelligent hierarchical power distribution network.

No. of Pages : 58 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :12/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : HAIR DYE COMPOSITION AND A PROCESS FOR THE PREPARATION OF THE SAME

| (51) International classification:A61K8/97 A61Q5/00(31) Priority Document No:NA(32) Priority Date:NA(33) Name of priority country:NA(86) International Application No:NAFiling Date:NA(87) International Publication No:NA(61) Patent of Addition to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(62) Divisional to Application Number:NAFiling Date:NA(63) Date:NA | (71)Name of Applicant : 1)MANIPUR UNIVERSITY Address of Applicant :CANCHIPUR, IMPHAL, MANIPUR - 795003, INDIA (72)Name of Inventor : 1)LAITONJAM, WARJEET, SINGH 2)WANGKHEIRAKPAM, SUJATA |
|---|---|
|---|---|

(57) Abstract :

The present invention provides a herbal hair dyeing composition comprising i) dyeing agent; ii) mordants and iii) additives; such that said dyeing agent is present in an amount from 40 to 45 wt% of total weight composition; said mordants are present in an amount from 40 to 45 wt% of total weight composition; and said additives are present in an amount from 10 to 20 wt% of total weight composition. The present invention also provides a process for the preparation of the herbal hair dyeing.

No. of Pages : 25 No. of Claims : 15

(21) Application No.3592/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :29/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No | :F16F15/32,G01M1/32 :13164570.7 :19/04/2013 :EPO :PCT/EP2014/056988 :08/04/2014 :WO 2014/170162 | (71)Name of Applicant : 1)WEGMANN AUTOMOTIVE GMBH & CO. KG Address of Applicant :Rudolf-Diesel-Straße 6, 97209 Veitshöchheim GERMANY (72)Name of Inventor : 1)BÜRGEL, Hans-Ulrich |
|---|---|---|
| (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :NA :NA :NA | |
| Filing Date | :NA | |

(54) Title of the invention : AUTOMATIC DISPENSER FOR BALANCING WEIGHTS

(57) Abstract :

A dispenser for balancing weights for vehicles comprises a plurality of dispenser modules (101-112). The dispenser modules (101-112) have a cartridge (202) with at least two compartments (310, 320) for storing balancing weights (401). Each compartment (310, 320) has at least one retrieval opening (304, 305). A cartridge actuator (201) moves the cartridge (202) linearly along a first axis (220), such that a retrieval feed opening (304, 305) is positioned above a slider feed opening (207) in the dispenser module. A slider (203), which is operated by a slider actuator (209) along a second axis (221), parallel to the first axis (220), has a balancing weight compartment (208), which can be moved under the slider feed opening (207), such that a balancing weight (400) may drop from the cartridge (202) into the compartment (208). The compartment (208) is then moved to a picking tray (210) in which the balancing weight (401) is delivered to a handling device for placing the balancing weight (401) to a wheel.

No. of Pages : 18 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :29/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : A SYSTEM AND METHOD FOR TREATING WATER SYSTEMS WITH HIGH VOLTAGE DISCHARGE AND OZONE

(57) Abstract :

A system and method for treating flowing water systems with a plasma discharge to remove or control growth of microbiological species. The system and method protect other components of the water system from being damaged by excess energy from the electrohydraulic treatment. The system and method also recycle ozone gas generated by a high voltage generator that powers the plasma discharge to further treat the water. A gas infusion system upstream of or inside a plasma reaction chamber may be used to create fine bubbles of ozone, air, or other gases in the water being treated to aid in plasma generation.

No. of Pages : 34 No. of Claims : 21

(22) Date of filing of Application :29/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : FOOD COMPRISING A POLYMERIC BINDER INCLUDING A SYNTHETIC LINEAR COPOLYMER

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on | :U.S.A. | (71)Name of Applicant : VALORISATION-RECHERCHE, LIMITED PARTNERSHIP Address of Applicant :5160 DECARIE BLVD., SUITE 770, MONTREAL, QUEBEC, H3X 2H9, CANADA (72)Name of Inventor : LEROUX, JEAN-CHRISTOPHE NASSER EDDINE, MOHAMAD |
|--|---------|---|
|--|---------|---|

(57) Abstract :

The invention discloses food comprising a polymeric binder including a synthetic linear copolymer, said synthetic linear copolymer comprising a linear copolymer of hydroxycthyl methacrylate (HEMA) and 4-styrene sulfonic acid sodium salt hydrate (SStNa), wherein said linear copolymer has a molar percentage ratio of HEMA:SStNa of from between 82.4: 17.6 mol % to 28:72 mol %, wherein the synthetic polymer has a molecular weight comprised between 5,000 and 5,000,000 g/mol.

No. of Pages : 46 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :29/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : TRANSPORTATION AND/OR STORAGE DEVICE COMPRISING A DOUBLE- WALLED INSULATING BULB

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :B65D81/38 :13/53982 :30/04/2013 :France :PCT/US2013/059261 :11/09/2013 :WO 2014/185943 :NA :NA :NA | (71)Name of Applicant : 1)ST REPRODUCTIVE TECHNOLOGIES, LLC Address of Applicant :22575 State Highway 6 South, Navasota, Texas 77868 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)COGNARD, Eric |
|--|--|--|
| (62) Divisional to Application Number Filing Date | :NA :NA | |
| | | |

(57) Abstract :

A transportation and/or storage device comprising a cap and an external packaging structure with curved outer contours and a doublewalled insulating bulb. The invention can be used for transportation and/or storage of products conserved at very low temperatures by means of a liquefied gas, such as liquid nitrogen, and entails a reduced number of components, low manufacturing cost and permits single-use utilization.

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

(19) INDIA

(22) Date of filing of Application :26/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : MUTANT BACTERIA FOR PRODUCTION OF GENERALIZED MODULES FOR MEMBRANE ANTIGENS

| (31) Priority Document Not (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number | :A61K39/095,A61K35/00,C07K14/285 :PCT/EP2013/058459 :24/04/2013 :EPO :PCT/EP2014/058396 :24/04/2014 :WO 2014/174043 :NA :NA :NA | (71)Name of Applicant : 1)GLAXOSMITHKLINE BIOLOGICALS SA Address of Applicant :Rue de l'Institut 89' B-1330 Rixensart BELGIUM (72)Name of Inventor : 1)ARICO, Maria 2)ERCOLI, Giuseppe 3)NORAIS, Nathalie 4)SORIANI, Marco 5)TANI, Chiara |
|--|--|--|
| (57) A1 (| | |

(57) Abstract :

Gram-negative bacterial strains are generated by inactivating at least one LytM catalytic domain-containing protein, such as NT013, NT017 and NT022 of non typeable H influenzae. The vesicles from these strains are useful for vaccination.

No. of Pages : 64 No. of Claims : 16

(21) Application No.3546/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : APPARATUS AND METHOD FOR DISPENSING VEHICLE BALANCING WEIGHTS :F16F15/32,G01M1/32 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)WEGMANN AUTOMOTIVE GMBH & CO. KG :13165226.5 (32) Priority Date Address of Applicant :Rudolf-Diesel-Straße 6, 97209 :24/04/2013 (33) Name of priority country :EPO Veitshöchheim GERMANY (86) International Application No (72)Name of Inventor: :PCT/EP2014/057332 Filing Date 1)BÜRGEL, Hans-Ulrich :11/04/2014 (87) International Publication No :WO 2014/173698 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract :

An apparatus and a method for dispensing vehicle balancing weights are disclosed. The dispenser comprises a plurality of transport units (22, 23) arranged below cartridges (20, 21) for storing and transporting balancing weights. The transport units (22, 23) move balancing weights from a selected section of the cartridges (20, 21) to two belt conveyors (10, 13) for further transporting the balancing weights to a handling device. Each transport unit (22, 23) comprises a feeder (60, 65), whereas the feeders (60, 65) push selected balancing weights towards belt conveyors (10, 13).

No. of Pages : 22 No. of Claims : 11

(21) Application No.3547/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification | :G02B5/28 | (71)Name of Applicant : |
|---|--------------------|---|
| (31) Priority Document No | :61/812,397 | 1)MATERION CORPORATION |
| (32) Priority Date | :16/04/2013 | Address of Applicant :6070 Parkland Boulevard, Mayfield |
| (33) Name of priority country | :U.S.A. | Heights, Ohio 44124 UNITED STATES OF AMERICA. |
| (86) International Application No | :PCT/US2014/033784 | (72)Name of Inventor : |
| Filing Date | :11/04/2014 | 1)DOWNING, Kevin R. |
| (87) International Publication No | :WO 2014/172195 | 2)TRIBICK, Ian S. |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(54) Title of the invention : FILTER ARRAY WITH REDUCED STRAY LIGHT

(57) Abstract :

Optical filter elements each include a parallelogram shaped substrate with parallel light entrance and light exit surfaces and parallel slanted sidewalls slanted at an angle, and an interference filter disposed on one or both of the light entrance surface and the light exit surface. The optical filter elements are bonded together at the slanted sidewalls to form the optical filter array. Light is filtered by illuminating the optical filter array at an angle θ equal to or corresponding to the angle of the slanted sidewalls. In some embodiments the angle of the slanted sidewalls corresponds to the angle of incidence θ by Snells law.

No. of Pages : 22 No. of Claims : 24

(22) Date of filing of Application :14/10/2015

(43) Publication Date : 18/03/2016

| (54) Title of the invention : MIXER VEHICLE | | | |
|---|--|---|--|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | | (71)Name of Applicant : 1)KAYABA INDUSTRY CO., LTD. Address of Applicant :World Trade Center Bldg., 4-1, Hamamatsu-cho 2-chome, Minato-ku, Tokyo 1056111 JAPAN (72)Name of Inventor : 1)Yoshimitsu TAKAHASHI | |

(57) Abstract :

A mixer truck provided with a mixer drum that is mounted on a vehicle and can be loaded with ready-mixed concrete is provided with: a drive device for rotationally driving the mixer drum; and a loading state detector for detecting whether or not the mixer drum is loaded with the ready-mixed concrete, and the rotation of the mixer drum by the drive device can be stopped when the vehicle is in a stopped state, and the loading state detector detects that the mixer drum is not loaded with the ready-mixed concrete.

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

(21) Application No.3401/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :14/10/2015

(43) Publication Date : 18/03/2016

| :F15B15/14 | (71)Name of Applicant : |
|--------------------|--|
| :2013-070048 | 1)KAYABA INDUSTRY CO., LTD. |
| :28/03/2013 | Address of Applicant :World Trade Center Bldg., 4-1, |
| :Japan | Hamamatsu-cho 2-chome, Minato-ku, Tokyo 1056111 JAPAN |
| :PCT/JP2014/057996 | (72)Name of Inventor : |
| :24/03/2014 | 1)Taketoshi KOBAYASHI |
| :WO 2014/157044 | |
| ٠NA | |
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| .1NA | |
| :NA | |
| :NA | |
| | :2013-070048 :28/03/2013 :Japan :PCT/JP2014/057996 :24/03/2014 :WO 2014/157044 :NA :NA :NA |

(54) Title of the invention : PIPE FIXTURE FOR FLUID PRESSURE CYLINDER

(57) Abstract :

A pipe fixture for a fluid pressure cylinder which fixes, to a cylinder tube, a pipe for supplying and discharging a working fluid within the cylinder tube is equipped with a band which is provided with two half-band parts curved along the outer periphery of the cylinder tube and which sandwiches the cylinder tube by securing together both ends of the two band parts, and a bracket to which the pipe is attached which has both ends in the circumferential direction fixed by welding to the outer periphery of the band part. The band part to which the bracket is welded is provided with a bracket facing section which faces the bracket and a low-rigidity section which has a lower rigidity than the bracket facing section.

No. of Pages : 22 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :28/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD FOR PRODUCING CYCLOALKYL ALKYL ETHER COMPOUND

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (63) Date | (71)Name of Applicant : 1)ZEON CORPORATION Address of Applicant :6-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 1008246 JAPAN (72)Name of Inventor : 1)NAKANO Yasushi 2)SASANUMA Takashi |
|--|--|
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(57) Abstract :

The present invention is a method for producing a cycloalkyl alkyl ether compound comprising reacting substituted or unsubstituted cyclopentene or substituted or unsubstituted cyclohexene with an alcohol compound represented by a formula (2): R10H (wherein R1 is a substituted or unsubstituted alkyl group having 1 to 10 carbon atoms, or a substituted or unsubstituted cycloalkyl group having 3 to 8 carbon atoms) in a gaseous state in presence of an acidic ion-exchange resin to produce a cycloalkyl alkyl ether compound represented by a formula (1): R 1-0-R2 (wherein R1 is the same as defined above, and R2 is a substituted or unsubstituted cyclopentyl group or a substituted or unsubstituted cyclohexyl group), the acidic ion-exchange resin having a specific surface area of 20 to SO m2/g, an average pore size of 20 to 70 nm, and a total exchange capacity of 4.8 to 6.0 eq/L-R wet resin.

No. of Pages : 28 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :28/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : PROCESS FOR THE PREPARATION OF AMINOARYL- AND AMINOHETEROARYL BORONIC ACIDS AND ESTERS

Т

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :C07F5/02,C07F5/04 :13425068.7 :06/05/2013 :EPO :PCT/EP2014/058873 :30/04/2014 :WO 2014/180735 :NA :NA :NA :NA | (71)Name of Applicant : EUTICALS S.P.A. Address of Applicant :Viale Bianca Maria, 25, I-20122 Milano (MI) ITALY (72)Name of Inventor : NONNENMACHER, Michael BUSCH, Torsten |
|---|--|---|
| Filing Date | :NA | |

(57) Abstract :

The present invention relates to a process for the preparation of aminoaryl- and aminoheteroaryl boronic acids and esters thereof of formula (I) in high yield. The claimed process uses diarylketal formula (V) to generate an arylbromide of formula (III) in which the amino-group is protected as bisarylmethylidenimino-group, which is then transformed into a formula (I) compound.

No. of Pages : 34 No. of Claims : 30

(21) Application No.3455/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :15/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification | :G06F9/44,G06F15/16 | (71)Name of Applicant : |
|--|---------------------|---|
| (31) Priority Document No | :13/833,775 | 1)BEEONICS, INC. |
| (32) Priority Date | :15/03/2013 | Address of Applicant :610 Lincoln Street, Suite 100, Waltham, |
| (33) Name of priority country | :U.S.A. | Massachusetts 02451 UNITED STATES OF AMERICA. |
| (86) International Application No | :PCT/US2014/026995 | (72)Name of Inventor : |
| Filing Date | :14/03/2014 | 1)CHIUSSI, Fabio |
| (87) International Publication No | :WO 2014/152141 | 2)HEGDE, Parameshwar |
| (61) Patent of Addition to Application | :NA | |
| Number | :NA | |
| Filing Date | .111 | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(54) Title of the invention : DYNAMIC USER INTERFACE DELIVERY SYSTEM

(57) Abstract :

A System Solution offers a Business Entity a way to update a Native Application Client by directly downloading a new version of the Application Client from an Application Server bypassing the Application Store. A Native Application Client is updated while the current Native Application Client is running on the Client Device. A Native Application Client is divided into a Native Layer which runs directly on the Operating System of the Client Device and a Dynamic Layer that runs on the Native Layer. The System Solution automatically generates Application Clients, Application Servers, and Dashboards. The Business Entity uses the generated Dashboards to modify the Dynamic Layer by generating a new Dynamic Layer and making it available for download to the Client Device. The Navigation Parameters can be set in the Dynamic Layer allowing the Business Entity to change the application flow of the Native Application Client.

No. of Pages : 59 No. of Claims : 21

(19) INDIA

(22) Date of filing of Application :15/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : ENHANCED EXTRACTS OF FOOD AND BEVERAGE COMPONENTS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :A23F5/00,A23L1/221,A23L1/28 :61/799,208 :15/03/2013 :U.S.A. :PCT/US2014/019145 :27/02/2014 :WO 2014/149512 :NA :NA :NA | (71)Name of Applicant : 1)STARBUCKS CORPORATION D/B/A STARBUCKS COFFEE COMPANY Address of Applicant :2401 Utah Avenue South, Seattle, WA 98134-1435 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)ROBINSON, Urano A. 2)DA CRUZ, J., Marcio 3)VU, Dien Wan 4)KUO, Joseph |
|--|--|---|
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(57) Abstract :

Generally described are extracts and beverages with enhanced nutrients, flavors and textures and methods of making the same. Some embodiments relate to extracts and beverages produced through filtration techniques.

No. of Pages : 49 No. of Claims : 56

(21) Application No.4021/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :09/12/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : WOUND DRESSINGS AND APPLICATIONS THEREOF

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication | :PCT/US2014/038942 :21/05/2014 | (71)Name of Applicant : 1)THE PENN STATE RESEARCH FOUNDATION Address of Applicant :304 Old Main Street, University Park, PA 16802 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)YANG, Jian 2)NGUYEN, Kytai, T. 3)XIE, Zhiwei |
|--|---------------------------------------|--|
| (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :NA :NA ¹ :NA :NA | |

(57) Abstract :

In one aspect, compositions and wound dressings are described herein. In some embodiments, a composition or wound dressing described herein comprises a mesh formed from a plurality of biodegradable polymer fibers; a first active agent dispersed in the biodegradable polymer fibers; a plurality of biodegradable polymer particles disposed in the mesh; and a second active agent dispersed in the biodegradable polymer particles. The particles can be disposed within the interiors of the fibers of the mesh or between the fibers of the mesh. In another aspect, a composition or wound dressing described herein comprises a first perforated mesh formed from a first plurality of biodegradable polymer fibers; and a second perforated mesh formed from a second plurality of biodegradable polymer fibers, wherein the second perforated mesh is disposed on the first perforated mesh in a stacked configuration and the first and second perforated meshes have different degrees of perforation.

No. of Pages : 61 No. of Claims : 33

(21) Application No.3616/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :30/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : VIDEO-VOICE PREPARATION OF ELECTRONIC TAX RETURN

(57) Abstract :

Methods, systems and computer program products for processing video of tax documents and associated verbal input provided by a user and populating at least a portion of an electronic tax return with processing results.

No. of Pages : 62 No. of Claims : 38

(19) INDIA

(22) Date of filing of Application :30/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : METHOD FOR COMMUNICATING ELECTRONIC APPARATUS WITH ADAPTOR VIA SPECIFIC COMMUNICATION INTERFACE TO ADJUST OPERATION BEHAVIOR OF ADAPTOR, ELECTRONIC APPARATUS, AND CORRESPONDING ADAPTOR

| (51) International classification | :H01R24/54,H01R31/06 | (71)Name of Applicant : |
|---|----------------------|--|
| (31) Priority Document No | :61/814,598 | 1)MEDIATEK INC. |
| (32) Priority Date | :22/04/2013 | Address of Applicant :No.1, Dusing Road 1st, Science-Based |
| (33) Name of priority country | :U.S.A. | Industrial Park, Hsin-Chu, Taiwan CHINA |
| (86) International Application No | :PCT/CN2014/075768 | (72)Name of Inventor : |
| Filing Date | :21/04/2014 | 1)LEE, Chuan-Chang |
| (87) International Publication No | :WO 2014/173262 | 2)HSU, Chih-Yuan |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A method for communicating an electronic apparatus with an adaptor via a specific communication interface includes: communicating the electronic apparatus with the adaptor by using the electronic apparatus to generate a specific information pattern on a signal port of the specific communication interface; and in response to the specific information pattern received on the signal port, the adaptor adjusting at least one operation behavior.

No. of Pages : 34 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION (19) INDIA

(22) Date of filing of Application :30/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : A METHOD AND A SYSTEM FOR SUPPORTING A FRAME OF A MINERAL MATERIAL CRUSHER AND A CRUSHING PLANT

| (51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country | :E02F9/02,B02C1/02,B02C21/02 :20135652 :14/06/2013 :Finland | (71)Name of Applicant : 1)METSO MINERALS, INC. Address of Applicant :Fabianinkatu 9 A, FI-00130 Helsinki FINLAND |
|--|--|---|
| (86) International ApplicationNoFiling Date | :PCT/FI2014/050407 :26/05/2014 | (72)Name of Inventor : 1)JONKKA, Jari |
| (87) International Publication No.(61) Patent of Addition to | | |
| Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

A method and a system for supporting a frame (10) of a mineral material crusher (100) on a body (701) of a crushing plant (700) and a mineral material processing plant (700). The crusher frame (10) is supported by first support devices (210) in place in relation to the body of the crushing plant at first support points of the body of the crushing plant and by at least two second support devices (320, 420, 520) to the body of the crushing plant at second support points. The second support device (320, 420, 520) comprises an adjusting member (300) to be arranged in between the crusher frame (10) and the body (701) of the crushing plant, and at least one second support device (320, 420, 520) is configured to move the frame of the crusher vertically in relation to the body of the crushing plant. The adjusting member (300) comprises a cylinder (301) and a piston (302) adapted inside the cylinder which define an adjusting volume (303, 303) therebetween in which a pressure is formed from a load above the adjusting member. Same pressure is arranged to form into the adjusting volumes of the adjusting members.

No. of Pages : 27 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :28/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : OPEN-CELL MATERIALS FOR USE IN THERMOCHEMICAL FUEL PRODUCTION PROCESSES

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application | ¹ :PCT/EP2014/001082 :23/04/2014 ² :WO 2014/173537 :NA :NA | (71)Name of Applicant : ETH ZURICH Address of Applicant :Raemistrasse 101 / ETH transfer, CH-8092, Zurich SWITZERLAND EMPA (72)Name of Inventor : SCHEFFE, Jonathan FURLER, Philipp VOGT, Ulrich GORBAR, Michal |
|---|--|---|
| (62) Divisional to Application Number Filing Date | ⁿ :NA :NA | |

(57) Abstract :

The present invention provides for a structure for use in a thermo chemical fuel production process, said structure having a void phase and a solid phase, wherein the structure has an effective total optical thickness for solar radiation or effective total optical thickness for infrared radiation of from 0.1 to 10, wherein the solid phase has a geometrical specific surface area of more than 2103 m-1 and wherein the solid phase comprises and preferably consists of a reactive material.

No. of Pages : 20 No. of Claims : 15

(22) Date of filing of Application :14/10/2015

(43) Publication Date : 18/03/2016

| (54) Title of the invention : MULTIVALENT AND MONOVALENT MULTISPECIFIC COMPLEXES AND THEIR USES | | | |
|---|--|--|--|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :A61K39/395 :61/802,343 :15/03/2013 :U.S.A. :PCT/US2014/029077 :14/03/2014 :WO 2014/144600 :NA :NA :NA :NA | (71)Name of Applicant : 1)ZYNGENIA, INC. Address of Applicant :21 First Field Road, Suite 200, Gaithersburg, Maryland 20878 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)ROSCHKE, Viktor 2)LAFLEUR, David 3)HILBERT, David, M. 4)KIENER, Peter | |

(57) Abstract :

Compositions containing multivalent and monovalent multispecific complexes having scaffolds such as antibodies that support such binding functionalities are described. The use of and methods of compositions containing multivalent and monovalent multispecific complexes having scaffolds, such as antibodies, that support such binding functionalities are also described.

No. of Pages : 389 No. of Claims : 60

(22) Date of filing of Application :14/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : EMBOLISATION SYSTEMS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date | :61/787,223 :15/03/2013 :U.S.A. :PCT/EP2014/055186 :14/03/2014 :WO 2014/140325 :NA :NA | (71)Name of Applicant : 1)NATIONAL UNIVERSITY OF IRELAND GALWAY Address of Applicant :University Road, Galway IRELAND (72)Name of Inventor : 1)ALLEN, Wayne 2)FORDE, Colin 3)GILSON, Paul 4)MULLINS, Liam 5)SHERIDAN, William |
|---|---|--|
| Filing Date (62) Divisional to Application Number Filing Date | :NA :NA :NA | |

(57) Abstract :

A bristle device (8) for delivery into a body lumen comprises a longitudinally extending stem and a plurality of bristles extending generally outwardly from the stem for anchoring the device in a body lumen. There may beat least two bristle segments (96) and there are flexible sections (95) between the segments (96). The flexible sections (95) articulate to enable the device to pass through a catheter placed in a tortuous anatomy or to be deployed in a curved vessel, or across a bifurcation. In some cases at least some of the bristle segments (96) are spaced-apart to accommodate bending of the bristles.

No. of Pages : 177 No. of Claims : 101

(19) INDIA

(22) Date of filing of Application :08/12/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : COMPOUNDS AND METHODS FOR TREATING BACTERIAL INFECTIONS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (57) Abstract : | :A61K31/7034,A61K31/706,A61K31/7042 :61/828,954 :30/05/2013 :U.S.A. :PCT/US2014/040355 :30/05/2014 :WO 2014/194270 ⁿ :NA :NA :NA | (71)Name of Applicant : 1)WASHINGTON UNIVERSITY Address of Applicant :One Brookings Drive, St. Louis, Missouri 63130 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)JANETKA, James W. 2)HAN, Zhenfu 3)HULTGREN, Scott 4)PINKNER, Jerry 5)CUSUMANO, Corinne |
|--|--|---|
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(57) Abstract :

The present invention encompasses compounds and methods for treating and preventing bacterial infections specifically urinary tract infections and those caused by bacteria containing type 1 pili and FimH. The present invention also encompasses compounds and methods for treating inflammatory bowel disease specifically Crohns Disease.

No. of Pages : 173 No. of Claims : 19

(19) INDIA

(22) Date of filing of Application :08/12/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : A UNITARY PARTICLE PROCESSING CARTRIDGE ADAPTED FOR INSERTION INTO AND REMOVAL FROM A PROCESSING INSTRUMENT

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No | | (71)Name of Applicant : 1)CYTONOME/ST, LLC Address of Applicant :27 DRYDOCK AVENUE, BOSTON, MA 02210 UNITED STATES OF AMERICA. (72)Name of Inventor : |
|--|---------------------------------|--|
| Filing Date | :05/12/2005 | 1)GILBERT, JOHN R. |
| (87) International Publication No | :WO 2006/060783 | 2)LEWIS, HUGH |
| (61) Patent of Addition to Application | :WO 2000/000783 | 3)BEAUPRE, DEREK |
| Number | :NA | 4)TRIKHA, JAISHREE |
| Filing Date | :NA | 5)DESHPANDE, MANISH |
| (62) Divisional to Application Number Filed on | :2093/KOLNP/2007 :08/06/2007 | |

(57) Abstract :

A unitary particle processing cartridge (100, 200) adapted for insertion into and removal from a processing instrument is disclosed. The unitary particle processing cartridge comprises: a microfluidic particle processing component (110), wherein the microfluidic particle processing component comprises a particle sorting component (120); a cartridge substrate providing one or more fluid chambers (112, 114, 124a, 124b) external to the microfluidic particle processing component (110, 120), wherein the unitary particle processing cartridge includes fluid contact surfaces for a particle sorting operation and the fluid contact surfaces are encapsulated and sealed in the unitary particle processing cartridge from the exterior environment during the insertion, sorting, and removal operations; and a sample extraction port (106) in fluid communication with at least one of the one or more fluid chambers of the cartridge substrate and configured for extracting a processed sample from the unitary particle processing cartridge.

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

(22) Date of filing of Application :20/10/2015

(54) Title of the invention : NOVEL DEVICE

(43) Publication Date : 18/03/2016

| (51) International classification | :B65D47/24 | (71)Name of Applicant : |
|--|--------------------|--|
| (31) Priority Document No | :201310130818.0 | 1)GLAXOSMITHKLINE (CHINA) INVESTMENT CO |
| (32) Priority Date | :16/04/2013 | LTD |
| (33) Name of priority country | :China | Address of Applicant :Room 901, Building A, Ocean |
| (86) International Application No | :PCT/IB2014/060762 | International Center, 56 Mid 4th East Ring Road, Choa Yang |
| Filing Date | :16/04/2014 | District, Beijing PEOPLE'S REPUBLIC OF CHINA |
| (87) International Publication No | :WO 2014/170841 | (72)Name of Inventor : |
| (61) Patent of Addition to Application | :NA | 1)DEBNATH, Gautam |
| Number | | 2)HU, Mingsheng |
| Filing Date | :NA | 3)MA, Nan |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | • |

(57) Abstract :

An applicator head for a fluid material comprising a neck part having a flow conduit for the flow of the fluid material and an outlet part comprising a slideable sleeve externally mounted on the neck part, the neck part incorporating a closure part engages with the outlet opening to close it, and the outlet part has an external applicator surface adapted to apply the fluid material to a users skin and the outlet opening is an opening through the applicator surface.

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

(19) INDIA

(22) Date of filing of Application :20/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : TREATMENT OF DIABETES MELLITUS BY LONG-ACTING FORMULATIONS OF INSULINS

(51) International classification :A61K38/28,A61K9/00,A61P3/10 (71)Name of Applicant : (31) Priority Document No :13305432.0 **1)SANOFI** (32) Priority Date :03/04/2013 Address of Applicant :54 rue La Boétie, F-75008 Paris :EPO (33) Name of priority country FRANCE (86) International Application (72)Name of Inventor: :PCT/EP2014/056498 No 1)MÜHLEN-BARTMER, Isabel :01/04/2014 Filing Date 2)ZIEMEN Monika (87) International Publication :WO 2014/161837 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

The application relates to an aqueous pharmaceutical formulation for use in the treatment of Type I or Type II Diabetes Mellitus, wherein the treatment reduces the risk of nocturnal hypoglycemia, said formulation comprising 200 -1000 U/mL [equimolar to 200 - 1000 IU human insulin] of insulin glargine, with the proviso that the concentration of said formulation is not 684 U/mL of insulin glargine.

No. of Pages : 197 No. of Claims : 61

(19) INDIA

(22) Date of filing of Application :14/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country | :H02G15/22 :13/803,664 :14/03/2013 :U.S.A. | (71)Name of Applicant : 1)HUBBELL INCORPORATED Address of Applicant :40 Waterview Drive, Shelton, Connecticut 06484 UNITED STATES OF AMERICA U.S.A. |
|--|---|---|
| (86) International Application No | | (72)Name of Inventor : |
| Filing Date | :25/02/2014 | 1)CRUTCHER, Bernard |
| (87) International Publication No | :WO 2014/158573 | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(54) Title of the invention : STRANDED COMPOSITE CORE COMPRESSION CONNECTOR ASSEMBLY

(57) Abstract :

A coupling member for receiving wire strands of a stranded composite core conductor includes a substantially cylindrical body having first and second ends. A first through hole extends from a first opening at the first end to a second opening at the second end of the body for receiving a wire strand of the stranded conductor. A first protrusion extends axially outwardly from the first end of the body. A first recess in the second end of the body is adapted to receive a protrusion of an adjacent coupling member.

No. of Pages : 25 No. of Claims : 22

(19) INDIA

(22) Date of filing of Application :28/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : FIBER-GRATING SENSORS HAVING LONGITUDINAL-STRAIN-INDUCING JACKETS AND SENSOR SYSTEMS AND STRUCTURES INCLUDING SUCH SENSORS

| (51) International classification(31) Priority Document No(32) Priority Date | :G01D5/353,G01L1/24,G02B6/02 :61/816,466 :26/04/2013 | (71)Name of Applicant : 1)WICOR HOLDING AG Address of Applicant :60 Neue Jonastrasse, CH-8640 |
|--|--|---|
| (33) Name of priority country | :U.S.A. | Rapperswil SWITZERLAND |
| (86) International Application No Filing Date (87) International Publication No | :PCT/US2014/035485 :25/04/2014 :WO 2014/176522 | (72)Name of Inventor :1)UDD, Eric |
| (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :NA :NA :NA | |

(57) Abstract :

A sensor comprising an optical fiber that includes a Bragg grating and a longitudinal-strain-inducing (LSI) jacket for inducing longitudinal strain into the optical fiber as a function of a transverse load, i.e., pressure or force. As the LSI jacket induces strain into the optical fiber, the fiber grating deforms, thereby changing the character of light reflected from the grating. The changes in character of the reflected light can be measured using suitable optical instrumentation. Additional physical characteristics that can be measured/sensed using an LSI-jacket-based sensor include moisture content/presence, chemical content/presence, and temperature. A transverse-load-sensing sensor can include transverse-load-applying structures that compress the LSI jacket under transverse load, causing the jacket to controllably elongate and thereby induce longitudinal strain into the optical fiber. Chemical and moisture LSI jackets can comprise materials that swell in the presence of the chemical or moisture.

No. of Pages : 43 No. of Claims : 28

(19) INDIA

(22) Date of filing of Application :28/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : INCREASING RELIABILITY OF INFORMATION AVAILABLE TO PARTIES IN MARKET TRANSACTIONS

| (51) International classification | .06020/06 | (71) Nome of Applicant . |
|--|--------------------|---|
| | :G06Q30/06 | (71)Name of Applicant : |
| (31) Priority Document No | :61/820,450 | 1)EQUIFAX, INC. |
| (32) Priority Date | :07/05/2013 | Address of Applicant :1550 Peachtree Street, N.W., Atlanta, |
| (33) Name of priority country | :U.S.A. | Georgia 30309 UNITED STATES OF AMERICA. |
| (86) International Application No | :PCT/US2014/037062 | (72)Name of Inventor : |
| Filing Date | :07/05/2014 | 1)METZ, Sterling |
| (87) International Publication No | :WO 2014/182763 | 2)HAMDI, Naser |
| (61) Patent of Addition to Application | :NA | 3)BLOOMQUIST, Eric |
| Number | | 4)ESTERHUIZEN, William |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |
| | | |

(57) Abstract :

Aspects and examples are disclosed for facilitating and signaling market transactions between providers of products or services and clients that consume or otherwise use the products and services. In one example, a processing device of a server system receives, via a data network, data from a computing system describing attributes of a client that uses the computing system. The processing device can verify at least some of the received data to generate a client profile for the client. Based on verifying the data in the client profile, the processing device can notify one or more providers of a product or service that the client is interested in the product or service. Notifications to providers of the product or service can maintain the anonymity of the client., Notifications to the providers can also identify a client type, the clients propensity to purchase or access certain products or services, etc.

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

(22) Date of filing of Application :23/10/2015

(21) Application No.3532/KOLNP/2015 A

(43) Publication Date : 18/03/2016

| (54) Title of the invention : FATIGUE TE | ESTING DEVICE | |
|---|--|---|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :G01N3/34 :2013-066292 :27/03/2013 :Japan :PCT/JP2014/055445 :04/03/2014 :WO 2014/156510 :NA :NA :NA :NA | (71)Name of Applicant : 1)NISSHIN STEEL CO., LTD. Address of Applicant :4-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1008366 JAPAN (72)Name of Inventor : 1)NAKAMURA, Sadayuki 2)MATSUBAYASHI, Hiroyasu 3)HIRONAKA, Akira 4)HIROTA, Ryoji |

(57) Abstract :

A fatigue testing device (1) is provided with a fixing member (4) comprising a lower jig (2) and an upper jig (3). The lower jig (2) and upper jig (3) are fixed by a bolt (5) and a plate shaped metal plate (6) is sandwiched between the lower jig (2) and upper jig (3) so as to be fixed in a cantilever state. The lower jig (2) has a fixing surface (2a) to which the metal plate (6) is fixed. The fixing surface (2a) has a curved shape such that the space between the fixing surface (2a) and the metal plate (6) increases with increasing distance from the part where the metal plate (6) is fixed to the fixing surface (2a). The upper jig (3) also has a fixing surface (3a) to which the metal plate (6) is fixed. The fixing surface (3a) has a curved shape such that the space between the fixing surface (2a). The upper jig (3) also has a fixing surface (3a) to which the metal plate (6) is fixed to the fixing surface (3a) has a curved shape such that the space between the fixing surface (3a) and the metal plate (6) is fixed to the fixing surface (3a).

No. of Pages : 19 No. of Claims : 7

(19) INDIA

(22) Date of filing of Application :23/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : THERAPEUTIC PEPTIDES

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :C07K14/575,A61K38/00,A61K38/22 :61/818,624 :02/05/2013 :U.S.A. :PCT/IB2014/061123 :30/04/2014 :WO 2014/178018 :NA :NA :NA | (71)Name of Applicant : 1)GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED Address of Applicant :980 Great West Road, Brentford Middlesex TW8 9GS UNITED KINGDOM. (72)Name of Inventor : 1)DOCK, Steven Thomas 2)CARPENTER, Andrew James 3)HUNTER, III, Robert Neil 4)WU, Yulin 5)SRIVASTAVA, Ved P. |
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|--|---|---|

(57) Abstract :

The present Invention relates to novel analogs of PYY that have an improved therapeutic profile when compared to native human PYY. These novel PYY analogs useful in the treatment of obesity, diabetes, and other disorders.

No. of Pages : 53 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION(19) INDIA

(22) Date of filing of Application :09/12/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : MACROCYCLIC UREA DERIVATIVES AS INHIBITORS OF TAFI A, THEIR PREPARATION AND THEIR USE AS PHARMACEUTICALS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition t Application Number Filing Date (62) Divisional to Application Number Filing Date | :C07D413/12,C07D273/01,A61K31/553 :13305779.4 :10/06/2013 :EPO :PCT/EP2014/061669 :05/06/2014 :WO 2014/198620 ^o :NA :NA :NA | (71)Name of Applicant : 1)SANOFI Address of Applicant :54, rue La Boétie, F-75008 Paris FRANCE (72)Name of Inventor : 1)EVERS, Andreas 2)KALLUS, Christopher 3)WAGNER, Michael 4)WEHLAN, Hermut |
|--|---|---|
|--|---|---|

(57) Abstract :

The present invention relates to macrocydic urea derivatives of the formula I (I) in which R1, R2, R3, V and Y are as defined below. The compounds of the formula I are inhibitors of the enzyme TAFIa (activated thrombin-activatable fibrinolysis inhibitor). The invention further relates to the process for the preparation of the compounds of formula I and to the use thereof as medicaments.

No. of Pages : 45 No. of Claims : 12

(19) INDIA

(22) Date of filing of Application :15/09/2014

(43) Publication Date : 18/03/2016

(54) Title of the invention : 'AN ELECTRONIC FEED CONTROL SYSTEM TO CONTROL THE AMOUNT OF SOLID FLOW OF A PROCESS PLANT BASED ON MULTIPLE OPERATING CONDITIONS'

| | | (71)Name of Applicant : |
|---|-----------|--|
| (51) International classification | :H02J5/00 | 1)BHARAT HEAVY ELECTRICALS LIMITED |
| (31) Priority Document No | :NA | Address of Applicant : REGIONAL OPERATIONS |
| (32) Priority Date | :NA | DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR, |
| (33) Name of priority country | :NA | KARUNAMOYEE, SALTLAKE CITY, KOLKATA-700091, |
| (86) International Application No | :NA | HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI |
| Filing Date | :NA | FORT, NEW DELHI - 110049, INDIA. West Bengal |
| (87) International Publication No | : NA | (72)Name of Inventor : |
| (61) Patent of Addition to Application Number | :NA | 1)KUPPURAJ SUDHARSAN |
| Filing Date | :NA | 2)KANDASAMY MURALI |
| (62) Divisional to Application Number | :NA | 3)DAVID PLAKKAL JAKOB |
| Filing Date | :NA | 4)KUPPAN PALANIVEL |
| | | 5)LAYON ANTONY EVERESTUS FERNANDEZ |

(57) Abstract :

The invention relates to a system to control the amount of solid flow into the control system of a process plant based on multiple operating conditions for trip, alarm and annunciations, comprising a single board, a master controller remote module having a plurality of inbuilt isolated channels to read the input analog and digital signals, process and control the feed rate according to a demand derived by driving the RS485 communication link between the field module; a human machine interface (HMI); and a master control system providing necessary digital and analog feedback to the users on process parameters, wherein the system includes a field module which collates all the field input analog current, and voltage signals to process the signals for digitizing according to time information, pulse information and digital data information and transferring the processed signals to a remote module controller via a redundant Modbus over RS485 link.

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

(22) Date of filing of Application :16/03/2012

(43) Publication Date : 18/03/2016

(54) Title of the invention : A PROCESS OF FORMING BRIGHT AND ADHERABLE FE-ZN ALLOY COATING ON GALVANNEALED (GA) STEEL SHEETS TO IMPROVE DEFECT COVERAGE, WELDABILITY AND FRICTIONAL PROPERTIES OF THE COATED SHEETS FOR AUTOMOBILE APPLICATIONS

| (51) International classification | :B32B0 15//00 | (71)Name of Applicant : 1)TATA STEEL LIMITED |
|---|------------------|---|
| (31) Priority Document No | :NA | Address of Applicant :RESEARCH AND DEVELOPMENT |
| (32) Priority Date | :NA | AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR- |
| (33) Name of priority country | :NA | 831001,INDIA Jharkhand |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)DEBABRATA PRADHAN |
| (87) International Publication No | : NA | 2)AKSHYA KUMAR GUIN |
| (61) Patent of Addition to Application Number | :NA | 3)MANINDRA MANNA |
| Filing Date | :NA | 4)MONOJIT DUTTA |
| (62) Divisional to Application Number | :NA | 5)T VENUGOPALAN |
| Filing Date | :NA | |

(57) Abstract :

A process of forming bright and adherable Fe-Zn alloy coating on galvannealed (GA) steel sheets to improve defect coverage, weldability and frictional properties of the coated sheets for automobile applications, the process comprising preparing a Fe-Zn alloy coating containing by weight percent Fe:10-95, and Zn:90-5; providing a galvannealed steel sheet; and electroplating the galvannealed steel sheet at current density between 200-500 A/m2 and cathode current efficiency of 85-95%, wherein the electrolytic bath chemistry for the coating, is a mixture of FeSO4, 7H2O; ZnSO4, 7H2O; Na4p2O7; complexing agents; and additives, with composition of FeSO4, 7H2O:0.05 - 2.0 by Mole/l; ZnSO4, 7H2O: 0.005 - 1.0 by Mole/l; Na4P2O7: 0.1 - 5.0 by Mole/l; Complexing agents: 0.5 - 10.0 by Mole/l; Additives: 0.005 - 1.0 by Mole/l and wherein the coating is prepared by maintaining the pH between 7.5 and 11.

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

(19) INDIA

(22) Date of filing of Application :19/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : POWER SUPPLY DEVICE, VEHICLE, AND NON-CONTACT POWER SUPPLY SYSTEM

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date | :H02J7/00,B60L11/18,B60M7/00 :2013-072256 :29/03/2013 :Japan :PCT/JP2014/058095 :24/03/2014 | (71)Name of Applicant : 1)NISSAN MOTOR CO., LTD. Address of Applicant :2, Takara-cho, Kanagawa-ku Yokohama-shi, Kanagawa 221-0023, JAPAN (72)Name of Inventor : 1)Yukinori TSUKAMOTO |
|---|--|---|
| (87) International Publication No | :WO 2014/157095 | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

The present invention is characterized by being provided with: a contactless electricity supply unit that supplies power contactlessly from an electricity transmission coil to an electricity reception coil by means of at least magnetic coupling and that charges the battery of a vehicle; a contact electricity supply unit that supplies power to the battery of the vehicle by being electrically connected via a cable to a connection terminal provided to the vehicle; and a controller that controls the contactless electricity supply unit and the contact electricity supply unit. The present invention is further characterized in that when the battery of a first vehicle is being charged by one electricity supply method among the contact electricity supply method of the contact electricity supply unit and the contact electricity supply method of the contact electricity supply unit and there is a request from a second vehicle for electricity supply by means of the other electricity supply method is put on standby.

No. of Pages : 35 No. of Claims : 3

(19) INDIA

(22) Date of filing of Application :27/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : DEVICE HAVING A FLOW CHANNEL

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date | :A61M1/06,F16K3 //00,F16K15/03 :698/13 :02/04/2013 :Switzerland | (71)Name of Applicant : 1)MEDELA HOLDING AG Address of Applicant :Lättichstrasse 4b, CH-6340 Baar SWITZERLAND (72)Name of Inventor : 1)FELBER, Armin |
|---|--|---|
| (87) International Publication No | :WO 2014/161099 | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

A device having a flow channel (K) for a fluid has a nonreturn valve (4) arranged in the flow channel (K), said nonreturn valve (4) allowing the fluid to flow through the flow channel (K) in a first direction and preventing it from flowing through the flow channel (K) in a direction counter to the first direction. The device furthermore has a flow detector (5) for detecting the flow of the fluid through the flow channel (K), wherein the flow detector (5) detects a change in the nonreturn valve (4). This detected change serves as an indicator for the fluid. The device according to the invention enables flow detection with simple means, in that a nonreturn valve that is present is used as an indicator means.

No. of Pages : 19 No. of Claims : 16

(19) INDIA

(22) Date of filing of Application :27/10/2015

(43) Publication Date : 18/03/2016

| (54) Title of the invention : MEDICAL USE OF SYNDECAN-2 | | |
|---|----------------------|---|
| | | |
| (51) International classification | :C07K14/47,A61K38/00 | (71)Name of Applicant : |
| (31) Priority Document No | :1306886.1 | 1)ORBSEN THERAPEUTICS LIMITED |
| (32) Priority Date | :16/04/2013 | Address of Applicant :Orbsen Building, University Road, |
| (33) Name of priority country | :U.K. | Galway IRELAND |
| (86) International Application No | :PCT/EP2014/057830 | (72)Name of Inventor : |
| Filing Date | :16/04/2014 | 1)ELLIMAN, Stephen Joseph |
| (87) International Publication No | :WO 2014/170411 | |
| (61) Patent of Addition to Application | :NA | |
| Number | :NA | |
| Filing Date | .NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

SDC2, compositions that comprise SDC2, vectors encoding SDC2 and compounds that modulate expression of SDC2 by cells are used for treatment of mammalian, e.g. human, cells to achieve immunomodulation or for other specific therapeutic interventions. Cells are treated by combining the cells with SDC2, treating the cells with an antibody or fragment thereof that binds SDC2 or modulating expression or activity of SDC2 by the cells. Cells or tissue are derived from treated cells for therapeutic uses based on their immunomodulatory or other therapeutic properties.

No. of Pages : 57 No. of Claims : 75

(19) INDIA

(22) Date of filing of Application :27/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : COMMUNICATIONS MANAGEMENT SYSTEM AND COMMUNICATIONS MANAGEMENT METHOD

| (51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country | :G06F13/00,H04M3/56,H04N7/15 :2013-095704 :30/04/2013 :Japan | (71)Name of Applicant : 1)RICOH COMPANY, LTD. Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 JAPAN |
|--|---|---|
| (86) International Application No Filing Date (87) International Publication No | :PCT/JP2014/062289 :28/04/2014 :WO 2014/178443 | (72)Name of Inventor : 1)KATO, Yoshinaga 2)KAJI, Katsuyuki |
| (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :NA :NA :NA :NA | |

(57) Abstract :

ABSTRACT A communications management system includes an execution image frame data management unit that manages application identification information of each application installed in a communications terminal in association with address information of execution image frame data to be displayed when the application is activated at the communications terminal. The communications management system transmits to the communications terminal the execution image frame data corresponding to the application that is activated at the communications terminal.

No. of Pages : 101 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :27/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : TARTRATE SALT OF 5-CHLORO THIOPHENE-2-CARBOXYLIC ACID [(S)-2-[METHYL-3-(2-OXO-PYRROLID-IN-1-YL)-BENZENESULFONYLAMINO]-3-(4-METHYL PIPERAZIN-1-YL)-3-OXO-PROPRYL]AMIDE

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :C07D409/12 :13305556.6 :26/04/2013 :EPO :PCT/EP2014/058513 :25/04/2014 :WO 2014/174102 :NA :NA :NA :NA | (71)Name of Applicant : 1)SANOFI Address of Applicant :54 rue La Boétie, F-75008 Paris FRANCE (72)Name of Inventor : 1)LAFFERRERE, Laurent 2)VILLION, Sébastien 3)GAUTHIER, Sandrine 4)BOURBON, André |
|--|---|--|
|--|---|--|

(57) Abstract :

The invention relates to the tartrate salt of 5-chloro-thiophene-2- carboxylic acid [(S)-2-[methyl-3-(2-oxo-pyrrolidin-l-yl)-benzenesulfonylamino]-3-(4-methyl-piperazin-l-yl)-3-oxo- propryl]amide, to its crystalline form, to its preparation and to its therapeutic use.

No. of Pages : 18 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :15/10/2015

(43) Publication Date : 18/03/2016

| (51) International classification(31) Priority Document No(32) Priority Date | :G01R31/14 :61/799,040 :15/03/2013 | (71)Name of Applicant : 1)HUBBELL INCORPORATED Address of Applicant :40 Waterview Drive, Shelton, |
|--|--|---|
| (33) Name of priority country(86) International Application No | :U.S.A. :PCT/US2014/018781 | Connecticut 06484 UNITED STATES OF AMERICA. (72) Name of Inventor : |
| Filing Date (87) International Publication No (61) Patent of Addition to Application | :26/02/2014 :WO 2014/149479 | 1)BROWER, John |
| Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(54) Title of the invention : DC HIGH POTENTIAL INSULATION BREAKDOWN TEST SYSTEM AND METHOD

(57) Abstract :

Test system and method comprise a controller, which can be microprocessor derived and include operating system for programmability, to control low voltage signals and feedback for managing the test system. High potential test system can include an amplifier comprising solid-state and/or passive components amplifying lower voltage signal to produce higher voltage output signal based on signal monitoring and control provided by controller. Controlled higher voltage output signal can be injected into high voltage multiplier circuit resulting in high DC voltage output voltage up to 50 kV or higher range. The monitoring can include feedback indicative of higher voltage signal output of amplifier and/or high DC voltage output voltage of high voltage multiplier circuit. System feedback and control can be fully automated, or selectively user-controlled via a user interface providing continuous and/or selective monitoring and display of system parameters and measured signal inputs and/or outputs.

No. of Pages : 62 No. of Claims : 35

(19) INDIA

(22) Date of filing of Application :28/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : NON-CONTACT POWER SUPPLY SYSTEM (51) International classification :H02J7/00,B60L11/18,B60M7/00 (71)Name of Applicant : 1)NISSAN MOTOR CO., LTD. (31) Priority Document No :2013-072261 (32) Priority Date :29/03/2013 Address of Applicant :2, Takara-cho, Kanagawa-ku (33) Name of priority country Yokohama-shi, Kanagawa 221-0023, JAPAN :Japan (72)Name of Inventor: (86) International Application :PCT/JP2014/058097 1)Yukinori TSUKAMOTO No :24/03/2014 Filing Date (87) International Publication :WO 2014/157096 No (61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract :

In this non-contact power supply system that, by means of at least a magnetic coupling, supplies power in a non-contact manner between a power reception coil (21) provided to a vehicle (2) and a power transmission coil (II) provided to power supply device (1): the power supply device (I) is provided with a power supply side recording means that records info1marion, a power supply side communication means that communicates with the vehicle (2), and a power supply side controller that controls the power output from a power source to the power transmission coil (11); vehicle identification information is recorded to the power supply side recording means during the power supply or during preparation for the power supply to the power reception coil (21); and the power supply to the power reception coil is stopped before the power supply to the power reception coil is ended normally.

No. of Pages : 33 No. of Claims : 5

(19) INDIA

(22) Date of filing of Application :02/11/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : ANTENNA ARRANGEMENT WITH INTERLEAVED ANTENNA ELEMENTS

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on | :H01Q 21/08 :0501723-1 :22/07/2005 :Sweden :PCT/SE2006/000904 :21/07/2006 :WO/2007/011295 :NA :NA :S001/KOLNP/2007 :24/12/2007 | (71)Name of Applicant : 1)POWERWAVE TECHNOLOGIES SWEDEN AB Address of Applicant :ANTENNVÄGEN 6, S-187 80 TÄBY SWEDEN (72)Name of Inventor : 1)LINDMARK, BJÖRN 2)UDDIN, JESPER |
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(57) Abstract :

The present invention relates to an antenna arrangement connectable to a transceiver for transmitting and receiving RF signals in at least two separate frequency bands. The antenna arrangement has at least two sets of antenna elements arranged on a reflector, and the antenna elements are arranged in an interleaved configuration along a single column. The two separate frequency bands are substantially non-overlapping but relatively close to each other, and the distance between adjacent antenna elements in said column is substantially the same along the column.

No. of Pages : 28 No. of Claims : 8

(19) INDIA

(22) Date of filing of Application :02/11/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : A METHOD FOR BRUSHING AT LEAST ONE METAL TUBOLAR MEMBER AND RELEVANT **BRUSHING DEVICE**

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date | :B24B21/02,B24B57/02 :NA :NA :NA :PCT/IB2013/000823 :02/05/2013 :WO 2014/177898 :NA :NA | (71)Name of Applicant : 1)MARTINENGHI S.r.l. Address of Applicant :Via Cassanese Nord, 35, I-20060 Albignano D'Adda (MI) ITALY (72)Name of Inventor : 1)BIANCHI, Umberto |
|---|---|--|
| Number Filing Date | | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Method for brushing at least one metal tubular member (100) comprising the step of a) abrading the outer surface of said at least one metal tubular member and simultaneously the step of b) removing the metal powders produced during said step a) of the method characterized in that said step b) comprises the step of c) delivering a flow of atomized fluid at least in correspondence to the outer surface (100a) of said at least one metal tubular member (100) in order to at least temporarily keep suspended in said flow of atomized fluid the metal powders produced during said step a) of the method.

No. of Pages : 18 No. of Claims : 17

(19) INDIA

(22) Date of filing of Application :13/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : MICROEMULSION TOPICAL DELIVERY PLATFORM

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to | :A61K9/107,A61P27/02,A61K31/122 :61/784,005 :14/03/2013 :U.S.A. :PCT/US2014/025773 :13/03/2014 :WO 2014/160079 :NA :NA | (71)Name of Applicant : EYECRO, LLC Address of Applicant :800 Research Parkway, Suite 360, Oklahoma City, OK 73104 UNITED STATES OF AMERICA. (72)Name of Inventor : WASSEL, Ronald, A. MONDALEK, Fadee, George FARJO, Rafal, A. QUIAMBAO, Alexander, B. NUNO, Didier, J. |
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| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

Provided are pharmaceutical carriers suitable based on oil-in- water microemulsions and methods of making same. Also provided are pharmaceutical compositions comprising a carrier of the invention and a lipophilic active pharmaceutical ingredient (API), as well as methods for making same. The pharmaceutical compositions are particularly suitable for use in formulating lipophilic APIs for topical administration to the eye. Specifically included are pharmaceutical compositions comprising fenofibrate or fenofibric acid as API. Also provided is a method of treating a disease of the posterior segment of the eye. Also provided is a pharmaceutical composition comprising a compound represented by (Formula I) formulated for topical administration to the eye.

No. of Pages : 80 No. of Claims : 29

(19) INDIA

(22) Date of filing of Application :13/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : METABOLITES OF N-(4-{[6, 7-BIS(METHYLOXY)QUINOLIN-4-YL]OXY}PHENYL) N'-(4-FLUOROPHENYL) CYCLOPROPANE-1, 1-DICARBOXAMIDE

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (57) Abstract | :C07D215/22,C07C305/24,C07C233/60 :61/792,413 :15/03/2013 :U.S.A. :PCT/US2014/030524 :17/03/2014 :WO 2014/145715 :NA :NA :NA | (71)Name of Applicant : 1)EXELIXIS, INC. Address of Applicant :210 East Grand Avenue, South San Francisco, CA 94080 UNITED STATES OF AMERICA. (72)Name of Inventor : 1)AFTAB, Dana, T. 2)NAGANATHAN, Sriram 3)XU, Wei 4)LACY, Steven 5)NGUYEN, Linh |
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(57) Abstract :

The invention relates to metabolites of cabozantinib (I) as well as uses thereof.

No. of Pages : 63 No. of Claims : 19

(21) Application No.3548/KOLNP/2015 A

(19) INDIA

(22) Date of filing of Application :26/10/2015

(43) Publication Date : 18/03/2016

| (54) Title of the invention : HIGHLY ACT | TIVE NANO IRON CAT | ALYST FOR THE ABSORPTION OF HYDROGEN SULFIDE |
|--|--------------------|---|
| | | |
| (51) International classification | :B01D53/52 | (71)Name of Applicant : |
| (31) Priority Document No | :13/921,600 | 1)NEW TECHNOLOGY VENTURES, INC. |
| (32) Priority Date | :19/06/2013 | Address of Applicant :7649 S.W. 34th Street, Oklahoma City, |
| (33) Name of priority country | :U.S.A. | OK 73179 UNITED STATES OF AMERICA. |
| (86) International Application No | :PCT/US2014/042849 | (72)Name of Inventor : |
| Filing Date | :18/06/2014 | 1)IRURZUN, Veronica, M. |
| (87) International Publication No | :WO 2014/205026 | 2)FARHA, Floyd, E. |
| (61) Patent of Addition to Application | :NA | |
| Number | :NA | |
| Filing Date | .1 17 1 | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The invention involves the formation of a stable iron (II) oxide and/or hydroxide. Preferably these oxides and/or hydroxides are present as nanoparticles in the 5-10 nanometer range. It has been discovered that such particles can be formed at lower cost and with fewer impurities by using ferrous carbonate (FeC03) from siderite as compared to known processes from various iron salts such as sulfates and chlorides. The novel nanoparticles are particularly adapted to removing sulfur compounds such as H2S from liquid and/or gaseous streams, such as hydrocarbon streams.

No. of Pages : 32 No. of Claims : 56

(19) INDIA

(22) Date of filing of Application :26/10/2015

(43) Publication Date : 18/03/2016

(54) Title of the invention : DISC FILTER APPARATUS AND METHOD FOR CONTROLLING A DISC FILTER

| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No | :B01D33/80,B01D33/44,B01D33/21 :NA :NA y:NA :PCT/FI2013/050426 :17/04/2013 | (71)Name of Applicant : 1)OUTOTEC (FINLAND) OY Address of Applicant :Rauhalanpuisto 9, FI-02230 Espoo FINLAND (72)Name of Inventor : 1)ILLI, Mika 2)VESALA, Antti |
|--|---|--|
| Filing Date | | 3)R–NNBLAD, Stefan |
| (87) International Publication No | ¹ :WO 2014/170533 | |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA | |
| (62) Divisional to Application Number Filing Date | :NA :NA | |

(57) Abstract :

A disc filter is provided with pressure sensors (32) arranged in the filtrate collector piping (30,31) and configured to measure the backwash pressure of a washing liquid pumped through a filtrate collector piping to the filter plates (22) in a reverse direction during a backwash zone of each rotation of the filter discs (20). The regeneration of the filter plates (22) is automatically or manually controlled or optimized based on the measured backwash pressure.

No. of Pages : 33 No. of Claims : 21

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| 8 | 271982 | 1013/DELNP/2010 | 13/08/2008 | 15/08/2007 | PROCESS FOR PROVIDING A COATING ON AN ALUMINUM SUBSTRATE | PPG INDUSTRIES OHIO, INC. | 27/08/2010 | DELHI |
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| 18 | 272048 | 10188/DELNP/2008 | 19/02/2007 | 09/12/2008 | METHOD FOR DIRECT- OXYGENATION OF ALKANE GASES | GAS TECHNOLOGIES LLC | 22/05/2009 | DELHI |
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| 8 | 271994 | 1511/CHE/2009 | 26/06/2009 12:34:45 | 30/06/2008 | EXHAUST GAS SENSOR MOUNT STRUCTURE FOR MOTORCYCLE | HONDA MOTOR CO., LTD. | 02/07/2010 | CHENNAI |
| 9 | 271997 | 3236/CHENP/2008 | 21/12/2006 | 22/12/2005 | NOVEL FORMULATIONS OF BIFENTHRIN AND ENRICHED CYPERMETHRIN | FMC CORPORATION | 06/03/2009 | CHENNAI |
| 10 | 271999 | 5617/CHENP/2009 | 02/04/2008 | 03/04/2007 | MOBILE INFORMATION TERMINAL DEVICE AND CELLULAR PHONE | SHARP KABUSHIKI KAISHA | 25/12/2009 | CHENNAI |
| 11 | 272005 | 1384/CHE/2006 | 03/08/2006 16:01:30 | 04/08/2005 | ESCALATOR | INVENTIO AG | 07/09/2007 | CHENNAI |
| 12 | 272014 | 5470/CHENP/2007 | 27/04/2006 | 29/04/2005 | METHOD AND CIRCUIT ARRANGEMENT FOR POWER MONITORING IN MULTI-CHANNEL TRANSMIT/RECEIVE ANTENNA DEVICE | KONINKLIJKE PHILIPS ELECTRONICS N. V | 28/03/2008 | CHENNAI |

| 13 | 272018 | 4167/CHENP/2007 | 07/03/2006 | 07/03/2005 | BRAKING SYSTEM FOR A LIFT TRUCK | CROWN EQUIPMENT CORPORATION | 23/11/2007 | CHENNAI |
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| 14 | 272035 | 12/CHENP/2008 | 29/06/2006 | 06/07/2005 | METHOD AND APPARATUS FOR IDENTIFYING AND TRACKING TARGET SUBSCRIBES IN A UNIVERSAL MOBILE TELEPHONE SYSTEM | LUCENT TECHNOLOGIES INC | 22/08/2008 | CHENNAI |
| 15 | 272043 | 5608/CHENP/2007 | 04/05/2007 | 13/11/2006 | SYSTEM, METHOD AND MOBILE DEVICE FOR DISPLAYING WIRELESS MODE INDICATORS | RESEARCH IN MOTION LIMITED | 27/06/2008 | CHENNAI |
| 16 | 272046 | 4605/CHENP/2007 | 16/03/2006 | 16/03/2005 | REVERSIBLE PRINTER ASSEMBLY | PANDUIT CORPORATION | 11/01/2008 | CHENNAI |
| 17 | 272047 | 1529/CHE/2009 | 29/06/2009 | | A SNAP ASSEMBLY FOR FLUSH MOUNT FIXTURES | SCHNEIDER ELECTRIC INDUSTRIES SAS | 16/03/2012 | CHENNAI |
| 18 | 272049 | 5673/CHENP/2007 | 12/06/2006 | 10/06/2005 | FORWARD ERROR- CORRECTING (FEC)CODING AND STREAMING | DIGITAL FOUNTAIN, INC. | 28/03/2008 | CHENNAI |
| 19 | 272054 | 4603/CHENP/2007 | 17/03/2006 | 17/03/2005 | A DEVICE FOR SEALING A FEEDING BOTTLE AND A BOTTLE | MENSAH-OUVOR, Messanvi, Vincent | 11/01/2008 | CHENNAI |
| 20 | 272058 | 1153/CHENP/2009 | 30/08/2007 | 01/09/2006 | METHOD FOR CONTROL AND OPTIMIZATION OF A PROCESS FOR MAKING ETHYLENE OXIDE | DOW GLOBAL TECHNOLOGIES LLC | 29/05/2009 | CHENNAI |
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| 22 | 272060 | 1504/CHENP/2008 | 18/10/2006 | 20/10/2005 | CROSS POLARIZATION INTERFERENCE CANCELING METHOD AND CROSS POLARIZATION INTERFERENCE CANCELING APPARATUS | NEC CORPORATION | 28/11/2008 | CHENNAI |
| 23 | 272061 | 913/CHE/2008 | 11/04/2008 16:06:42 | 13/04/2007 | CONSTANT CHANNEL CROSS- SECTION IN A PEMFC OUTLET | GM GLOBAL TECHNOLOGY OPERATIONS INC | 02/07/2010 | CHENNAI |
| 24 | 272063 | 6350/CHENP/2008 | 10/10/2006 | 01/06/2006 | SYSTEM FOR PREVENTING RUPTURE OF TRANSFORMER TANK | HYUNDAI HEAVY INDUSTRIES CO., LTD,. | 27/03/2009 | CHENNAI |

| 25 | 272064 | 2081/CHENP/2009 | 31/10/2007 | 01/11/2006 | METHODS AND APPARATUS FOR FACILITATING CELL ACQUISITION IN A WIRELESS COMMUNICATION SYSTEM | QUALCOMM INCORPORATED | 21/08/2009 | CHENNAI |
|----|--------|-----------------|------------------------|------------|--|---|------------|---------|
| 26 | 272074 | 931/CHE/2011 | 25/03/2011 11:53:06 | | PROTEIN BROWN BREAD AND ITS PROCESS FOR PREPARATION | DR. APPA SHARANBASWAPPA | 26/10/2012 | CHENNAI |
| 27 | 272078 | 3010/CHE/2009 | 07/12/2009 14:31:39 | | METHOD OF SYNTHESIS OF STABLE FORMS OF LOPERAMIDE N- OXIDE: (4-[4-(4- CHLOROPHENYL)-4- HYDROXYPIPERIDIN -1-YL]-N,N- DIMETHYL-2,2- DI(PHENYL)BUTANA MIDE) N-OXIDE AND STABLE LOPERAMIDE N- OXIDE MADE THEREBY | R L FINE CHEM | 10/06/2011 | CHENNAI |
| 28 | 272084 | 3836/CHENP/2006 | 09/02/2005 | 17/03/2004 | SYSTEM AND METHOD FOR REMOTE SERVICE INFORMATION | III HOLDINGS 3 ,LLC | 15/06/2007 | CHENNAI |
| 29 | 272088 | 3601/CHENP/2008 | 14/12/2005 | 14/12/2005 | METHODS AND SYSTEMS FOR DETECTING AND MITIGATING FRAUDULENT MESSAGE SERVICE MESSAGE TRAFFIC | TEKELEC GLOBAL INC | 13/03/2009 | CHENNAI |
| 30 | 272092 | 3128/CHENP/2007 | 06/12/2005 | 16/12/2004 | INFRASTRUCTURE FOR PERFORMING FILE OPERATIONS BY A DATABASE SERVER | ORACLE INTERNATIONAL CORPORATION | 07/09/2007 | CHENNAI |
| 31 | 272096 | 244/CHE/2008 | 30/01/2008 15:59:55 | | A NOVEL METHOD OF IN SITU NEAR FIELD ANTENNA PATTERN MEASUREMENT | INDIAN SPACE RESEARCH ORGANISATION | 21/03/2014 | CHENNAI |
| 32 | 272097 | 5503/CHENP/2010 | 04/02/2009 | 04/02/2008 | A METHOD OF UTILIZING RDL1 GENE TO PROMOTE SEED ENLARGEMENT AND COTTON FIBER ELONGATION | SHANGHAI INSTITUTES FOR BIOLOGICAL SCIENCES, CAS | 01/04/2011 | CHENNAI |

| 33 | 272098 | 190/CHE/2006 | 06/02/2006 | 08/02/2005 | CLUTCH MECHANISM OF HYDROSTATIC CONTINUOUSLY VARIABLE TRANSMISSION | HONDA MOTOR CO., LTD. | 22/06/2007 | CHENNAI |
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| 34 | 272099 | 2938/CHENP/2010 | 17/11/2008 | 19/11/2007 | POXVIRAL ONCOLYTIV VECTORS | TRANSGENE SA | 12/11/2010 | CHENNAI |
| 35 | 272100 | 827/CHENP/2010 | 05/06/2009 | 18/06/2008 | ELECTROMECHANIC AL TRANSDUCER DEVICE | ECS ENGINEERED CONTROL SYSTEMS AG | 13/08/2010 | CHENNAI |

| Seri al Nu mbe r | Patent Numbe r | 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 |
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| 1 | 271957 | 1264/KOLNP/2010 | 19/09/2008 | 30/10/2007 | PROCESS AND REAGENT FOR REMOVAL OF OXYGEN FROM HYDROCARBON STREAMS | NEW TECHNOLOGY VENTURES, INC. | 30/07/2010 | KOLKATA |
| 2 | 271961 | 382/KOLNP/2007 | 06/07/2004 | 06/07/2004 | A METHOD FOR A MOBILE STATION TO ROAM AMONG NETWORKS OF DIFFERENT CRITERIA | ZTE CORPORATION | 06/07/2007 | KOLKATA |
| 3 | 271965 | 589/KOL/2008 | 24/03/2008 | | A DEVICE FOR WATER- LEVEL CONTROL IN HIGH PRESSURE HEATERS OF PROCESS STEAM GENERATION PLANTS | BHARAT HEAVY ELECTRICALS LIMITED | 02/10/2009 | KOLKATA |
| 4 | 271967 | 336/KOL/2007 | 09/03/2007 | 22/03/2006 | AN IMPROVED METHOD FOR ESTIMATING A CONTROL PARAMETER OF A POWERTRAIN SYSTEM | GM GLOBAL TECHNOLOGY OPERATIONS, INC | 05/10/2007 | KOLKATA |
| 5 | 271968 | 2420/KOLNP/2007 | 22/02/2005 | 21/12/2004 | AN OPERABLE SYRINGE ASSEMBLY HAVING PASSIVE DISABLING MECHANISM | BECTON, DICKINSON AND COMPANY | 24/08/2007 | KOLKATA |
| 6 | 271969 | 536/KOL/2008 | 18/03/2008 | | AN IMPROVED WEAR PROTECTION DEVICE AND A METHOD FOR HANGER TUBES IN BUBBLING FLUIDIZED BED COMBUSTION (BFBC) BOILERS | BHARAT HEAVY ELECTRICALS LIMITED | 25/09/2009 | KOLKATA |
| 7 | 271970 | 2513/KOLNP/2009 | 10/04/2007 | 11/12/2006 | A METHOD OF DEVULCANIZING RUBBER | THE SF MATERIALS CORPORATION | 04/12/2009 | KOLKATA |
| 8 | 271971 | 3399/KOLNP/2008 | 05/09/2007 | 13/09/2006 | FABRIC SUPPORT FOR A WEAVING MACHINE | PICANOL N.V. | 13/02/2009 | KOLKATA |
| 9 | 271975 | 1393/KOLNP/2008 | 12/10/2006 | 14/10/2005 | MEDICAL ULTRASOUND SYSTEM AND HANDPIECE AND METHODS FOR MAKING AND TUNING | ETHICON ENDO- SURGERY, INC | 26/12/2008 | KOLKATA |

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| 10 | 271976 | 1227/KOL/2008 | 17/07/2008 16:13:53 | | AUTOMATED SEPARATION AND FEEDING SYSTEM FOR WAFERS OF SOLAR CELLS FOR SCREEN PRINTING MACHINE IN SOLAR CELL PRODUCTION LINE | BHARAT HEAVY ELECTRICALS LIMITED | 22/01/2010 | KOLKATA |
| 11 | 271977 | 3215/KOLNP/2008 | 28/02/2007 | 28/02/2006 | APPARATUS AND METHODS FOR IMAGING AND MODIFICATION OF BIOLOGICAL SAMPLES | PERKINELMER SINGAPORE PTE LTD. | 13/02/2009 | KOLKATA |
| 12 | 271978 | 750/KOL/2009 | 18/05/2009 15:51:32 | 31/07/2008 | SINGLE-PHASE PHASE LOCKED LOOP SUITABLE FOR USE IN A HYBRID VEHICLE CHARGING SYSTEM AND METHOD FOR CHARGING A HYBRID VEHICLE FROM A SINGLE-PHASE POWER SOURCE | GM GLOBAL TECHNOLOGY OPERATIONS, INC. | 30/04/2010 | KOLKATA |
| 13 | 271979 | 3859/KOLNP/2007 | 18/04/2006 | 25/04/2005 | SWITCH DISCONNECTOR | ABB TECHNOLOGY AG | 20/06/2008 | KOLKATA |
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| 18 | 271991 | 3684/KOLNP/2008 | 06/03/2007 | 07/03/2006 | APPARATUS AND METHOD FOR HANDLING MESSAGING SERVICE MESSAGE ADAPTATION | MOTOROLA, INC. | 20/02/2009 | KOLKATA |
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| 19 | 271996 | 1504/KOLNP/2009 | 25/10/2007 | 25/10/2006 | METHOD AND APPARATUS FOR ALLOCATING RADIO RESOURCE USING RANDOM ACCESS PROCEDURE IN A MOBILE COMMUNICATION SYSTEM | SAMSUNG ELECTRONICS CO. LTD. | 29/05/2009 | KOLKATA |
| 20 | 272001 | 2686/KOLNP/2009 | 11/02/2008 | 28/02/2007 | METHOD AND APPARATUS FOR COEXISTENCE OF DIFFERENT SYNCHRONOUS FRAME-BASED WIRELESS COMMUNICATION TECHNOLOGIES | MOTOROLA MOBILITY, INC. | 12/09/2014 | KOLKATA |
| 21 | 272004 | 4227/KOLNP/2007 | 06/07/2006 | 07/07/2005 | METHODS AND SYSTEMS FOR MANAGING SHARED TASKS | CISCO TECHNOLOGY, INC. | 28/03/2008 | KOLKATA |
| 22 | 272006 | 1786/KOL/2008 | 22/10/2008 | 28/12/2007 | A MOTORCYCLE WITH A FRONT COVER HAVING A HOLE AND A BRACKET HAVING A PORTION PASSING THROUGH THE HOLE | YAMAHA HATSUDOKI KABUSHIKI KAISHA | 03/07/2009 | KOLKATA |
| 23 | 272007 | 1933/KOL/2008 | 03/11/2008 | 04/11/2007 | METHOD FOR CONTROLLING A POWERTRAIN SYSTEM BASED ON PENALTY COSTS | GM GLOBAL TECHNOLOGY OPERATIONS, INC. | 05/06/2009 | KOLKATA |
| 24 | 272010 | 2769/KOLNP/2008 | 04/01/2007 | 06/01/2006 | POLYMETAL HYDROXYCHLORIDE PROCESSES AND COMPOSITIONS: ENHANCED EFFICACY ANTIPRERSPIRANT SALT COMPOSITION | NEXT CHEM, LLC | 23/01/2009 | KOLKATA |
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| 26 | 272013 | 1967/KOLNP/2010 | 29/10/2008 | 07/11/2007 | PROCESS FOR POLYMERISING OR OLIGOMERISING AN HYDROCARBON | SASOL TECHNOLOGY (PROPRIETARY) LIMITED | 03/09/2010 | KOLKATA |
| 27 | 272015 | 2043/KOL/2008 | 24/11/2008 17:14:36 | 28/12/2007 | STRADDLE TYPE VEHICLE | YAMAHA HATSUDOKI KABUSHIKI KAISHA | 03/07/2009 | KOLKATA |

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| 31 | 272023 | 1980/KOL/2008 | 07/11/2008 | | METHOD FOR PRODUCTING ELECTRODE WIRE FOR GAS METAL ARC WELDING | TATA STEEL LIMITED | 14/05/2010 | KOLKATA |
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| 33 | 272025 | 1501/KOL/2008 | 01/09/2008 | 13/09/2007 | AGITATING BALL MILL | NETZSCH- FEINMAHLTECHNIK GMBH | 01/05/2009 | KOLKATA |
| 34 | 272026 | 1590/KOL/2008 | 15/09/2008 | 18/09/2007 | INDUCTIVELY HEATED PARTICULATE MATTER FILTER REGENERATION CONTROL SYSTEM | GM GLOBAL TECHNOLOGY OPERATIONS, INC. | 01/05/2009 | KOLKATA |
| 35 | 272027 | 4281/KOLNP/2008 | 08/12/2006 | 24/04/2006 | MACHINE TOOL FOR PROCESSING TOOTH FORMATIONS OF WORKPIECES | FELSOMAT GMBH & CO. KG. | 06/03/2009 | KOLKATA |
| 36 | 272028 | 323/KOL/2008 | 22/02/2008 | 23/02/2007 | A CLUTCH CONTROLLER AND A METHOD FOR CONTROLLING A CLUTCH IN A STRADDLE TYPE VEHICLE TO ALLOW DESIRED TRANSMISSION OF ENGINE TORQUE | YAMAHA HATSUDOKI KABUSHIKI KAISHA | 17/04/2009 | KOLKATA |
| 37 | 272029 | 3631/KOLNP/2006 | 01/07/2005 | 03/07/2004 | HANDLE, LIFTING SPINDLE ARRANGEMENT, AND METHOD FOR THE PRODUCTION OF HANDLE | DEERE & COMPANY | 15/06/2007 | KOLKATA |
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| 38 | 272030 | 1495/KOL/2008 | 01/09/2008 | 02/11/2007 | ASSOCIATION OF TORQUE REQUESTING MODULES IN A COORDINATED TORQUE ARCHITECTURE | GM GLOBAL TECHNOLOGY OPERATIONS, INC. | 05/06/2009 | KOLKATA |
| 39 | 272031 | 836/KOL/2008 | 07/05/2008 16:06:25 | 12/06/2007 | ONBOARD FUEL INJECTOR TEST | GM GLOBAL TECHNOLOGY OPERATIONS, INC. | 24/04/2009 | KOLKATA |
| 40 | 272032 | 901/KOL/2008 | 19/05/2008 | 08/06/2007 | A MULTI-SPEED AUTOMATIC TRANSMISSION WITH DUAL AREA CLUTCH PISTON | GM GLOBAL TECHNOLOGY OPERATIONS, INC. | 24/04/2009 | KOLKATA |
| 41 | 272033 | 1295/KOL/2008 | 30/07/2008 16:27:52 | 03/08/2007 | SYNCHRONIZER ACTUATING SYSTEM WITH SELECTIVES | GM GLOBAL TECHNOLOGY OPERATIONS, INC. | 01/05/2009 | KOLKATA |
| 42 | 272034 | 40/KOL/2008 | 07/01/2008 | | A CAPSULAR BAG SUPPORTING DEVICE OR INSTRUMENT | SATISH GUPTA | 10/07/2009 | KOLKATA |
| 43 | 272036 | 1648/KOLNP/2009 | 23/10/2007 | 23/10/2006 | INTRAOCULAR LENS DELIVERY SYSTEM WITH TEMPERATURE CONTROL | ALCON, INC. | 19/06/2009 | KOLKATA |
| 44 | 272037 | 1727/KOL/2008 | 13/10/2008 | 09/11/2007 | FLUID TRANSFER TUBE | GM GLOBAL TECHNOLOGY OPERATIONS, INC. | 05/06/2009 | KOLKATA |
| 45 | 272039 | 477/KOLNP/2008 | 05/07/2006 | 07/07/2005 | TRANSMIT POWER CONTROL IN A RANDOM ACCESS SCHEME | TELEFONAKTIEBOLAGE T LM ERICSSON (PUBL) | 17/10/2008 | KOLKATA |
| 46 | 272040 | 4521/KOLNP/2009 | 11/07/2008 | 13/07/2007 | AUDIO PROCESSING USING AUDITORY SCENE ANALYSIS AND SPECTRAL SKEWNESS | DOLBY LABORATORIES LICENSING CORPORATION | 23/04/2010 | KOLKATA |
| 47 | 272041 | 843/KOLNP/2009 | 03/08/2007 | 04/08/2006 | LIVING RADICAL POLYMERIZATION OF ACTIVATED AND NONACTIVATED MONOMERS CONTAINING ELECTRON- WITHDRAWING SIDE GROUPS | THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA | 22/05/2009 | KOLKATA |
| 48 | 272042 | 784/KOL/2008 | 28/04/2008 16:51:42 | | LED BASED SOLAR STREET LIGHT | BHARAT HEAVY ELECTRICALS LIMITED | 06/11/2009 | KOLKATA |
| 49 | 272050 | 3840/KOLNP/2008 | 20/03/2007 | 29/03/2006 | PROCESSING BIOMETRIC DATA IN A MULTIDIMENSIONAL COORDINATE SYSTEM | MORPHO | 27/02/2009 | KOLKATA |
| 50 | 272055 | 4653/KOLNP/2008 | 18/05/2007 | 19/05/2006 | FAULTED CIRCUIT INDICATOR MONITORING DEVICE WITH WIRELESS MEMORY MONITOR | SCHWEITZER ENGINEERING LABORATORIES, INC. | 13/03/2009 | KOLKATA |
| 51 | 272057 | 3126/KOLNP/2009 | 14/03/2008 | 19/03/2007 | NOISE VARIANCE ESTIMATOR FOR SPEECH ENHANCEMENT | DOLBY LABORATORIES LICENSING CORPORATION | 20/08/2010 | KOLKATA |

| 52 | 272062 | 3965/KOLNP/2009 | 16/04/2008 | 17/04/2007 | METHOD AND DEVICES FOR TRANSMITTING CLIENT SIGNALS IN OPTICAL TRANSPORT NETWORK | HUAWEI TECHNOLOGIES CO., LTD. | 19/02/2010 | KOLKATA |
|----|--------|-----------------|------------|------------|--|--|------------|---------|
| 53 | 272070 | 4460/KOLNP/2008 | 01/05/2007 | 02/05/2006 | MOBILE TERMINAL AND MOBILE COMMUNICATION SYSTEM | NTT DOCOMO.INC,DOCOM O TECHNOLOGY, INC | 13/03/2009 | KOLKATA |
| 54 | 272077 | 1486/KOLNP/2009 | 19/10/2007 | 20/10/2006 | BIODIESEL SYNTHESIS | RENEWABLE HOLDINGS LIMITED | 29/05/2009 | KOLKATA |
| 55 | 272079 | 1733/KOLNP/2010 | 08/12/2008 | 20/12/2007 | COATED PIPES HAVING IMPROVED MECHNICAL PROPERTIES AND A METHOD OF PRODUCTION THEREOF | BOREALIS TECHNOLOGY OY | 27/08/2010 | KOLKATA |
| 56 | 272080 | 1790/KOLNP/2010 | 26/11/2008 | 28/11/2007 | FUSED INDANE COMPOUND | ASTELLAS PHARMA INC. | 10/09/2010 | KOLKATA |
| 57 | 272083 | 1895/KOLNP/2008 | 17/11/2006 | 17/11/2005 | PHARMACOLOGICALL Y ACTIVE COMPOUNDS CONTAINING SULFUR | JON PTY LIMITED | 09/01/2009 | KOLKATA |
| 58 | 272094 | 207/KOLNP/2008 | 24/08/2006 | 25/08/2005 | TRAFFIC TRANSMISSION PATH RELOCATION METHOD FOR RADIO COMMUNICATION SYSTEM | LG ELECTRONICS INC. | 19/09/2008 | KOLKATA |
| 59 | 272095 | 272/KOLNP/2008 | 20/07/2006 | 25/07/2005 | HARQ PROCESS RESTRICTION AND TRANSMISSION OF NON-SCHEDULED CONTROL DATA VIA UPLINK CHANNELS | PANASONIC CORPORATION | 19/09/2008 | KOLKATA |
| 60 | 272101 | 537/KOL/2005 | 21/06/2005 | | METHOD AND APPARATUS TO FACILITATE COMMUNICATIONS USING SURROGATE AND CARE-OF INTERNET PROTOCOL ADDRESSES | MOTOROLA, INC. | 09/02/2007 | KOLKATA |

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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.

THE DESIGNS ACT 2000 SECTION 30 DESIGN ASSIGNMENT

The Design stands in the name of RECKITT BENCKISER N.V. registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

| Design No. | Class | Name |
|------------|-------|----------------------|
| 208044 | 09-01 | RECKITT BENCKISER |
| 208045 | | FINISH B.V. OF |
| 208046 | | SIRIUSDREEF 14, 2132 |
| 208047 | | WT HOOFDDORP, THE |
| 208048 | | NETHERLANDS, A |
| 208049 | | DUTCH COMPANY |

THE DESIGNS ACT 2000 SECTION 30 DESIGN ASSIGNMENT

The Design stands in the name of RECKITT BENCKISER N.V. registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

| Design No. | Class | Name |
|--|-------|---|
| 209849 209850 209851 209852 209853 209853 209854 | 09-03 | RECKITT BENCKISER FINISH B.V. OF SIRIUSDREEF 14, 2132 WT HOOFDDORP, THE NETHERLANDS, A DUTCH COMPANY |
| 209855 209857 | | |

CANCELLATION PROCEEDINGS under Section 19 of the Designs Act, 2000 & <u>Designs (Amendment) Rules, 2008</u>

"The Dy. Controller of Patents & Designs passed an order on 10/03/2016 to dismiss the petition for cancellation (Petition No. Can/022/2013) filed by Jagdhir Singh, Sole proprietor of M/s. M.B. Machinery Corporation having office at Village Gill, Near Alamgir Enclave, Back Side J.K. Resorts, Raina Chowk, Ludhiana, Punjab on 07/06/2013 in respect of registered Design No. 244213 dated 29/3/2012 under class 15-02 titled as 'Lever Ring for Coupling' in the name of M.B. Exports Limited, of Adj. Kaind Canal Bridge, Village-Kaind, P.O. Ghwaddi, Near Dehlon, Ludhiana-Malerkotla Road, SR-11, Ludhiana-141206, Punjab, India, an Indian Limited Company whose Chairman is S. Baldev Singh, Indian national of above address."

"The Dy. Controller of Patents & Designs by his order dated 10/03/2016 in respect of petition for cancellation (Petition No. Can/023/2013) filed by Jagdhir Singh, Sole proprietor of M/s. M.B. Machinery Corporation having office at Village Gill, Near Alamgir Enclave, Back Side J.K. Resorts, Raina Chowk, Ludhiana, Punjab on 07/06/2013, cancelled the registration of registered Design No. 244214 dated 29/3/2012 under class 15-02 titled as 'Lever Ring for Coupling' in the name of M.B. Exports Limited, of Adj. Kaind Canal Bridge, Village-Kaind, P.O. Ghwaddi, Near Dehlon, Ludhiana-Malerkotla Road, SH-11, Ludhiana-141206, Punjab, India, an Indian Limited Company whose Chairman is S. Baldev Singh, Indian national of above address."

"The Dy. Controller of Patents & Designs by his order dated 10/03/2016 in respect of petition for cancellation (Petition No. Can/024/2013) filed by Jagdhir Singh, Sole proprietor of M/s. M.B. Machinery Corporation having office at Village Gill, Near Alamgir Enclave, Back Side J.K. Resorts, Raina Chowk, Ludhiana, Punjab on 07/06/2013, cancelled the registration of registered Design No. 244215 dated 29/3/2012 under class 15-02 titled as 'Coupling with Lever Closer' in the name of M.B. Exports Limited, of Adj. Kaind Canal Bridge, Village-Kaind, P.O. Ghwaddi, Near Dehlon, Ludhiana-Malerkotla Road, SH-11, Ludhiana-141206, Punjab, India, an Indian Limited Company whose Chairman is S. Baldev Singh, Indian national of above address."

"The Dy. Controller of Patents & Designs by his order dated 10/03/2016 in respect of petition for cancellation (Petition No. Can/025/2013) filed by Jagdhir Singh, Sole proprietor of M/s. M.B. Machinery Corporation having office at Village Gill, Near Alamgir Enclave, Back Side J.K. Resorts, Raina Chowk, Ludhiana, Punjab on 07/06/2013, cancelled the registration of registered Design No. 244439 dated 3/4/2012 under class 15-02 titled as 'Metal Ring for Coupling' in the name of M.B. Exports Limited, of Adj. Kaind Canal Bridge, Village-Kaind, P.O. Ghwaddi, Near Dehlon, Ludhiana-Malerkotla Road, SH-11, Ludhiana-141206, Punjab, India, an Indian Limited Company whose Chairman is S. Baldev Singh, Indian national of above address."

"The Dy. Controller of Patents & Designs passed an order on 10/03/2016 to dismiss the petition for cancellation (Petition No. Can/026/2013) filed by Jagdhir Singh, Sole proprietor of M/s. M.B. Machinery Corporation having office at Village Gill, Near Alamgir Enclave, Back Side J.K. Resorts, Raina Chowk, Ludhiana, Punjab on 07/06/2013 in respect of registered Design No. 244587 dated 12/4/2012 under class 15-02 titled as 'Coupling for supply of liquid substance' in the name of M.B. Exports Limited, of Adj. Kaind Canal Bridge, Village-Kaind, P.O. Ghwaddi, Near Dehlon, Ludhiana-Malerkotla Road, SH-11, Ludhiana-141206, Punjab, India, an Indian Limited Company whose Chairman is S. Baldev Singh, Indian national of above address."

"The Dy. Controller of Patents & Designs passed an order on 10/03/2016 to dismiss the petition for cancellation (Petition No. Can/027/2013) filed by Jagdhir Singh, Sole proprietor of M/s. M.B. Machinery Corporation having office at Village Gill, Near Alamgir Enclave, Back Side J.K. Resorts, Raina Chowk, Ludhiana, Punjab on 07/06/2013 in respect of registered Design No. 244588 dated 12/4/2012 under class 15-02 titled as 'Coupling for supply of liquid substances' in the name of M.B. Exports Limited, of Adj. Kaind Canal Bridge, Village-Kaind, P.O. Ghwaddi, Near Dehlon, Ludhiana-Malerkotla Road, SH-11, Ludhiana-141206, Punjab, India, an Indian Limited Company whose Chairman is S. Baldev Singh, Indian national of above address."

CANCELLATION PROCEEDINGS under Section 19 of the Designs Act, 2000 & <u>under Rule 29(1) Designs (Amendment) Rules, 2008</u>

"Compact Wellness Solutions, a Partnership Firm at A-811, Titanium City Centre, 100 Feet Road, Satellite, Ahmedabad 380015, Gujarat filed a petition (Petition No. Can/017/2016) on 03/03/2016 for cancellation of registration of registered Design No. 259801 dated 29/01/2014 under class 09-03 titled as 'Container' in the name of Paris Perfumes & Cosmetics Pvt. Ltd., an Indian national company incorporated under the Companies Act 1956 Baroda-Jambusar N.H. Way Road, At & PO. Dabhasa, TA. Padra – 391440, Dist. Baroda (Gujarat), India."

"Compact Wellness Solutions, a Partnership Firm at A-811, Titanium City Centre, 100 Feet Road, Satellite, Ahmedabad 380015, Gujarat filed a petition (Petition No. Can/018/2016) on 03/03/2016 for cancellation of registration of registered Design No. 260430 dated 18/02/2014 under class 09-03 titled as 'Container' in the name of Paris Perfumes & Cosmetics Pvt. Ltd., an Indian national company incorporated under the Companies Act 1956 Baroda-Jambusar N.H. Way Road, AT & PO. Dabhasa, TA. Padra – 391440, Dist. Baroda (Gujarat), India."

"Compact Wellness Solutions, a Partnership Firm at A-811, Titanium City Centre, 100 Feet Road, Satellite, Ahmedabad 380015, Gujarat filed a petition (Petition No. Can/019/2016) on 03/03/2016 for cancellation of registration of registered Design No. 264545 dated 05/08/2014 under class 09-01 titled as 'Container' in the name of Paris Perfumes & Cosmetics Pvt. Ltd., an Indian national company incorporated under the Companies Act 1956 Baroda-Jambusar N.H. Way Road, AT & PO. Dabhasa, TA. Padra – 391440, Dist. Baroda (Gujarat), India."

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| SL NO | REGISTERED DESIGN NUMBERS | RENEWED ON |
|-------|---------------------------|------------|
| 1. | 195342 | 04.02.2016 |
| 2. | 197048 | 08.01.2016 |
| 3. | 199508 | 17.02.2016 |
| 4. | 200572 | 27.01.2016 |
| 5. | 220477 | 04.02.2016 |
| 6. | 227961 | 03.11.2015 |
| 7. | 244529 | 04.02.2016 |
| 8. | 246380 | 18.02.2016 |
| 9. | 255611 | 03.02.2016 |
| 10. | 266822 | 18.02.2016 |

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 | | 276794 | |
|--|---|---------------------------------|--|
| CLASS | | 12-16 | |
| 1)TOYOTA JIDOSHA KABUSH ORGANIZED AND EXISTING UN 1, TOYOTA-CHO, TOYOTA-SH MANUFACTURERS & MERCHAN | DER THE LAW II, AICHI-KEN, 47 | S OF JAPAN OF | LESS A |
| DATE OF REGISTRATION | | 20/10/2015 | |
| TITLE | FRONT BU | MPER FOR AN AUTOMOBILE | |
| PRIORITY | I | | 1000 - 100 - |
| PRIORITY NUMBER | DATE | COUNTRY | |
| A2015/00694 | 23/04/2015 | SOUTH AFRICA | |
| DESIGN NUMBER | | 271995 | |
| CLASS | | 02-02 | |
| INDIAN COMPANIES ACT, 1956 9, 10, 11, KIZHAKAL THOTTA MANNARAI (PO), TIRUPUR 64160 | M, SAKTHI NAG | AR, KARUMARAPALAYAM, , INDIA | |
| DATE OF REGISTRATION | | 07/05/2015 | |
| TITLE | | VEST | |
| PRIORITY NA | | | |
| DESIGN NUMBER | | 272931 | |
| CLASS | | 13-03 | |
| 1)ACCORD POWER CONVERS COMPANIES ACT, 1956) HAVIN PLOT NO: C-12/1, 2ND FLOOR HYDERABAD-500062 (TS), INDIA | G OFFICE AT ELECTRONIC C | | |
| DATE OF REGISTRATION | | 22/06/2015 | |
| TITLE | | ADAPTOR | |
| PRIORITY NA | | | |

| DESIGN NUMBER | | 272581 | |
|---|-------------------|---------------------|---|
| CLASS | | 09-01 | |
| 1)MR. L. CHANDRA PRABU, M/S. NO: 3/780-1 NADU SALAI, MANO KUMBAKONAM-612702, TAMILNAJ | GUDI VILLAGE, VAL | AYAPETTAI, | |
| DATE OF REGISTRATION | 05 | 5/06/2015 | |
| TITLE | Е | BOTTLE | |
| PRIORITY NA | | | |
| DESIGN NUMBER | 227' | 767 | |
| CLASS | 06- | 08 | |
| 1)JARAN FABRICATORS, 4, CROSS-LAND, FLOWER ENCL | AVE, LUDHIANA-14 | 1013 (PUNJAB) INDIA | |
| DATE OF REGISTRATION | 11/03/ | /2010 | |
| TITLE | CLOTH- | STAND | |
| PRIORITY NA | | | 1 |
| DESIGN NUMBER | | 273355 | |
| CLASS | | 14-03 | |
| 1)BLACKBERRY LIMITED, A COMPANY ORGANIZED UND ONTARIO, CANADA OF 2200 UNIVE ONTARIO, N2K 0A7, CANADA | | | |
| DATE OF REGISTRATION | 03 | 3/07/2015 | |
| TITLE | MOB | SILE PHONE | |
| PRIORITY | | | |
| PRIORITY NUMBER | DATE COUNTRY | | |
| 29/513,720 | 05/01/2015 | U.S.A. | |
| | | | |

| DESIGN NUMBER | | 277078 | |
|--|---------------------|----------------|--|
| CLASS | | 12-16 | |
| 1)AUDI AG, A JOINT STOCK CO LAW OF AUTO-UNION-STR. 1, D-8504 | | | |
| DATE OF REGISTRATION | 30 | 0/10/2015 | |
| TITLE | WHEEL RI | M FOR VEHICLES | |
| PRIORITY | | | |
| PRIORITY NUMBER | DATE | COUNTRY | |
| 002696336-0002 | 07/05/2015 | OHIM | |
| DESIGN NUMBER | | 269867 | |
| CLASS | | 12-15 | 1000 - 1000 m |
| AND MICHELIN RECHERCHE ET TEC LOUIS- BRAILLE 10, CH-1763 GRAN | | | |
| DATE OF REGISTRATION | | 6/02/2015 | |
| TITLE PRIORITY | | RE TREAD | |
| PRIORITY NUMBER | DATE | COUNTRY | |
| 29/501,448 | 04/09/2014 | U.S.A. | A Contraction |
| DESIGN NUMBER | | 277128 | |
| CLASS | | 05-05 | |
| 1)SIDDHI VINAYAK KNOTS & P UNDER THE PROVISION OF COM REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PA | IPANIES ACT, 1956 H | HAVING ITS | |
| DATE OF REGISTRATION | 30 | 0/10/2015 | |
| TITLE | TEXT | TILE FABRIC | 10 1 10 10 10 10 10 10 10 10 10 10 10 10 |
| PRIORITY NA | | | |

| DESIGN NUMBER | 277264 | |
|---|---|----------|
| CLASS | 08-06 | |
| NATIONAL., HAVING IT AT, ''KRISHNA'', NR. AR | AYALJIBHAI PATEL., AN INDIA S PRINCIPAL PLACE OF BUSIN YA DAIRY FARM, LEUVA PATEL , MAVDI PLOT, RAJKOT, GUJARA | ESS |
| DATE OF REGISTRATION | 03/11/2015 | |
| TITLE | HANDLE | |
| PRIORITY NA | | |
| DESIGN NUMBER | 276608 | |
| CLASS | 06-11 | |
| 1) SH. JAGMOHAN SH A HOUSE NO. 49, VIVEK INDIAN. | ARMA, KANAND PURI, SARAI ROHILLA, I | DELHI-7, |
| DATE OF REGISTRATIO | DN 13/10/2015 | |
| TITLE | DOORMAT | |
| PRIORITY NA | | |
| DESIGN NUMBER | 248077 | |
| CLASS | 07-99 | |
| PARTNERS OF GANGA PARTNERSHIP FIRM, W | NT, DELHI ROAD, VILLAGE | |
| PRIORITY NA | 5 | |

| DESIGN NUMBER | | 271558 | | | | |
|---|---------|----------------|---------|---------|----------|----------|
| CLASS | | 07-02 | | | | |
| 1)DART INDUSTRIES INC. A COMPANY INCORPORATED UNDER THE LAWS OF THE U.S.A. HAVING ITS REGISTERED OFFICE AT 14901 S. ORANGE BLOSSOM TRAIL ORLANDO, FLORIDA 32837, U.S.A. | | | | | | |
| DATE OF REGISTRATION | | 21/04/2015 | | | | |
| TITLE | LID FOR | A FOOD CON | TAINER | | | |
| PRIORITY | | | | | | |
| PRIORITY NUMBER | DATE | COU | NTRY | | | |
| 29/507,386 | 27/10/ | 2014 U.S.A | 4. | | | |
| DESIGN NUMBER | | | 277 | 445 | | |
| CLASS | | | 28 | -02 | | |
| 1)UNILEVER PLC, A COMPANY REGISTERED IN ENGINATIONUNDER COMPANY NO. 41424 OF UNILEVER HOUSE, 100 VICTORIA EMBANKMENT, LON UNITED KINGDOMDATE OF REGISTRATION10/1 | | | - | NDON, E | C4Y 0DY, | E C |
| TITLE | | | | BAR | | Sector C |
| PRIORITY | | | | | | |
| PRIORITY NUMBER | | DATE | | COUI | NTRY | |
| 002699025 | | 12/05/20 | 015 | OHIM | 1 | |
| DESIGN NUMBER | | 2728 | 343 | | | |
| CLASS | | 22-0 |)6 | | | |
| 1)RECKITT BENCKISER (BRANDS) LIMITED, A BRITIS COMPANY OF 103-105 BATH ROAD, SLOUGH BERKSHIRE, SL1 3UH, U KINGDOM | | | | | | |
| DATE OF REGISTRATION | | 18/06/2015 | | | | A KOJA |
| TITLE | | MOUSE BAIT BOX | | | | |
| PRIORITY | | | | | | 14 |
| PRIORITY NUMBER | D | АТЕ | COUNTRY | 7 | | 121 |
| 002608752-0001 | 06 | /01/2015 | OHIM | | | |

| DESIGN NUMBER | | 276791 | | | | |
|--|---|--|-------------------------------|-----------|----|--|
| CLASS | | 26-06 | | | | |
| 1)TOYOTA JIDOSHA CORPORATION DULY UNDER THE LAWS OF 1, TOYOTA-CHO, TO JAPAN, MANUFACTUR | Y ORGANI F JAPAN O OYOTA-SH | ZED AND EXIS DF II, AICHI-KEN, 4 | STING | | | (-) |
| DATE OF REGISTRATION | 20/10/2015 | | | l) | | |
| TITLE | | REAR COMBINATION LAMP FOR AN AUTOMOBILE | | | | |
| PRIORITY | | | | | | P - |
| PRIORITY NUMBER | DATE | COUNTRY | | | | 1 A |
| A2015/00690 | 23/04/201 | 15 SOUTH AF | FRICA | | | AF IN |
| | | | | | | |
| DESIGN NUMBER | | 271 | 964 | | | |
| CLASS | | 26- | -03 | | | |
| 1)KONINKLIJKE PH EXISTING UNDER TH NETHERLANDS, RESI EINDHOVEN, WHO CAMPUS 5, 5656 AE EII DATE OF | E LAWS O DING AT SE POST-O | F THE KINGD | OM OF TH SS IS HIGH | Æ | N. | |
| REGISTRATION | | 06/05/ | | | | - Maria - Contraction - Contractio - Contraction - Contraction - Contraction - Contraction - Contrac |
| TITLE | | LED LUN | /INAIRE | | | |
| PRIORITY PRIORITY NUMBER | T | DATE | COUNT |) V | | A STO |
| 29/508460 | | 06/11/2014 | U.S.A. | | | |
| | | 00/11/2014 | | | | 1 |
| DESIGN NUMBER | | | 277094 | | | |
| CLASS | | | 12-16 | | | |
| 1)RAGHAV CHAUDH SIND ENGINEERING B-29-536/35-E9, SUA 'C', LUDHIANA-141014 ABOVE ADDRESS | WORKS OF ROAD, DH | F IANDARI KAL | AN, INDUS | STRIAL AR | | |
| DATE OF REGISTRAT | TION | | 30/10/2015 | | | |
| TITLE | | BIC | YCLE PED | AL | | |
| PRIORITY NA | | | | | | |

| DESIGN NUMBER | 277214 | |
|--|--|----|
| CLASS | 23-04 | |
| INCORPORATED UNDER THE CO REGISTERED ADDRESS AT | TE LIMITED, AN INDIAN COMPANY MPANIES ACT OF 1956, HAVING ITS NT, NEW LINK ROAD, OPPOSITE SYMPHONY BAI-400067, INDIA | |
| DATE OF REGISTRATION | 03/11/2015 | |
| TITLE | AIR COOLER | |
| PRIORITY NA | | |
| DESIGN NUMBER | 277353 | |
| CLASS | 28-03 | 20 |
| THE PARTNERS ARE ADULT & IN RANPARA INDUSTRIES (INDIAN I BUSINESS AT- PANCHASAR ROAD, B/H. GEET. GUJARAT (INDIA) DATE OF REGISTRATION TITLE PRIORITY NA | VANGBHAI MANOJKUMAR RANPARA (ALL IDIAN NATIONALS) PARTNERS OF NEW PARTNERSHIP FIRM) HAVING PLACE OF A OIL MILL, MORBI-363641 DISTRICT-RAJKOT- 06/11/2015 TONGUE CLEANER | |
| DESIGN NUMBER | 277471 | |
| CLASS | 09-01 | |
| M/S. BEAUTY WORLD, HAVING O | CHAMPALAL, PROPRIETOR TRADING AS OFFICE AT ENNAI-600003, TAMIL NADU, INDIAN 12/11/2015 BOTTLE FOR COSMETICS | |

| DESIGN NUMBER | | 264591 | |
|--|----------|--|--------------|
| CLASS | | 12-16 | |
| | NA NAGAR | N INDIVIDUAL WHOSE ADDR , TARDAL, ICHALKARANJI-416 RASHTRA, INDIA | |
| DATE OF REGISTRATION | | 08/08/2014 | |
| TITLE | POL | LUTION CONTROL MILEAGE BO USED IN VEHICLES | DOSTER |
| PRIORITY NA | | | |
| DESIGN NUMBER | | 272046 | |
| CLASS | | 06-01 | Y |
| 1) CHITKARA UNIVERSITY, CHANDIGARH-PATIALA NATI DISTRICT-PATIALA, PUNJAB, 1 | | HWAY (NH-4), TEHSIL –RAJPUR | A, 6 |
| DATE OF REGISTRATION | | 11/05/2015 | F I |
| TITLE | | SOLAR LOUNGE | |
| PRIORITY NA | | | |
| DESIGN NUMBER | | 272220 | |
| CLASS | | 14-03 | 51 |
| 1)SAMSUNG ELECTRONICS OF 129, SAMSUNG-RO, YEC 443-742M REPUBLIC OF KORE | NGTONG-0 | , A KOREAN COMPANY, GU, SUWON-SI, GYEONGGI-DO, | |
| DATE OF REGISTRATION | | 19/05/2015 | 16° ° 00]] |
| TITLE | | TELEPHONE | 16 3 . B |
| PRIORITY | | | |
| PRIORITY NUMBER DA | ATE | COUNTRY | 1 5-000 |
| 30-2014-0063185 24 | /12/2014 | REPUBLIC OF KOREA | |
| | | | Alle Car |

| DESIGN NUMBER | | | |
|---|--|---|------|
| | | 271785 | |
| CLASS | | 15-04 | RA . |
| 1)CATERPILLAR INC. 100 NE ADAMS STREET, PEO | | | |
| DATE OF REGISTRATION | | 28/04/2015 | |
| TITLE | HEEL | SHROUD BASE | |
| PRIORITY PRIORITY NUMBER 29/508,614 | DATE 07/11/2014 | COUNTRY U.S.A. | |
| DESIGN NUMBER | | 277467 | |
| CLASS | | 28-03 | |
| 1) THE GILLETTE COMPANY OF ONE GILLETTE PARK, BO | | | |
| DATE OF REGISTRATION | | 12/11/2015 | |
| TITLE | RAZO | OR CARTRIDGE | |
| PRIORITY NA | | | |
| | 272 | 776 | |
| | 272' | | |
| DESIGN NUMBER | 13- AD, BUILDING 10, SUIT | 03 TE P, SPOKANE | |
| DESIGN NUMBER CLASS 1)RANDL INDUSTRIES, INC., 3808 NORTH SULLIVAN ROA VALLEY, WASHINGTON 99216 | 13- AD, BUILDING 10, SUIT | 03 TE P, SPOKANE U.S.A. | |
| 1) RANDL INDUSTRIES, INC., 3808 NORTH SULLIVAN ROA | 13- AD, BUILDING 10, SUIT U.S.A., NATIONALITY: | 03 TE P, SPOKANE U.S.A. /2015 | |
| DESIGN NUMBER CLASS 1)RANDL INDUSTRIES, INC., 3808 NORTH SULLIVAN ROA VALLEY, WASHINGTON 99216 DATE OF REGISTRATION TITLE PRIORITY | 13- AD, BUILDING 10, SUIT U.S.A., NATIONALITY: 16/06/ CABLE JUNG | 03 TE P, SPOKANE U.S.A. /2015 CTION BOX | |
| DESIGN NUMBER CLASS 1)RANDL INDUSTRIES, INC., 3808 NORTH SULLIVAN ROA VALLEY, WASHINGTON 99216 DATE OF REGISTRATION TITLE | 13- AD, BUILDING 10, SUIT U.S.A., NATIONALITY: 16/06/ | 03 TE P, SPOKANE U.S.A. /2015 | |

| DESIGN NUMBER | | 273086 | | | | | | | | | |
|--|--|--|-----------------------------|-----------------|-----------|---|-----|------|-----|------------|---|
| CLASS | | 07-02 | | | | | | | | | |
| 1)HAMILTON HOUSEWARE INDIA PVT. LTD. A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956, AND HAVING THEIR ADDRESS AT KAISE-I-HIND BUILDING, 3RD FLOOR, 4TH FLOOR, ASIAN BUILDING, R. KAMANI MARG, CURRIMBHOY RD, BALLARD ESTATE, FORT, MUMBAI, MAHARASHTRA 400001, INDIA | | | (6) | | | | | | (a) | | |
| DATE OF REGISTRATION | | 25/06/2015 | | | | | + | | | | |
| TITLE | Т | THERMO INSU CASSERO | | | | | (b) | | | | |
| PRIORITY NA | | | | | | | | | | | |
| DESIGN NUMBER | | | 273657 | | | | | | | | |
| CLASS | | | 12-11 | | | | | | | | |
| INCORPORATED UNI ITS PRINCIPAL PLAC NEW 2ND & 3RD FI ANNASALAI, CHENNA AND REGISTERED OFF MAHARASHTRA, INDI DATE OF REGISTRAT | E OF B LOOR, K AI - 6000 FICE AT (A | USINESS AT (HIVRAJ BUIL) 06, STATE OF | DING, NO. 610 TAMIL NADU | 5, J, INDIA, | | | | | | | |
| | | | LAMP COVER | FOR | _ | | | | | 4 | |
| TITLE | | | OTORCYCLE | | | | | | | | |
| PRIORITY NA | | | | | | | | | | | |
| DESIGN NUMBER | | 27 | 1564 | | | | | | | | |
| CLASS | | 07 | 7-02 | | | | | | | | |
| 1)DART INDUSTRIE UNDER THE LAWS OF REGISTERED OFFICE AT 14901 S. ORANG FLORIDA 32837, U.S.A. | F THE U E BE BLOS | J.S.A. HAVINO | G ITS | FED | | | | / | / | | |
| DATE OF REGISTRATION | | 21/04/2015 | | | | / | / | / | _ | | |
| TITLE | | FOOD CONTAINER | | | / | / | 1 | / | - | ~ > | 6 |
| PRIORITY | | | | | \langle | / | | | | \nearrow | |
| PRIORITY NUMBER | | DATE | COUNTRY | 7 | 1 | | | 1 | | / | |
| 29/507,385 | | 27/10/2014 | U.S.A. | | 1 | | - | - DE | / | | |
| | | | | | | | | / | - | | |

| DESIGN NUMBER | | 272385 | |
|---|---|--|-----------------|
| CLASS | | 13-03 | |
| 1) M & I MATERIALS LIMITED, ORGANIZED AND EXISTING IN U OFFICE AT HIBERNIA WAY, TRAFFORD P. KINGDOM | UNITED KINGDOM | HAVING REGISTER | ED |
| DATE OF REGISTRATION | 27 | //05/2015 | a second second |
| TITLE | VA | ARISTOR | E Provinsion |
| PRIORITY | | | Etat |
| PRIORITY NUMBER | DATE | COUNTRY | Ø |
| 2706051 | 22/05/2015 | OHIM | |
| DESIGN NUMBER | | 273761 | |
| CLASS | | 24-02 | |
| KULHARIA, RESIDING AT 1/1, AB, PUMP, RANJITSAGAR ROAD, JAM DATE OF REGISTRATION TITLE PRIORITY NA | NAGAR, INDIAN NA | | |
| DESIGN NUMBER | | 273549 | |
| CLASS | | 15-05 | |
| 1)KONINKLIJKE PHILIPS N.V., UNDER THE LAWS OF THE KING RESIDING AT EINDHOVEN, WI CAMPUS 5, 5656 AE EINDHOVEN, | G DOM OF THE NET HOSE POST-OFFICE | HERLANDS, ADDRESS IS HIGH TE | |
| DATE OF REGISTRATION | 1 | 4/07/2015 | DA HOR |
| | VACUUM CLEANER | | |
| TITLE | VACU | UM CLEANER | Dall |
| TITLE PRIORITY | VACU | UM CLEANER | |
| | DATE | COUNTRY | |

| DESIGN NUMBER | | | 27718 | 30 | | |
|--|---|--|-------------------|-----------|-------|---|
| CLASS | | | 23-0 | 4 | | |
| 1)LG ELECTRONICS INC. 128, YEOUI-DAERO, YEONGDEUNGPO - GU, SEOUL 150 - 721, REPUBLIC OF KOREA A CORPORATION INCORPORATED UNDER THE LAWS OF THE REPUBLIC OF KOREA | | | | | | |
| DATE OF REGISTRATION | | | 02/11/2 | | | |
| TITLE | | AIR PURIFI | ER WIT | 'H HUMIDI | IFIER | A A |
| PRIORITY NA | | | | | | |
| DESIGN NUMBER | | | 27294 | 43 | | |
| CLASS | | | 09-0 | 5 | | |
| 1)RECKITT BENCKISER (E 103-105 BATH ROAD, SLO | | | | | | |
| DATE OF REGISTRATION | | | 22/06/2 | 015 | | |
| TITLE | | BLIS | STER PA | ACKAGE | | |
| PRIORITY | | | | |] | |
| PRIORITY NUMBER | | DATE | | COUNTRY | | |
| 002605402-0006 | | 23/12/2014 | | OHIM | | |
| DESIGN NUMBER | | 273637 | | | | |
| CLASS | | 12-11 | | | | |
| 1)BAJAJ AUTO LIMITED, A INCORPORATED UNDER TH ITS PRINCIPAL PLACE OF H NEW 2ND & 3RD FLOOR, I ANNASALAI, CHENNAI - 6000 AND REGISTERED OFFICE A MAHARASHTRA, INDIA | IE COMI BUSINES KHIVRAJ 006, STAT | PANIES ACT OF S AT I BUILDING, NO. FE OF TAMIL NA | . 616, Adu, in | IDIA, | | |
| DATE OF REGISTRATION | | 17/07/201 | 15 | | | |
| TITLE | C | ARBURETOR CO MOTORCY | | ÖR | | and the second se |
| PRIORITY NA | | | | | | |

| DESIGN NUMBER | | | 273321 | | | |
|--|--|---|---|----------|---------|--|
| CLASS | | | 08-06 | | | |
| 1)RAHULBHAI G. SANKH PRINCIPAL PLACE OF BU AJI VASAHAT, RAMNAG | SINESS A | АT | | | | |
| DATE OF REGISTRATION | | (| 02/07/2015 | | | |
| TITLE | | | HANDLE | | | |
| PRIORITY NA | | | | | | |
| DESIGN NUMBER | | | 277082 | | | |
| CLASS | | | 12-16 | | | |
| 1)AUDI AG, A JOINT STO LAW OF AUTO-UNION-STR. 1 | | INGOLSTADT, GE | RMANY | R GERMAN | | |
| DATE OF REGISTRATION | | | 30/10/2015 | | | |
| TITLE | | WHEEL R | IM FOR VE | HICLES | | |
| PRIORITY | | | | | | |
| PRIORITY NUMBER | | DATE | COU | NTRY | | |
| 002696336-0006 | | 07/05/2015 | OHIN | 1 | | |
| | | | | | | |
| DESIGN NUMBER | | 272066 | | | | |
| CLASS | | 15-09 | | | | |
| 1)S. C. NEW ENERGY TEC LIMITED LIABILITY COM LAWS OF CHINA, FLOOR 1, 2, 4, 5, BUILDI YONGXIN INDUSTRIAL PA STREET, LONGGANG DISTI PROVINCE, 518115, CHINA DATE OF REGISTRATION | I PANY IN NG D AN RK, #89 F | NCORPORATED U D FLOOR 1, 2, BUII HENGPING ROAD, I | NDER THE LDING E, HENGGANG | | | |
| TITLE | | DIFFUSION FURN | ACE | V.L. | for the | |
| PRIORITY NA | | | | | | |
| | | | | | | |

| DESIGN NUMBER | 277132 | |
|--|---|--|
| CLASS | 05-05 | |
| UNDER THE PROVISION OF CO REGISTERED OFFICE AT | PRINTS PVT. LTD. A COMPANY REGISTERED OMPANIES ACT, 1956 HAVING ITS PANDESARA, SURAT-394221 GUJARAT | |
| DATE OF REGISTRATION | 30/10/2015 | All All |
| TITLE | TEXTILE FABRIC | |
| PRIORITY NA | | |
| DESIGN NUMBER | 277429 | |
| CLASS | 06-01 | |
| (UNION TERRITORIES), INDIA, I | GAM, NANI DAMAN, DAMAN-396210, NDIAN PARTNERSHIP FIRM, WHOSE DEV & MANASI SACHDEV, ALL INDIAN | |
| DATE OF REGISTRATION | 10/11/2015 | |
| TITLE | STOOL | Constanting of the second seco |
| PRIORITY NA | | |
| DESIGN NUMBER | 272910 | |
| CLASS | 11-02 | |
| 1)MA DESIGN INDIA PRIVAT INDIA HAVING ITS PRINCIPAL A-41, SECTOR-80, PHASE-II, N | | And Base |
| DATE OF REGISTRATION | 22/06/2015 | 23139 |
| TITLE | WALL ORNAMENT | Part a Se |
| PRIORITY NA | | HAM UKARAK JANAK MILE OF LIFE FRANE OKNAMENT |

| DESIGN NUMBER | 264678 | |
|--|---|---------|
| CLASS | 15-07 | |
| 1) LG ELECTRONICS INC. OI 20, YEOUIDO-DONG, YEON REPUBLIC OF KOREA | F GDEUNGPO-GU, SEOUL 150- 721, | |
| DATE OF REGISTRATION | 11/08/2014 | |
| TITLE | ICE TRAY ASSEMBLY | |
| PRIORITY NA | | |
| DESIGN NUMBER | 227551 | |
| CLASS | 26-03 | 1 1 |
| 1) MIC ELECTRONICS LIMIT A-4/II, ELECTRONIC COMPI ANDHRA PRADESH, INDIA | T ED, LEX, KUSHAIGUDA, HYDERABAD-500062 | |
| DATE OF REGISTRATION | 26/02/2010 | |
| TITLE | CASING FOR STREET LIGHT | 625255. |
| PRIORITY NA | | |
| DESIGN NUMBER | 276189 | |
| CLASS | 09-03 | |
| INDIA, AN INDIAN PROPRIETO | AREA, PHASE-IX, MOHALI-160059 (PUNJAB) RSHIP FIRM WHOSE PROPRIETOR IS:- URMIL ATIONALS OF THE ABOVE ADDRESS | |
| DATE OF REGISTRATION | 01/10/2015 | |
| TITLE | BOX | |
| PRIORITY NA | | |

| DESIGN NUMBER | | 277126 | | |
|---|--------------------|--|--------|---|
| CLASS | | 05-05 | | OX. AN |
| UNDER THE PROVISION REGISTERED OFFICE AT | OF COM | RINTS PVT. LTD. A COMPAN PANIES ACT, 1956 HAVING NDESARA, SURAT-394221 G | ITS | |
| DATE OF REGISTRATIO | N | 30/10/2015 | | 98 <u>9</u> 9 |
| TITLE | | TEXTILE FAB | RIC | |
| PRIORITY NA | | | | |
| DESIGN NUMBER | | 277262 | | |
| CLASS | | 08-06 | |] |
| HAVING ITS PRINCIPAL | PLACE C DAIRY F | FARM, LEUVA PATEL BOARD | | |
| DATE OF REGISTRATIO | N | 03/11/2015 | | |
| TITLE | | HANDLE | | |
| PRIORITY NA | | | | |
| DESIGN NUMBER | | 272685 | | |
| CLASS | | 10-04 | | and the second se |
| 1)FREEMAN'S MEASUR G. T. ROAD, JUGIANA, AN INDIAN COMPANY | | F D, NA - 141017, PUNJAB, INDIA, | | |
| DATE OF REGISTRATION | | 11/06/2015 | | |
| TITLE | | MEASURING TAPE | 57 | |
| PRIORITY NA | | | 200000 | |

| DESIGN NUMBER | | 273636 | |
|--|---|---|-----|
| CLASS | | 12-16 | |
| 1)BAJAJ AUTO LIMITED, AN IN THE COMPANIES ACT OF 1956, H AT NEW 2ND & 3RD FLOOR, KHIVF CHENNAI - 600006, STATE OF TAM AKURDI, PUNE-411035, STATE OF N | AVING ITS PRINCI AJ BUILDING, NO. 6 L NADU, INDIA, AN | PAL PLACE OF BUSINESS 16, ANNASALAI, D REGISTERED OFFICE AT | |
| DATE OF REGISTRATION | 1′ | 7/07/2015 | |
| TITLE | CONTROL SWIT | CH FOR MOTORCYCLE | |
| PRIORITY NA | | | |
| DESIGN NUMBER | | 277081 | |
| CLASS | | 12-16 | |
| 1)AUDI AG, A JOINT STOCK CO LAW OF AUTO-UNION-STR. 1, D-8504 | | | A12 |
| DATE OF REGISTRATION | 31 | 0/10/2015 | 100 |
| TITLE | WHEEL RI | M FOR VEHICLES | |
| PRIORITY | | | |
| PRIORITY NUMBER | DATE | COUNTRY | |
| 002696336-0005 | 07/05/2015 | OHIM | |
| DESIGN NUMBER | | 277421 | |
| CLASS | | 08-06 | |
| 1)KAPILBHAI BALVANTRAI VY GOHEL BOTH INDIAN NATIONAI AN INDIAN PARTNERSHIP FIRM BUSINESS AT ADDRESS:- 6, PARSANA SOCIETY, 50 FEET GUJARAT-INDIA | A PARTNER OF RAT HAVING ITS PRINC | NAPRABHA HARDWARE IPAL PLACE OF | |
| DATE OF REGISTRATION | 0 | 9/11/2015 | |
| TITLE | ŀ | IANDLE | |
| PRIORITY NA | | | |

| DESIGN NUMBER | 227768 | | |
|---|-----------------------------------|---------------------------------------|---------------------------|
| CLASS | 06-08 | 1.6 | |
| 1)JARAN FABRICATORS 4, CROSS-LAND, FLOW (PUNJAB) INDIA. | S, ER ENCLAVE, LUDHIANA | A-141013 | |
| DATE OF REGISTRATION | 11/03/2010 | | |
| TITLE | CLOTH-STAND |) | |
| PRIORITY NA | | 1 | |
| DESIGN NUMBER | 27 | 77079 | |
| CLASS | 1 | 2-16 | |
| GERMAN LAW | OCK COMPANY ESTABL | | |
| DATE OF REGISTRATION | N 30/1 | 10/2015 | |
| TITLE | WHEEL RIM | FOR VEHICLES | |
| 002696336-0003 | 07/05/2015 | OHIM | |
| DESIGN NUMBER | | 269868 | |
| CLASS | | 12-15 | A CONTRACTOR OF THE OWNER |
| FRENCH COMPANY OF 12 FERRAND, FRANCE, AND |) E ET TECHNIQUE S.A., A S | 3000, CLERMON SWISS COMPANY | T- Y OF |
| DATE OF REGISTRATION | J | 26/02/2015 | |
| TITLE | Т | TIRE TREAD | |
| | | | |
| PRIORITY | | | |
| PRIORITY NUMBER | DATE | COUNTR | Y |
| | DATE 04/09/2014 | COUNTR U.S.A. | Y |

| DESIGN NUMBER | | 2' | 77129 | | |
|---|------------------|--------------------|------------|--------|-----------------------------------|
| CLASS | | (|)5-05 | | |
| 1)SIDDHI VINAYAK KNOTS UNDER THE PROVISION OF REGISTERED OFFICE AT A-26, CENTRAL PARK, GID | COMPA | ANIES ACT, 1956 HA | VING ITS | STERED | |
| DATE OF REGISTRATION | | 30/ | 10/2015 | | $(\land \land \land \land \land)$ |
| TITLE | | TEXTI | LE FABRIC | | |
| PRIORITY NA | | | | | |
| DESIGN NUMBER | | 273124 | | | |
| CLASS | | 07-01 | | | |
| 1)NAYASA SUPERPLAST O SURVEY NO. 370/2 (7) KAC (UNION TERRITORIES), INDIA PARTNERS ARE SACHIN SAC NATIONALS | HIGAM , INDIA | N PARTNERSHIP FI | RM, WHOSE | 2 | ARA |
| DATE OF REGISTRATION | | 26/06/2015 | | | |
| TITLE | | BOWL | | | and the California |
| PRIORITY NA | | | | | |
| DESIGN NUMBER | | 2 | 71891 | | |
| CLASS | | 15-02 | | | |
| 1)EBARA CORPORATION C 11-1, HANEDA ASAHI-CHO NATIONALITY: JAPAN | | | 10, JAPAN, | | |
| DATE OF REGISTRATION | | 05/05/2015 | | | |
| TITLE | | IMPELLER FOR PUMPS | | | |
| PRIORITY | • | | | | |
| PRIORITY NUMBER | | DATE | COUNTRY | | |
| 2014-24922 | | 07/11/2014 | JAPAN | | Ken |
| | | · | | | \sim |

| DESIGN NUMBER | 2 | .76699 | | |
|---|-----------------|---|-----|-----------------|
| CLASS | | 12-16 | | |
| 1)AUDI AG, A JOINT STOCK CO GERMAN LAW OF AUTO-UNION-STR. 1, D-85045 II | | | | |
| DATE OF REGISTRATION | 16/ | /10/2015 | 1 | |
| TITLE | WHEEL RIM | 1 FOR VEHICLES | | |
| PRIORITY | | | 15 | |
| PRIORITY NUMBER | DATE | COUNTRY | | |
| 002683763-0002 | 17/04/2015 | OHIM | | |
| | | | | |
| DESIGN NUMBER | | 277178 | | |
| CLASS | | 23-04 | | |
| 1)LG ELECTRONICS INC. 128, YEOUI-DAERO, YEONGDE KOREA A CORPORATION INCORPO OF KOREA | , | <i>,</i> | | Ser |
| | 02/11/2015 | | | A Venteroration |
| DATE OF REGISTRATION | | 02/11/2015 | | |
| DATE OF REGISTRATION TITLE | AIR PURIF | 02/11/2015 FIER WITH HUMIDIFI | ER | |
| TITLE | AIR PURIF | | ER | |
| TITLE PRIORITY NA | AIR PURIF | | ER | |
| DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS | AIR PURIF | TER WITH HUMIDIFI | ER | |
| TITLE PRIORITY NA DESIGN NUMBER | ALITY: UNITED S | TER WITH HUMIDIFI 265567 09-01 STATES OF AMERIC | ĊA, | |
| TITLE PRIORITY NA DESIGN NUMBER CLASS 1)KEVIN ALAN TUSSY, NATION ADDRESS AT, 1707 VILLAGE CENTER CIRCLE | ALITY: UNITED S | TER WITH HUMIDIFI 265567 09-01 STATES OF AMERIC | ĊA, | |
| TITLE PRIORITY NA DESIGN NUMBER CLASS 1)KEVIN ALAN TUSSY, NATION ADDRESS AT, 1707 VILLAGE CENTER CIRCLE STATES OF AMERICA DATE OF REGISTRATION | ALITY: UNITED S | TER WITH HUMIDIFI 265567 09-01 STATES OF AMERIC VEGAS, NV 89134, UN | ĊA, | |
| TITLE PRIORITY NA DESIGN NUMBER CLASS 1)KEVIN ALAN TUSSY, NATION ADDRESS AT, 1707 VILLAGE CENTER CIRCLE STATES OF AMERICA DATE OF REGISTRATION TITLE | ALITY: UNITED S | 265567 09-01 STATES OF AMERIC VEGAS, NV 89134, UN 10/09/2014 | ĊA, | |
| TITLE PRIORITY NA DESIGN NUMBER CLASS 1)KEVIN ALAN TUSSY, NATION ADDRESS AT, 1707 VILLAGE CENTER CIRCLE STATES OF AMERICA | ALITY: UNITED S | 265567 09-01 STATES OF AMERIC VEGAS, NV 89134, UN 10/09/2014 | ĊA, | |

| DESIGN NUMBER | 276958 | | |
|---|--|-----------------------|-----------------------------|
| CLASS | 09-01 | | |
| AT | IAKRAL, (INDIAN NATIONAL) HAVIN CLAVE, OPP. MODEL TOWN IIIRD, DEL | | |
| DATE OF REGISTRATION | 26/10/2015 | | |
| TITLE | NAIL PAINT BOT | TLE | |
| PRIORITY NA | | | |
| DESIGN NUMBER | 277252 | | 1 |
| CLASS | 07-04 | | |
| ADDRESS AT | AN INDIAN NATIONAL, HAVING GGIYAM THORAIPAKKAM CHENNAI- | | 4 |
| DATE OF REGISTRATION | 03/11/2015 | | |
| TITLE | TWIN WIPER FOR GRINDING MACHINE | | |
| PRIORITY NA | | | |
| DESIGN NUMBER | 277384 | | |
| CLASS | 06-04 | THERE SHALL AND AND A | |
| 1) PATRAM BISHNOI (IN PROPRIETOR, INDUS TRA OF THE ADDRESS 1, TA JODHPUR-342013, RAJASTH | DE, NAWARA PHANTA, SALAWAS ROAD, | | |
| DATE OF REGISTRATION | 06/11/2015 | | |
| TITLE | TELEVISION CABINET | 24 M | - Contraction of the second |
| PRIORITY NA | | | |

| DESIGN NUMBER | | 27 | 2354 | | |
|--|------------|--|----------------------------|------------|-------|
| CLASS | | 12 | 2-16 | - | |
| 1)SUZUKI MOTOR CORPORATION OF 300, TAKATSUKA-CHO, N SHIZUOKA-PREF., JAPAN | | | | VE | AL AN |
| DATE OF REGISTRATION | 26/05/2015 | | | the second | |
| TITLE | FRON | FRONT BUMPER FOR AUTOMOBILES | | | |
| PRIORITY | | | | | - Fr |
| PRIORITY NUMBER | D | ATE | COUNTRY | | |
| 2014-026522 | 28 | 8/11/2014 | JAPAN | | |
| DESIGN NUMBER | | | 273671 | | |
| CLASS | | | 14-03 | | 12 |
| 1)SAMSUNG ELECTRONI OF 129, SAMSUNG-RO, Y REPUBLIC OF KOREA | | | | | 00 00 |
| DATE OF REGISTRATION | | | 17/07/2015 | | |
| TITLE | | | MOBILE PHONE | 3 | |
| PRIORITY PRIORITY NUMBER 30-2015-0011448 | | TE 03/2015 | COUNTRY REPUBLIC OF KOF | REA | |
| DESIGN NUMBER | | 2 | 73120 | | |
| CLASS | | | 25-02 | _ | |
| 1)ALUDECOR LAMINATI OF 1, R. N. MUKHERJEE I MARTIN BURN BUILDING, I LIMITED COMPANY | ROAD, | SUITE NO. 5 | 2, 5TH FLOOR, | E | |
| DATE OF REGISTRATION | | 26/ | 06/2015 | | |
| TITLE | CON | COMPOSITE PANEL FOR BUILDING FACADE | | | |
| PRIORITY NA | | | | | |

| DESIGN NUMBER | | 263551 | |
|--|--|------------------------------------|--------------|
| CLASS | | 13-03 | |
| 1)ROXTEC AB, A SWEDISH JOIN PO BOX 540 (STREET ADDRESS: SWEDEN | T STOCK COMPAN ROMBVÄGEN 2) SE | Y, OF -37123 KARLSKRONA, | |
| DATE OF REGISTRATION | 20 |)/06/2014 | |
| TITLE | LID OF . | A SPLICE BOX | |
| PRIORITY | | | |
| PRIORITY NUMBER | DATE | COUNTRY | |
| 002376459 | 23/12/2013 | OHIM | |
| DESIGN NUMBER | | 277157 | |
| CLASS | | 19-06 | |
| AN INDIAN PARTNERSHIP FIRM, IN 1. BHARAT JETHMAL LUNIA (2) PR OF ABOVE ADDRESS DATE OF REGISTRATION | AVIN JETHMAL LUN | | |
| | | | - 14 |
| TITLE | | 2/11/2015 2 POINT PEN | - |
| PRIORITY NA DESIGN NUMBER | | 277452 | W |
| CLASS | | 12-15 | |
| 1)APOLLO TYRES LIMITED, A C OF INDIA, OF 7 INSTITUTIONAL AREA, SECTO | | ZED UNDER THE LAWS | A CONTRACTOR |
| DATE OF REGISTRATION | 10 |)/11/2015 | |
| TITLE | | | |
| PRIORITY NA | | | |

| DESIGN NUMBER | | 272913 | | |
|--|--|-------------------------|----------------|--------|
| CLASS | | 07-99 | | |
| 1)MA DESIGN INDI COMPANY INCORPO PRINCIPAL PLACE O A-41, SECTOR-80, 1 INDIA DATE OF | DRATED IN I DF BUSINESS PHASE-II, NC | NDIA HAVING ITS S AT | | |
| REGISTRATION | | | | ALCON. |
| TITLE | | TRAY | | |
| PRIORITY NA | | | | |
| DESIGN NUMBER | | 227 | 552 | |
| CLASS | | 26 | -04 | |
| 1) MIC ELECTRONI A-4/II, ELECTRONI ANDHRA PRADESH, I | IC COMPLEX |) 7, KUSHAIGUDA, HYE | DERABAD-500062 | |
| DATE OF REGISTRA | TION | 26/02/2010 | | |
| TITLE | | LIGHTING | FIXTURE | |
| PRIORITY NA | · | | | |
| DESIGN NUMBER | | 273341 | | |
| CLASS | | 09-01 | | |
| PROPRIETOR OF AS PROPRIETORSHIP F ADDRESS | HOKA FOOI IRM, HAVIN | G ITS PRINCIPAL PI | | |
| DATE OF REGISTRA | TION | 0 | 3/07/2015 | |
| TITLE | | 1 | BOTTLE | |
| PRIORITY NA | | | | |

| DESIGN NUMBER | | 277 | 077 | |
|--|----------------|--------------|--------------|--------|
| CLASS | | 12- | 16 | |
| 1)AUDI AG, A JOINT STOCK GERMAN LAW OF AUTO-UNION-STR. 1, D-8 | | | | |
| DATE OF REGISTRATION | | 30/10/ | /2015 | |
| TITLE | WH | EEL RIM F | OR VEHICLES | |
| PRIORITY | | | | |
| PRIORITY NUMBER | DATE | | COUNTRY | |
| 002696336-0001 | 07/05/20 |)15 | OHIM | |
| | | | | |
| DESIGN NUMBER | | | 269854 | |
| CLASS | | | 14-03 | |
| 1)SAMSUNG ELECTRONICS 129, SAMSUNG-RO, YEONGT REPUBLIC OF KOREA, A COMP | TONG-GU, SU | | | |
| DATE OF REGISTRATION | | 2 | 5/02/2015 | |
| TITLE | | MOBILE PHONE | | |
| PRIORITY | | | | |
| PRIORITY NUMBER | DATE | COUNT | ſRY | |
| 30-2014-0049465 | 15/10/2014 | REPUB | LIC OF KOREA | |
| DESIGN NUMBER | | | 277127 | Je Ste |
| CLASS | | | 05-05 | |
| 1)SIDDHI VINAYAK KNOTS & UNDER THE PROVISION OF C REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC | OMPANIES A | ACT, 1956 I | HAVING ITS | |
| DATE OF REGISTRATION | 30/10/2015 | | | |
| TITLE | TEXTILE FABRIC | | | |
| PRIORITY NA | | | | |

| DESIGN NUMBER | 277395 | |
|---|--|--|
| CLASS | 07-99 | |
| INDUSTRIES-AN INDIAN (228-B, BOMBAY TALKII MUMBAI-400064, MAHARA | ES COMPOUND, MALAD (WEST), | |
| DATE OF REGISTRATION | 09/11/2015 | |
| TITLE | TRAY | |
| PRIORITY NA | | |
| DESIGN NUMBER | 271768 | |
| CLASS | 15-07 | |
| INCORPORATED UNDER | G. CO. LTD., AN INDIAN COMPANY FHE COMPANIES ACT, 1913, E, PLANT 11, PIROJSHANAGER, VIKHRO NDIA | DLI |
| DATE OF REGISTRATION | 28/04/2015 | |
| TITLE | REFRIGERATOR | |
| PRIORITY NA | | |
| DESIGN NUMBER | 272804 | |
| CLASS | 15-03 | |
| HAVING ITS OFFICE AT | CO., LTD., A LIMITED COMPANY A-SHI, OKAYAMA, 709-0892, JAPAN | |
| DATE OF REGISTRATION | 17/06/2015 | THE REAL PROPERTY AND A DESCRIPTION OF THE REAL PROPERTY |
| TITLE | SEEDLING BOXES | State of the second sec |
| PRIORITY NA | | Company and the second se |

| DESIGN NUMBER | | 272374 | |
|---|--------------|-------------------|------|
| CLASS | Commission | | |
| 1) THE ABSOLUT COMPANY AK AT 117 97 STOCKHOLM, SWEDEN | | | |
| DATE OF REGISTRATION | 2 | 6/05/2015 | |
| TITLE |] | BOTTLE | th |
| PRIORITY PRIORITY NUMBER 002677880 | | | |
| DESIGN NUMBER | | 271892 | |
| CLASS | | 15-02 | |
| 1)EBARA CORPORATION OF TH 11-1, HANEDA ASAHI-CHO, OHT NATIONALITY: JAPAN | | 8510, JAPAN, | |
| DATE OF REGISTRATION | 0. | 5/05/2015 | |
| TITLE | IMPELL | ER FOR PUMPS | |
| PRIORITY | | | |
| PRIORITY NUMBER | DATE | COUNTRY | |
| 2014-24923 | 07/11/2014 | JAPAN | AL . |
| | | 077170 | |
| DESIGN NUMBER | | 277179 23-04 | - |
| CLASS 1)LG ELECTRONICS INC. 128, YEOUI-DAERO, YEONGDEU KOREA A CORPORATION INCORPO OF KOREA | | | |
| DATE OF REGISTRATION | 0 | 2/11/2015 | |
| TITLE | AIR PURIFIEI | R WITH HUMIDIFIER | |
| PRIORITY NA | | | |

| DESIGN NUMBER | 272977 | | | |
|---|--|---|--|--|
| CLASS | 09-01 | | | |
| | INDIAN NATIONAL, WHOSE ADDRESS IS OK NAGAR, JAYCEES SCHOOL, ERODE-638002 | , | | |
| DATE OF REGISTRATION | TE OF REGISTRATION 23/06/2015 | | | |
| TITLE | BOTTLE | | | |
| PRIORITY NA | | | | |
| DESIGN NUMBER | 271659 | | | |
| CLASS | | | | |
| 1)UNIVERSAL DESIGNOVATION PARTNERSHIP FIRM OF MR. BHA SONAGRA, OF THE ADDRESS 27-AJANTA PARK, UNIVERSITY AND MAGNALENZ; PROPRIETORS CHANDRAK YAGNIK; OF THE ADI PART-2, NEAR ELITE CONDUCTOR CHANGODAR, SANAND, AHMEDA DATE OF REGISTRATION | | | | |
| TITLE | INDUCTION FURNACE GENERATOR | | | |
| PRIORITY NA | · | | | |
| DESIGN NUMBER | 273650 | | | |
| CLASS | 12-11 | | | |
| 1)BAJAJ AUTO LIMITED, AN IN THE COMPANIES ACT OF 1956, H BUSINESS AT NEW 2ND & 3RD FLOOR, KHIVI CHENNAI - 600006, STATE OF TAM AT AKURDI, PUNE-411035, STATE | 2 | | | |
| DATE OF REGISTRATION | 17/07/2015 | | | |
| TITLE | PILLION BACK REST FOR MOTORCYLE | | | |
| PRIORITY NA | | | | |

| DESIGN NUMBER | 273484 | |
|--|---|--------------------|
| CLASS | 12-06 | \sim |
| | F TECHNOLOGY BOMBAY 76, STATE OF MAHARASHTRA, INDIA | |
| DATE OF REGISTRATION | 09/07/2015 | |
| TITLE | BOAT | |
| PRIORITY NA | | |
| DESIGN NUMBER | 264146 | |
| CLASS | 07-02 | |
| | LIMITED, OF CUFFE PARADE, P.O. BOX 16083, ASHTRA, INDIA, AN INDIAN COMPANY | 0 |
| DATE OF REGISTRATION | 18/07/2014 | |
| TITLE | PRESSURE COOKER | |
| PRIORITY NA | | |
| DESIGN NUMBER | 248076 | |
| CLASS | 07-99 | |
| PARTNERS OF GANGA H PARTNERSHIP FIRM, WI BYE PASS, ZERO POIN MANGUPURA, MORADAE | T, DELHI ROAD, VILLAGE | V * * * * * |
| DATE OF REGISTRATION | 24/09/2012 | TYON |
| TITLE | BATH SET | |
| PRIORITY NA | | |

| DESIGN NUMBER | | | 271541 | | |
|--|---------------------------------|--------------|------------------------------------|----------|--------|
| CLASS | | 23-03 | | | |
| 1)"HAVELLS INDIA LIMI AT 1, RAJ NARAIN MAR | | L LINES, DEL | LHI 110054 | | |
| DATE OF REGISTRATION | ATE OF REGISTRATION 20/04/2015 | | | | |
| TITLE | | | WATER HEATER | ł | |
| PRIORITY NA | | | | | |
| DESIGN NUMBER | | 2717 | 799 | _ | |
| CLASS | | 10- | 05 | | |
| 1) THOMAS & BETTS INT INCORPORATED UNDER 7 ADDRESS IS 501 SILVERSIDE ROAD, 19809, USA | THE LA | WS OF DELA | AWARE, WHOSE | | |
| DATE OF REGISTRATION | | 29/04/2015 | | | |
| TITLE | TITLE LIGHTNING CONDUCTOR STRIP | | | \sim | // /// |
| PRIORITY | | | | \sim | |
| PRIORITY NUMBER | | ATE COUNTRY | | | |
| 002591966 | 05/ | /12/2014 | OHIM | | |
| DESIGN NUMBER | | | 272415 | | _ |
| CLASS | | | 25-02 | | _ |
| 1)SLIDE & HIDE SYSTEM EXISTING UNDER THE LA 11, YISHUN INDUSTRIAL SINGAPORE 768089 | WS OF | SINGAPORI | E, WHOSE THE AD NORTH SPRING BL | DRESS IS | |
| DATE OF REGISTRATION | | | 28/05/2015 | *** | |
| TITLE | | FI | RAME OF CAVITY | WALL | |
| PRIORITY NA | | | | | |

| DESIGN NUMBER | | 265713 | |
|--|---|---|--|
| CLASS | | 06-01 | and a local state of the second state of the s |
| 1)KUSH JAWAHAR, (INDIVII FEATHERLITE PRODUCTS PE UNIT III, #18, 19/1, CHOKKA RAJANKUNTE POST, ARAKERE KARNATAKA, INDIA | RIVATE LIMITE NAHALLI VILLA | E D AT AGE, BYATHA ROAD, | |
| DATE OF REGISTRATION | | 16/09/2014 | |
| TITLE | | CHAIR | |
| PRIORITY NA | | | 53 |
| DESIGN NUMBER | | 276790 | |
| CLASS | | 12-16 | |
| 1)TOYOTA JIDOSHA KABUS ORGANIZED AND EXISTING U 1, TOYOTA-CHO, TOYOTA-S MANUFACTURERS & MERCHA | U NDER THE LA SHI, AICHI-KEN, | WS OF JAPAN OF , 471-8571, JAPAN, | |
| DATE OF REGISTRATION | | 20/10/2015 | |
| TITLE | REAR BUM | PER FOR AN AUTOMOBILE | |
| PRIORITY | | COUNTERN | |
| PRIORITY NUMBER | DATE | COUNTRY | _ |
| A2015/00689 | 23/04/2015 | SOUTH AFRICA | |
| DESIGN NUMBER | | 277093 | |
| CLASS | | 12-16 | |
| 1)RAGHAV CHAUDHRY & SI SIND ENGINEERING WORKS OF B-29-536/35-E9, SUA ROA AREA 'C', LUDHIANA-141014 (I ABOVE ADDRESS | D, DHANDARI | KALAN, INDUSTRIAL | |
| DATE OF REGISTRATION | | 30/10/2015 | |
| TITLE | BIG | CYCLE PEDAL | |
| PRIORITY NA | | | |

| DESIGN NUMBER | | 277469 | | | |
|---|------------------|---|---------------|---|------------------------|
| CLASS | | | 09-01 | | - |
| 1)MR. GOONJ UMESH THAKKAR, ADULT, AN INDIAN NATIONAL, HAVING HIS PRINCIPAL PLACE OF BUSINESS AT 29, DEVPRIYA BUNGLOWS, PART-2, B/H. MADHUR HALL, ANANDNAGAR CROSS ROADS, SATELLITE, AHMEDABAD-380015, GUJARAT, INDIA | | | | | A |
| DATE OF REGISTRATION | | | 12/11/2015 | | |
| TITLE | | | BOTTLE | | |
| PRIORITY NA | | | | | |
| DESIGN NUMBER | | | 273215 | | |
| CLASS | | | 14-03 | | |
| 1)LG ELECTRONICS INC. 128, YEOUI-DAERO, YEO KOREA A CORPORATION IN OF KOREA | NGDEU | | | | |
| DATE OF REGISTRATION | | | 30/06/2015 | | |
| TITLE | | | MOBILE PHONE | | |
| PRIORITY PRIORITY NUMBER DA' 30-2014-0064460 31/1 | | TE COUNTRY 12/2014 REPUBLIC OF KOREA | | | |
| | | | <0 5 1 | [| C. 40000000 - 50000000 |
| DESIGN NUMBER | | | 6951 | | |
| CLASS 1)BAJAJ ELECTRICALS I IN INDIA, HAVING ITS REC 45/47, VEER NARIMAN R MAHARASHTRA, INDIA, OF DATE OF | GISTER OAD, M | D, A COMP ED OFFICE IUMBAI 400 | AT, | Ĩ | 6 |
| DATE OF REGISTRATION | 26/10/2015 | | | | |
| TITLE ROOM HEATER PRIORITY NA | | | | | |

| DESIGN NUMBER | | 272001 | |
|---|---------------------------------------|-------------------------------|---|
| CLASS | | 14-03 | 6 |
| 1)MICROSOFT MOBILE OY, KEILARANTA 7, 02150 ESPOO, I | 100 | | |
| DATE OF REGISTRATION | 07 | //05/2015 | |
| TITLE | H | ANDSET | |
| PRIORITY | | | 000 |
| PRIORITY NUMBER | DATE | COUNTRY | |
| 29/511,276 | 09/12/2014 | U.S.A. | |
| DESIGN NUMBER | | 263875 | |
| CLASS | | 08-05 | |
| 1) SULZER MIXPAC AG, OF RÜTISTRAßE 7, 9469 HAAG (RF | IEINTAL), SWITZERLA | AND | |
| DATE OF REGISTRATION | 04 | /07/2014 | K TOO |
| TITLE | DISCHA | ARGE DEVICE | |
| PRIORITY NUMBER 002381236 | DATE 07/01/2014 | COUNTRY OHIM | |
| PRIORITY PRIORITY NUMBER | DATE | COUNTRY | |
| | i | | - TD |
| DESIGN NUMBER | | 277123 | |
| CLASS | · · · · · · · · · · · · · · · · · · · | 05-05 | |
| 1)SIDDHI VINAYAK KNOTS & F UNDER THE PROVISION OF COM REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, P | APANIES ACT, 1956 H | COMPANY REGISTER AVING ITS | ED |
| DATE OF REGISTRATION | 30 | 0/10/2015 | WIT THE SPA |
| TITLE | TEXT | ILE FABRIC | - A A A A A A A A A A A A A A A A A A A |
| PRIORITY NA | | | |

| DESIGN NUMBER | | | 277250 | | | |
|--|---------------------|-----------------------------|-----------|--------|------------|--|
| CLASS | | 20-02 | | | | |
| 1) T.T. VARADARAJAN, A 3/140, IT HIGHWAYS, OG | | | | | | |
| DATE OF REGISTRATION | | 03 | 3/11/2015 | | | |
| TITLE | | DISPI | LAY STAND |) | | |
| PRIORITY NA | | | | | | |
| DESIGN NUMBER | | 277378 | | | | |
| CLASS | | 06-04 | | | | |
| 1)PATRAM BISHNOI (IND PROPRIETOR, INDUS TRA 1, TANAWARA PHANTA RAJASTHAN, INDIA | DE, OF 1 | THE ADDRESS | R-342013, | | | |
| DATE OF REGISTRATION | | 06/11/2015 | | | | |
| TITLE | TE | LEVISION CABINET DRAWERS | WITH | | | |
| PRIORITY NA | | | | Tre | e huguer | |
| DESIGN NUMBER | | | 268142 | | | |
| CLASS | | | 09-01 | | | |
| 1)MJN U.S. HOLDINGS LI UNDER THE LAW OF THE 2701 PATRIOT BLVD., 4T | STATE | OF DELAWARE, U. | S.A., OF | ISTING | \bigcirc | |
| DATE OF REGISTRATION | | 12/12/2014 | | | | |
| TITLE | | BOTTLE | | | | |
| PRIORITY | | | I | | | |
| PRIORITY NUMBER | TY NUMBER DATE COUN | | COUN | TRY | | |
| 29/493,784 | | 13/06/2014 | U.S.A. | | | |
| | | | | | | |

| DESIGN NUMBER | | 77 | /1998 | |
|---|------------------------|---------------|------------|--------|
| CLASS | | 24-02 | | |
| 1)KARL STORZ GMBH & (MITTELSTRASSE 8, D-785 | | G, A GERMAN | COMP | |
| DATE OF REGISTRATION | | 07/0 |)5/2015 | |
| TITLE | | NEPHR | ROSCOF | Έ |
| PRIORITY PRIORITY NUMBER | I | DATE | COL | INTRY |
| 002574079-0002 | (| 07/11/2014 | OHI | М |
| | | | | |
| DESIGN NUMBER | | 27737 | 76 | |
| CLASS | | 07-02 | 2 | |
| 1)PUKHRAJ PATEL (INDIA GEETA INDUSTRIAL EST ROAD, VASAI (EAST), DIST. INDIA. | ATE, 2/ | 3, GALA NO. 1 | 8 B, SA | TIVALI |
| DATE OF REGISTRATION | | 06/11/2 | 015 | |
| TITLE | | CASSER | ROLE | |
| PRIORITY NA | | | | |
| DESIGN NUMBER | | | 277083 | |
| CLASS | | | 12-16 | |
| 1)AUDI AG, A JOINT STOO GERMAN LAW OF AUTO-UNION-STR. 1, | | | | |
| DATE OF REGISTRATION | | 3 | 30/10/20 | 15 |
| TITLE | WHEEL RIM FOR VEHICLES | | | |
| DDIODITY | 1 | | | |
| PRIORITY | | DATE | C | OUNTRY |
| PRIORITY NUMBER | | DATE | ۲ ۰ | OUNIKI |

| DESIGN NUMBER | | 272074 | | | |
|--|----------------------|--------------------|--|---------|--|
| CLASS | | | | | |
| 1)MA DESIGN INDIA PRI INDIA HAVING ITS PRINCE A-41, SECTOR-80, PHASE | IPAL PLACE OF B | USINESS AT | PORATED IN | | |
| DATE OF REGISTRATION | | 13/05/2015 | | | |
| TITLE | | TABLE LAMP | | | |
| PRIORITY NA | | | | | |
| DESIGN NUMBER | DESIGN NUMBER 277133 | | | | |
| CLASS | | 05-05 | | | |
| 1)SIDDHI VINAYAK KNO UNDER THE PROVISION O REGISTERED OFFICE AT A-26, CENTRAL PARK, G DATE OF REGISTRATION | F COMPANIES A | CT, 1956 HAVING IT | S | | |
| TITLE | | TEXTILE FABRI | C | | |
| PRIORITY NA | | | | | |
| DESIGN NUMBER | 20 | 54427 | | | |
| CLASS | 2 | 23-02 | | | |
| 1)HANSGROHE SE, OF AUESTR. 5-9, D-77761 COMPANY | SCHILTACH, GER | MANY, A GERMAN | | 2.42.00 | |
| DATE OF REGISTRATION | | | | | |
| TTLE HAND SHOWER | | | and the second sec | | |
| PRIORITY | | | _ | | |
| PRIORITY NUMBER | DATE | ATE COUNTRY | | | |
| 001403273-0001 | 14/02/2014 | OHIM | | | |
| | | | | | |

| DESIGN NUMBER | 271710 | |
|---|--|-----------------------|
| CLASS | 12-16 | |
| 1) MINDA INDUSTRIES LIMITED OF VILL. NAWADA FATEPUR, P GURGAON, HARYANA – 122004, IN | O. SIKANDERPUR BADDA, MANESAR, DISTT. | |
| DATE OF REGISTRATION | The second s | |
| TITLE | | |
| PRIORITY NA | | |
| DESIGN NUMBER | 271586 | |
| CLASS | 09-04 | |
| 1)MR. JEETENDRA FATECHANI 19, ASHA SOCIETY, 290, SHUKA STATE, INDIA | D BAMBOLI, ARAWAR PETH, PUNE-411002. MAHARASHTRA | |
| DATE OF REGISTRATION | ATE OF REGISTRATION 20/04/2015 | |
| TITLE | BASKET | ARKEN STREET |
| PRIORITY NA | | |
| DESIGN NUMBER | 277450 | |
| CLASS | 12-15 | all the second second |
| OF INDIA, | COMPANY ORGANIZED UNDER THE LAWS CTOR 32, GURGAON 122001, INDIA | |
| DATE OF REGISTRATION | 10/11/2015 | |
| TITLE | TYRE TREAD | |
| PRIORITY NA | | |

| DESIGN NUMBER | | 272407 | | | |
|---|---|---|----------------|-----|----|
| CLASS | | 28-03 | | | |
| 1)WAHL CLIPPER O 2900 NORTH LOCU | | N, A COMPANY OF FERLING, ILLINOIS | | USA | |
| DATE OF REGISTRAT | LION | 28 | 3/05/2015 | | |
| TITLE | | HAIR | R TRIMMER | | |
| PRIORITY PRIORITY NUMBER 29/510,546 | | DATE 01/12/2014 | COUN U.S.A. | | |
| DESIGN NUMBER | | 273556 | | | |
| CLASS | | 09-03 | | | |
| 1)RAJESHKUMAR T RAJESHKUMAR TRIE TOWNSHIP, NEW-80F SURENDRANAGAR, S DATE OF REGISTRATION | BHOVANBHAΙ Γ ROAD, WADI | PATEL C/74, UMIYA HWAN-363002, DIS- | | - | |
| TITLE | | CONTAINER | | | |
| PRIORITY NA | | | 1 | | |
| DESIGN NUMBER | | 276789 | 4 | | |
| CLASS 1)TOYOTA JIDOSHA CORPORATION DULT UNDER THE LAWS O 1, TOYOTA-CHO, T 8571, JAPAN, MANUFA DATE OF | Y ORGANIZEI F JAPAN OF OYOTA-SHI, A | D AND EXISTING | | | |
| DATE OF REGISTRATION TITLE | DASHBO | 0/10/2015 DARD FOR AN | | The | Dy |
| | AUT | OMOBILE | | | 11 |
| PRIORITY PRIORITY NUMBER | DATE | COUNTRY | | | |
| | | | | | |
| A2015/00688 | 23/04/2015 | SOUTH AFRICA |]] | | |

| DESIGN NUMBER | 277468 | |
|--|--|---------|
| CLASS | 28-03 | |
| 1) THE GILLETTE COMPANY, OF ONE GILLETTE PARK, BOS AMERICA | AN AMERICAN COMPANY, STON, MA 02127 UNITED STATES OF | |
| DATE OF REGISTRATION | 12/11/2015 | HHH P P |
| TITLE | RAZOR CARTRIDGE | |
| PRIORITY NA | | |
| DESIGN NUMBER | 272937 | |
| CLASS | 06-01 | |
| 1)GODREJ & BOYCE MFG. CO INCORPORATED UNDER THE C OF GODREJ INTERIO, PLANT MUMBAI-400079, INDIA DATE OF REGISTRATION | | T |
| TITLE | CHAIR | |
| PRIORITY NA | | 不 |
| DESIGN NUMBER | 273621 | |
| CLASS | 12-12 | |
| | Y, OPP.BARODA EXPRESS WAY , NEAR C.T.M. DI, AHEMDABAD,GUJARAT, INDIA-380026 | M |
| DATE OF REGISTRATION | 17/07/2015 | |
| TITLE | AL | |
| PRIORITY NA | | |

| DESIGN NUMBER | 269869 |) | |
|---|------------------------|--|-----------------|
| CLASS | 12-15 | | |
| 1)COMPAGNIE GENERALE DES COMPANY OF 12 COURS SABLON AND MICHELIN RECHERCHE ET TEC LOUIS- BRAILLE 10, CH-1763 GRAN | - FR-63000, CLERMONT-F | ERRAND, FRANCE, MPANY OF ROUTE | |
| DATE OF REGISTRATION | 26/02/20 | 15 | |
| TITLE | TIRE TRE | EAD | |
| PRIORITY | | | |
| PRIORITY NUMBER | | COUNTRY | |
| 29/501,493 | 04/09/2014 U | J.S.A. | |
| DESIGN NUMBER | 277130 |) | |
| CLASS | 05-05 | | |
| 1)SIDDHI VINAYAK KNOTS & PI UNDER THE PROVISION OF COM REGISTERED OFFICE AT A-26, CENTRAL PARK, GIDC, PA DATE OF REGISTRATION TITLE PRIORITY NA | PANIES ACT, 1956 HAVIN | | |
| DESIGN NUMBER CLASS | 277266 29-01 | | |
| 1)FIRE SCAN TECHNOLOGIES P 357, PATPARGANJ INDUSTRIAL | | | |
| DATE OF REGISTRATION | 04/11/2015 | | |
| TITLE | FIRE ALARM EQU | IPMENT | O ALMOS BULL OT |
| PRIORITY NA | | | FIRE SCALAD |

| DESIGN NUMBER | | 277413 | |
|--|---|------------------------------------|-----|
| CLASS | | 08-08 | |
| 1) M/S KOHLI PLASTICS, B-VII-207/1, SABAN BAZAR, LUE PROPRIETORSHIP FIRM WHOSE PR NATIONALS OF THE ABOVE ADDR | OPRIETOR IS:- SURI | · | |
| DATE OF REGISTRATION | 0 | 9/11/2015 | |
| TITLE | VAC | UUM HOOK | |
| PRIORITY NA | | | |
| DESIGN NUMBER | | 273123 | |
| CLASS | | 07-01 | |
| 1)NAYASA WORLD OF SURVEY NO. 655/IC NEAR SOMN DAMAN, DAMAN-396310, (UNION T PARTNERSHIP FIRM, WHOSE PART SACHDEV & KISHOR MALIK, ALL I | ERRITORIES) DAMA NERS ARE RUPA SA NDIAN NATIONALS | AN, INDIA, INDIAN CHDEV, MANASI | |
| DATE OF REGISTRATION | 20 | 6/06/2015 | |
| TITLE | | PLATE | |
| PRIORITY NA | | | |
| DESIGN NUMBER | | 271890 | |
| CLASS | | 15-02 | |
| 1)EBARA CORPORATION OF TH 11-1, HANEDA ASAHI-CHO, OHT NATIONALITY: JAPAN | | 8510, JAPAN, | |
| DATE OF REGISTRATION | 0: | 5/05/2015 | |
| TITLE | IMPELL | ER FOR PUMPS | |
| PRIORITY | | | (0) |
| PRIORITY NUMBER | DATE COUNTRY | | |
| 2014-24921 | 07/11/2014 | JAPAN | |
| | 1 | | |

| DESIGN NUMBER | 27 | 70526 | |
|--|------------|------------------------------|-----|
| CLASS | 2 | 4-04 | |
| 1)ETHICON, INC., A CORF JERSEY, OF U.S. ROUTE 22, SOMERVILLE, | | | |
| DATE OF REGISTRATION | | 03/2015 | |
| TITLE | | PER FOR WOUND ENT DEVICES | |
| PRIORITY | | | |
| PRIORITY NUMBER | DATE | COUNTRY | |
| 29/503,320 | 25/09/2014 | U.S.A. | |
| DESIGN NUMBER | | 277158 | |
| CLASS | | 19-06 | |
| AN INDIAN PARTNERSHIP F 1. BHARAT JETHMAL LUNIA OF ABOVE ADDRESS DATE OF REGISTRATION | | | |
| TITLE | | BALL POINT PEN | ALA |
| PRIORITY NA | | | |
| DESIGN NUMBER | 272779 | | |
| CLASS | 26-04 | | |
| 1)HAVELLS INDIA LIMIT 1, RAJ NARAIN MARG, CI | | 0054, INDIA, | |
| DATE OF REGISTRATION | 16/06/2015 | 5 | |
| TITLE | LUMINAIR | E | |
| PRIORITY NA | | | |

| DESIGN NUMBER | | 273663 | | |
|---|--|--|-----|--|
| CLASS | | 12-11 | - | |
| 1)BAJAJ AUTO LIMITED, AN I THE COMPANIES ACT OF 1956, AT NEW 2ND & 3RD FLOOR, KHI CHENNAI - 600006, STATE OF TA AKURDI, PUNE-411035, STATE O | HAVING ITS PRINCI VRAJ BUILDING, NO. 6 MIL NADU, INDIA, AN | P AL PLACE OF BUSIN 516, ANNASALAI, D REGISTERED OFFICI | ESS | |
| DATE OF REGISTRATION | 1 | 7/07/2015 | | |
| TITLE | FUEL TANK CA | AP FOR MOTORCYCLE | | |
| PRIORITY NA | | | | |
| DESIGN NUMBER | 27310 |)8 | | |
| CLASS | 02-0 | 4 | | |
| THE YEAR 2013 OF THE ADDRE 506 MANDVI, NAVJIVAN BUI MASJID BUNDER, OPPOSITE BAI DATE OF REGISTRATION | LDING, 121/127 KAZI S | BAI-400003, INDIA | | |
| TITLE | FOOTW | EAR | | |
| PRIORITY NA | | | | |
| DESIGN NUMBER | | 271784 | | |
| CLASS | | 15-04 | / | |
| 1)CATERPILLAR INC. 100 NE ADAMS STREET, PEOI | RIA, IL 61269, UNITED | STATES OF AMERICA | | |
| DATE OF REGISTRATION | 28 | 28/04/2015 | | |
| TITLE | HEE | | | |
| PRIORITY PRIORITY NUMBER 29/508,614 | DATE 07/11/2014 | COUNTRY U.S.A. | | |
| | | | | |

| DESIGN NUMBER | 2 | 272393 | |
|--|--------------------------------------|-------------------|---|
| CLASS | | 26-06 | |
| 1)SUZUKI MOTOR CORPORAT 300, TAKATSUKA-CHO, MINAN JAPAN | | | |
| DATE OF REGISTRATION | 27 | /05/2015 | |
| TITLE | HEADLAMP F | OR AUTOMOBILES | |
| PRIORITY | | | |
| PRIORITY NUMBER | DATE | COUNTRY | Contraction of the second s |
| 2014-026526 | 28/11/2014 | JAPAN | |
| DESIGN NUMBER | | 273766 | |
| CLASS | | 08-08 | |
| 1)L&T-MHPS TURBINE GENER GATE NO. 8, HAZIRA WORKS (SURAT 394 510, GUJARAT, INDIA | | | |
| DATE OF REGISTRATION | | 20/07/2015 | |
| TITLE | FIXTURE FO | R BLADE MACHINING | 000 |
| PRIORITY NA | | | |
| DESIGN NUMBER | 2 | 272170 | |
| CLASS | | 06-03 | The second se |
| 1) MR. HARDIK HARESH GAND HARDIK HARESH GANDHI, DE COMPLEX, OPP. PAPER-MILL COM VIKHROLI (W), MUMBAI - 400 083 | SIGNGANDHI GC-8, MPOUND, NEAR HOM | | LINANCE |
| DATE OF REGISTRATION | 15 | /05/2015 | |
| TITLE | COFF | FEE TABLE | |
| PRIORITY NA | | | |

| DESIGN NUMBER | | 277466 | | | |
|--|--------------------------------------|--------------------------------------|------------|--|--|
| CLASS | | 28-03 | | | |
| 1) THE GILLETTE COMP OF ONE GILLETTE PARE AMERICA | | | OF | | |
| DATE OF REGISTRATION | | 12/11/2015 | | | |
| TITLE | | RAZOR CARTRIDGE | | | |
| PRIORITY NA | | | | | |
| DESIGN NUMBER | | 271820 | | | |
| CLASS | | 14-02 | | | |
| 1)GODREJ & BOYCE MF PIROJSHANAGAR, VIKH COMPANY | | | DIAN | | |
| DATE OF REGISTRATION | | 30/04/2015 | 30/04/2015 | | |
| TITLE | | DEVICE FOR CREATING REPRESENTATIO | | | |
| PRIORITY NA | | | | | |
| DESIGN NUMBER | | 276792 | | | |
| CLASS | | 26-06 | - | | |
| 1)TOYOTA JIDOSHA KAI DULY ORGANIZED AND E JAPAN OF 1, TOYOTA-CHO, TOYOT MANUFACTURERS & MERC | XISTING UND ΓΑ-SHI, AICHI- | ER THE LAWS OF | | | |
| DATE OF REGISTRATION | 20/10/2015 | | | | |
| TITLE | | BINATION LAMP FOR AN UTOMOBILE | | | |
| PRIORITY | | | | | |
| PRIORITY NUMBER | DATE | COUNTRY | | | |
| A2015/00691 | 23/04/2015 | SOUTH AFRICA | | | |

| DESIGN NUMBER | | 268607 | | | | |
|--|---|---|------------------|-------------|----------|-----------|
| CLASS | | 12-13 | | | | |
| 1)(1) MR. MOHAMED SHA NASIM MOHAMMED MANI MOHAMED SHAFI MANIAF ABDULRAHIM MANIAR, AI PARTNERS OF MANIAR & O AJIT MILL, RAKHIAL RO. INDIA | IAR, (3) MR R (4) MR. M LL INDIAN CO., | S. SABERA KH. OHAMED IQBA NATIONALS A | ATUN AL ND | | | |
| DATE OF REGISTRATION | | 02/01/2015 | | - | | |
| TITLE | STRE | ET CLEANING V | /EHIC | CLE | AN ALLEN | II |
| PRIORITY NA | | | | | | |
| DESIGN NUMBER | | 277095 | | | | |
| CLASS | | 12-16 | | | | |
| HAVING ITS PRINCIPAL PI NEW 2ND & 3RD FLOOR, ANNASALAI, CHENNAI - 600 AND REGISTERED OFFICE A MAHARASHTRA, INDIA DATE OF REGISTRATION | KHIVRAJ E)006, STATE | BUILDING, NO. 6 E OF TAMIL NAI | DU, IN | | | |
| TITLE | WIT | EEL RIM FOR VI | | E | 1 | |
| PRIORITY NA | | | | | Q | |
| DESIGN NUMBER | | | 2727 | 75 | | |
| CLASS | | | 13-0 | 3 | | |
| 1)RANDL INDUSTRIES, IN 3808 NORTH SULLIVAN F WASHINGTON 99216 U.S.A., | ROAD, BUII | | E P, SI | OKANE VALLI | EY, | |
| DATE OF REGISTRATION | | | 6/06/2 | | | |
| TITLE | | CABLE | JUNC | TION BOX | | ies, Inc. |
| PRIORITY | | Ι | | | | 0 |
| PRIORITY NUMBER | | DATE | | COUNTRY | | 9 |
| 29/512,092 | | 16/12/2014 | | U.S.A. | | |

| DESIGN NUMBER | 2 | 71667 | |
|---|---|--|---------------------|
| CLASS | 09-04 | | |
| 1) MR. JEETENDRA FATE 19, ASHA SOCIETY, 290, S MAHARASHTRA STATE, INI | SHUKRAWAR PETH | , PUNE-411002. | |
| DATE OF REGISTRATION | 21/ | /04/2015 | |
| TITLE | KITCHI | EN BASKET | |
| PRIORITY NA | | | |
| DESIGN NUMBER | | 273656 | |
| CLASS | | 12-11 | |
| 1)BAJAJ AUTO LIMITED, UNDER THE COMPANIES A PLACE OF BUSINESS AT NEW 2ND & 3RD FLOOR, CHENNAI - 600006, STATE O OFFICE AT AKURDI, PUNE-4 DATE OF REGISTRATION TITLE PRIORITY NA | ACT OF 1956, HAVIN KHIVRAJ BUILDIN F TAMIL NADU, INI H1035, STATE OF M SPEEDOMI | NG ITS PRINCIPAL G, NO. 616, ANNASA DIA, AND REGISTER | ALAI, RED DIA |
| DESIGN NUMBER | 264 | 247 | |
| CLASS | 03- | -01 |] |
| 1) JEFFREY LEVINSON, A 3000 TWO LOGAN SQUAI STATES OF AMERICA | | , PA 19103, UNITED | |
| DATE OF REGISTRATION | 25/07 | /2014 | |
| TITLE | PUF | RSE | |
| PRIORITY | | | |
| PRIORITY NUMBER | DATE | COUNTRY | |
| 29/480,416 | 25/01/2014 | U.S.A. | |

| DESIGN NUMBER | 2' | 71560 | | |
|--|--|---|------------|------------|
| CLASS | (| 07-02 | | |
| 1)DART INDUSTRIES INC. A THE LAWS OF THE U.S.A. HA AT 14901 S. ORANGE BLOS U.S.A. | AVING ITS REGIST | ERED OFFICE | | |
| DATE OF REGISTRATION | 21/ | 21/04/2015 | | |
| TITLE | LID FOR A FO | LID FOR A FOOD CONTAINER | | |
| PRIORITY | | | | |
| PRIORITY NUMBER | DATE | COUNTRY | | |
| 29/507,386 | 27/10/2014 | U.S.A. | | |
| DESIGN NUMBER | | 277447 | | |
| CLASS | | 16-01 | | \sim |
| 1)SAMSUNG ELECTRONIC OF 129, SAMSUNG-RO, YEC REPUBLIC OF KOREA | | VON-SI, GYEONGGI-DO |), 443-742 | |
| DATE OF REGISTRATION | | 10/11/2015 | | a manuel - |
| TITLE | | CAMERA | | |
| PRIORITY | | | | |
| PRIORITY NUMBER | DATE | COUNTRY | | |
| 30-2015-0026361 | 26/05/2015 | KOREA(SOUTH) | | |
| DESIGN NUMBER | | 273649 | | |
| CLASS | | 12-11 | | 6 |
| 1)BAJAJ AUTO LIMITED, A THE COMPANIES ACT OF 19 AT NEW 2ND & 3RD FLOOR, K CHENNAI - 600006, STATE OF AKURDI, PUNE-411035, STATE | 56, HAVING ITS PR CHIVRAJ BUILDING TAMIL NADU, INDI | RINCIPAL PLACE OF I , NO. 616, ANNASALAI (A, AND REGISTERED (| BUSINESS | or of |
| DATE OF REGISTRATION | | 17/07/2015 | | |
| TITLE | PILLION STR | EP HOLDER FOR MOTO | ORCYCLE | |
| PRIORITY NA | I | | | |

| DESIGN NUMBER | 272088 | |
|--|--|-----------|
| CLASS | 07-03 | |
| 1)MA DESIGN INDIA PRIVATE L INDIA HAVING ITS PRINCIPAL PI A-41, SECTOR-80, PHASE-II, NOI | | |
| DATE OF REGISTRATION | 13/05/2015 | |
| TITLE | SPOON | |
| PRIORITY NA | | |
| DESIGN NUMBER | 277134 | |
| CLASS | 05-05 | |
| UNDER THE PROVISION OF COM REGISTERED OFFICE AT | RINTS PVT. LTD. A COMPANY REGISTERED PANIES ACT, 1956 HAVING ITS NDESARA, SURAT-394221 GUJARAT | |
| DATE OF REGISTRATION | 30/10/2015 | |
| TITLE | TEXTILE FABRIC | |
| PRIORITY NA | | |
| DESIGN NUMBER | 277443 | |
| CLASS | 28-02 | |
| UNDER COMPANY NO. 41424 OF | REGISTERED IN ENGLAND AND WALES IA EMBANKMENT, LONDON, EC4Y 0DY, | Co.D |
| DATE OF REGISTRATION | 10/11/2015 | all co |
| TITLE | SOAP BAR | |
| PRIORITY | | |
| PRIORITY NUMBER | DATE COUNTRY | |
| 002698944 | 12/05/2015 OHIM | (Dalbaal) |

| DESIGN NUMBER | | 273572 | |
|---|--|--|------|
| CLASS | | 10-05 | |
| 1)RAYCHEM RPG (P) L RPG HOUSE 463, DR - 400030, | | ROAD WORLI, MUMBA | |
| DATE OF REGISTRATION | | 15/07/2015 | 1 16 |
| TITLE | VOLTAGE | E DETECTION SENSOR | |
| PRIORITY NA | | | |
| DESIGN NUMBER | | 276793 | |
| CLASS | | 12-08 | |
| DULY ORGANIZED AND JAPAN OF 1, TOYOTA-CHO, TOY | | | |
| MANUFACTURERS & ME DATE OF REGISTRATION | | 20/10/2015 | |
| DATE OF REGISTRATION | ERCHANTS | | |
| DATE OF | ERCHANTS | 20/10/2015 | |
| DATE OF REGISTRATION TITLE PRIORITY PRIORITY NUMBER A2015/00692 | ERCHANTS A DATE | 20/10/2015 UTOMOBILE COUNTRY | |
| DATE OF REGISTRATION TITLE PRIORITY PRIORITY NUMBER | ERCHANTS A DATE | 20/10/2015 UTOMOBILE COUNTRY SOUTH AFRICA | |
| DATE OF REGISTRATION TITLE PRIORITY PRIORITY NUMBER A2015/00692 DESIGN NUMBER CLASS 1)GOVERNMENT COL AURANGABAD STATION ROAD, AUR | ERCHANTS A DATE 23/04/2015 LEGE OF ENGL | 20/10/2015 UTOMOBILE COUNTRY SOUTH AFRICA 276853 25-01 NEERING | |
| DATE OF REGISTRATION TITLE PRIORITY PRIORITY NUMBER A2015/00692 DESIGN NUMBER CLASS 1)GOVERNMENT COLI AURANGABAD STATION ROAD, AUR STATE, INDIA DATE OF | ERCHANTS A DATE 23/04/2015 LEGE OF ENGL | 20/10/2015 UTOMOBILE COUNTRY SOUTH AFRICA 276853 25-01 NEERING | |
| DATE OF REGISTRATION TITLE PRIORITY PRIORITY NUMBER A2015/00692 DESIGN NUMBER CLASS 1)GOVERNMENT COL AURANGABAD | ERCHANTS A A DATE 23/04/2015 LEGE OF ENGI ANGABAD-4310 | 20/10/2015 UTOMOBILE COUNTRY SOUTH AFRICA 276853 25-01 NEERING 05,MAHARASHTRA | |

| DESIGN NUMBER | 277369 | |
|------------------------------|--|-----|
| CLASS | 07-02 | |
| THE COMPANIES ACT 1956, HAVI | NDIAN COMPANY, INCORPORATED UNDER NG ITS PRINCIPAL PLACE OF BUSINESS AT S, 135 BRIGADE ROAD, BANGALORE-560025, | ACA |
| DATE OF REGISTRATION | 06/11/2015 | |
| TITLE | COOKING PAN | |
| PRIORITY NA | | |