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पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

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

2ND AUGUST, 2013

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**THE PATENT OFFICE
KOLKATA, 02/08/2013**

Address of the Patent Offices/Jurisdictions

The following are addresses of all the Patent Offices located at different places having their Territorial Jurisdiction on a Zonal basis as shown below:-

| | |
|---|--|
| <p>1 Office of the Controller General of Patents, Designs & Trade Marks, Boudhik Sampada Bhavan, Near Antop Hill Post Office, S.M. Road, Antop Hill, Mumbai - 400 037</p> <p>Phone: (91)(22) 24123311, Fax : (91)(22) 24123322 E-mail: cgpdtm@nic.in</p> | <p>4 The Patent Office, Government of India, Intellectual Property Rights Building, G.S.T. Road, Guindy, Chennai - 600 032.</p> <p>Phone: (91)(44) 2250 2081-84 Fax : (91)(44) 2250 2066 E-mail: chennai-patent@nic.in</p> <p>❖ The States of Andhra Pradesh, Karnataka, Kerala, Tamil Nadu and the Union Territories of Puducherry and Lakshadweep.</p> |
| <p>2 The Patent Office, Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office, S.M. Road, Antop Hill, Mumbai - 400 037</p> <p>Phone: (91)(22) 24137701 Fax: (91)(22) 24130387 E-mail: mumbai-patent@nic.in</p> <p>❖ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli</p> | <p>5 The Patent Office (Head Office), Government of India, Boudhik Sampada Bhavan, CP-2, Sector -V, Salt Lake City, Kolkata- 700 091</p> <p>Phone: (91)(33) 2367 1943/44/45/46/87 Fax: (91)(33) 2367 1988 E-Mail: kolkata-patent@nic.in</p> <p>❖ Rest of India</p> |
| <p>3 The Patent Office, Government of India, Boudhik Sampada Bhavan, Plot No. 32., Sector-14, Dwarka, New Delhi - 110075</p> <p>Phone: (91)(11) 2808 1921 - 25 Fax: (91)(11) 2808 1920 & 2808 1940 E.mail: delhi-patent@nic.in</p> <p>❖ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttaranchal, Delhi and the Union Territory of Chandigarh.</p> | |

Website: www.ipindia.nic.in
www.patentoffice.nic.in

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 02/08/2013
कार्यालयों के क्षेत्राधिकार के पते
विभिन्न जगहों पर स्थित पेटेंट कार्यालय के पते आंचलिक आधार पर दर्शित उनके प्रादेशिक अधिकार क्षेत्र के साथ नीचे दिए गए हैं :-

| | |
|--|---|
| <p>1 कार्यालय: महानियंत्रक, एकस्व, अभिकल्प तथा व्यापार चिह्न, एनटॉप हिल डाकघर के समीप, एस. एम. रोड, एनटॉप हिल, मुम्बई -400 037, भारत. फोन: (91)(22) 24123311 फैक्स: (91)(22) 24123322 ई.मेल: cgpdtm@nic.in</p> | <p>4 पेटेंट कार्यालय चेन्नई, इंटेलेक्चुअल प्रोपर्टी राइट्स बिल्डिंग इंडस्ट्रियल इस्टेट एसआईडीसीओ आरएमडी गोडाउन एरिया एडजसेन्ट टु ईगल फ्लास्क जी.एस.टी. रोड, गायन्डी, चेन्नई - 600 032. फोन: (91)(44) 2250 2081-84 फैक्स: (91)(44) 2250-2066 ई.मेल: chennai-patent@nic.in ❖ आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षद्वीप</p> |
| <p>2 पेटेंट कार्यालय, भारत सरकार बौद्धिक संपदा भवन, एनटॉप हिल डाकघर के समीप, एस. एम. रोड, एनटॉप हिल, मुम्बई - 400 037, फोन: (91)(22) 2413 7701, फैक्स: (91)(22) 2413 0387 ई.मेल: mumbai-patent@nic.in ❖ गुजरात, महाराष्ट्र, मध्य प्रदेश, गोआ तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन तथा दीव, दादर और नगर हवेली.</p> | <p>5 पेटेंट कार्यालय कोलकाता (प्रधान कार्यालय), बौद्धिक संपदा भवन, सीपी-2, सेक्टर-V, साल्ट लेक सिटी, कोलकाता- 700 091, भारत. फोन: (91)(33) 2367 1943/44/45/46/87 फैक्स/Fax: (91)(33) 2367 1988 ई.मेल: kolkata-patent@nic.in ❖ भारत का अवशेष क्षेत्र</p> |
| <p>3 पेटेंट कार्यालय दिल्ली, बौद्धिक संपदा भवन, प्लॉट सं. 32, सेक्टर - 14, द्वारका, नई दिल्ली - 110 075. फोन: (91)(11) 2808 1921-25 फैक्स: (91)(11) 2808 1920, 2808 1940 ई.मेल: delhi-patent@nic.in ❖ हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान, उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य क्षेत्रों, एवं संघ शासित क्षेत्र चंडीगढ़</p> | |

वेबसाइट: <http://www.ipindia.nic.in>
www.patentoffice.nic.in

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

शुल्क: शुल्क या तो नकद 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 हैं ।

SPECIAL NOTICE

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

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

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

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

SPECIAL NOTICE

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

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

SPECIAL NOTICE

Every effort is being taken to publish all the patent applications under section 11(A) of the Patents Act. However, if duplication of publication of any application is found, then earlier date of publication will be taken for the purpose of provisional protection for applicant and Patent Office will grant Patent not before six months from the date of second publication, provided that there is 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:

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1766/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :14/06/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : COMPOSITION AND PRODUCTION OF POLYMER CONCRETE BASED ON SPECIFIC PET TO GLYCOL RATIO

| | | |
|---|-------|---|
| (51) International classification | :C04B | (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. |
| 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 consumption of cement at present in the construction industry has increased manifold as it is widely used in the production of concrete and mortar, which are the most common construction materials. This has therefore put an immense pressure on the cement industry and has led to environmental problems and ecological imbalances due to the extensive mining of limestone that has to be used in the production of cement. The engineers and scientists are therefore looking for alternative materials, which may ease the pressure on cement Industry. The production of polymer concrete (PC) using plastic waste is one such material, which besides being cost effective would also greatly solve the environmental problem arising from the disposal of plastic waste. It has a high degree of strength and durability, hardens rapidly and can be effectively used in various structural pre-cast applications such as drains for acid waste, underground vaults and junction boxes, sewer pipes, power line transmission poles, bridges etc. In the present invention, polymers concrete is produced using recycled polyethylene terephthalate (PET) obtained from waste soft drink and water bottles. The environmental catastrophe that erupted in the last few decades in the urban regions of India and spread into rural areas is primarily caused due to boom in the production of plastic products. 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 Municipal Solid Waste (MSW). Thus, an effort is being made herein to propose an effective solution of waste disposal by recycling these PET bottles to produce the unsaturated polyester resin, which can be used as a binder in the production of polymer concrete. The recycled PET plastic waste obtained from MSW is depolymerized through glycolysis having PET to glycol ratio of 1:1 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 1: 1. The initiator promoter combinations taken were Benzoin per oxide (BPO) and N, N-diethyl aniline (NNDA) in set number one while Methyl ethyl ketone per oxide (MEKP) and cobalt naphthanate (CoNp) were used in second set. The present invention therefore envisages the production of low cost polyester resin from the recycled PET bottles, thereby ensuring the development of alternative cementitious material in place of cement. The large-scale use of recycled PET, will not only help in conserving the ecological balance, and solve some of the solid waste problems and save energy, but also it will open up opportunities for the chemical industry for producing unsaturated polyester resin based on PET. The use of resin based on recycled PET has cost effective applications for the masses and especially for the construction industry as lighter members and less curing time reduces the cost of construction. 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 modulus of rupture and bond strength of polymer concrete produced with MEKP as initiator was more than that of polymer concrete produced with BPO as initiator

No. of Pages : 12 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1767/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :14/06/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : USER AUTHENTICATION BASED ON TIMED TAPPING

| | | |
|---|-------|---|
| (51) International classification | :G06F | (71) Name of Applicant : |
| (31) Priority Document No | :NA | 1)MOHAMMAD SAROSH UMAR |
| (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. |
| Filing Date | :NA | (72) Name of Inventor : |
| (87) International Publication No | : NA | 1)MOHAMMAD SAROSH UMAR |
| (61) Patent of Addition to Application Number | :NA | 2)M. QASIM RAFIQ |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

User Authentication is of prime importance in present day world. A number of user authentication methods exist which are based either on prior knowledge password or PIN; or token / smart card; or biometrics. The importance of graphical passwords has significantly increased in the recent times as these passwords are secure as well as usable. The conventional text based passwords suffer from numerous drawbacks, as being legacy system, they have been around for almost six decades in the computer world and thus methods exist that help in cracking the same. The graphical password schemes that have been proposed in the last few years, though robust and strong, seriously suffer from the threats of shoulder surfing. Thus application of these graphical schemes for user authentication at systems installed at public places such as ATMs, cyber cafes, roadside kiosks is highly risky. In this invention we have proposed a graphical method of authentication that exploits the advantages of graphical passwords such as usability, memorability and at the same time greatly reduces the problem of shoulder surfing and prying eyes and offers large password space. It is based on the human ability to remember and recall pictures as well as musical notes, tunes, beats or rhythm with ease. The scheme can be easily incorporated in the existing machines using touch screens or keypads such as ATMs, mobile phones, Access control, computers, tablets etc. without any modifications to the hardware.

No. of Pages : 11 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1329/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :03/05/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : MANUALLY-OPERATED SAUSAGE FILLER

| | | |
|---|---------------|--|
| (51) International classification | :A22C 5/00 | (71) Name of Applicant : 1)BHAT ZUHAIB FAYAZ Address of Applicant :SHER-E-KASHMIR UNIVERSITY OF AGRICULTURAL SCIENCES AND TECHNOLOGY OF JAMMU, SENIOR SCIENTISTS QUARTER, REDIDENTIAL COMPLEX, UDHAYWALLA CAMPUS, JAMMU, 180002. Jammu & Kashmir India |
| (31) Priority Document No | :NA | |
| (32) Priority Date | :NA | |
| (33) Name of priority country | :NA | |
| (86) International Application No | :NA | |
| Filing Date | :NA | |
| (87) International Publication No | : NA | (72) Name of Inventor : |
| (61) Patent of Addition to Application Number | :NA | 1)BHAT ZUHAIB FAYAZ |
| Filing Date | :NA | 2)KUMAR SUNIL |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A manually operated sausage-filler is disclosed comprising a hollow cylinder (1) with a nozzle (4) at blind-end (2) and a piston at open-end (3) thereof. The piston comprises a shaft (7) with a circular disc (6) at one-end and an L-shaped handle (8) at other-end thereof, the circular disc being adapted to move into and out of the cylinder by clockwise and anticlockwise movement of the L-shaped handle, respectively. The meat emulsion filled into the hollow cylinder is stuffed into the casings (23) through open-end of nozzle (4) by clockwise movement of the L-shaped handle that pushes the circular disc into the cylinder.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1930/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :28/06/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : RECOVERY OF KINETIC ENERGY FROM HIGH INERTIA STRANDING CONDUCTOR MANUFACTURING PLANT

(51) International classification

:B06B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)ANURADHA TOMAR

Address of Applicant :FLAT NO. 405, VIJAYEE VEER
AWAS, SECTOR-18A, DWARKA, NEW DELHI - 110075.
INDIA

(72)Name of Inventor :

1)ANURADHA TOMAR

2)YOG RAJ SOOD

(57) Abstract :

In conventional stranding conductor formation, there is a single motor driven common shaft attached to multi gears boxes which are attached to all cages individually giving limited speeds. There is wastage of huge energy through gearboxes, motors and pneumatic brakes. The rotational kinetic energy stored is also wasted as heat. The noise is dominant. The idea for recovery of energy was conceived in two folds; one as noiseless system and second getting rid of all those elements which are having energy pockets and we need to free them. The invention includes development of a system design (Figure 1); aiming recovery of kinetic energy getting stored by rotational moment of inertia($1/2 IW^2$).We designed specific configuration of elements like AEF(1),Passive combinational LCL filter(2), AEF (3), Common DC Bus(4),Charging circuit(5),Variable frequency drives all connected to drives(6),PLC(7),HMI (8),Special software(9) and various electrical circuit scheme(10) etc. all these are designed as a part of our specific system which became successful venture to save substantial energy and reduced the energy spent for given length of conductor produced. The scheme was evaluated for presence of various harmonics and finally there mitigation was assessed by bar graphs. The recovery of energy was measured and then concluded as recovery quality power which was fed back to utility supply network.

No. of Pages : 15 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1200/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 02/08/2013

(54) Title of the invention : EXTENDABLE STAPLER

| | | |
|---|-------|---|
| (51) International classification | :B25C | (71) Name of Applicant : |
| (31) Priority Document No | :NA | 1)VIJAY GAUTAM |
| (32) Priority Date | :NA | Address of Applicant :MECH. ENGG. DEPTT., D.I.U., |
| (33) Name of priority country | :NA | BAWANA ROAD, DELHI-110042 (INDIA). |
| (86) International Application No | :NA | 2)ANUJ |
| Filing Date | :NA | (72) Name of Inventor : |
| (87) International Publication No | : NA | 1)VIJAY GAUTAM |
| (61) Patent of Addition to Application Number | :NA | 2)ANUJ |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

This is an improved design of stapler that can be extended and staple in two or more positions. The stapler can be folded into a palm size, easy to carry and when needed it can be unfolded in 2 or more different positions so as to reach at particular place as it is required at many occasions when the staple position is away from the edge. Its folded and unfolded form makes it unique for daily use. With the slotted extensions provided at the top and bottom lever arms, which is needed to move manually on the split type guide bars having two cantilever type spring arms to fit in the slot as per the desired extension. This designed stapler is innovative and improved form of conventional stapler. It is designed with two additional guide arms [18] and [20] split-end type, which enables the design to extend to a required length so as to cover a large area on a paper. It comprises slidable tW9 slotted trays[1],[10] with two or more slots and slide .on top and bottom guides[18],[20] having two split arms [15],[22] made to act as spring to fit in the slot of slotted trays[2],[13]. The magazine cache[6] containing the staples and push rod, is hinge jointed[8] with the top slotted tray so that it slides along with the top slotted tray[1]. Stapling punch[4] is integral part of the slotted arm. The top and bottom guides[J.8), [20] are also hinge jointed[6] to allow the movement in one plane only. Rest of the parts are conventional. A lock provision[23],[24] is designed to restrict the movement of top and bottom slotted tray out of the guides.

No. of Pages : 8 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1722/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : PROJECTED LIP AS A SCOUR PROTECTION DEVICE FOR BRIDGE ABUTMENTS

| | | |
|---|-------|--|
| (51) International classification | :E02B | (71) Name of Applicant : |
| (31) Priority Document No | :NA | 1)DR. BALDEV SETIA |
| (32) Priority Date | :NA | Address of Applicant :PROFESSOR, CIVIL |
| (33) Name of priority country | :NA | ENGINEERING DEPARTMENT NATIONAL INSTITUTE |
| (86) International Application No | :NA | OF TECHNOLOGY, KURUKSHETRA-136119 HARYANA, |
| Filing Date | :NA | INDIA |
| (87) International Publication No | : NA | 2)ER. UPAIN KUMAR BHATIA |
| (61) Patent of Addition to Application Number | :NA | (72) Name of Inventor : |
| Filing Date | :NA | 1)DR. BALDEV SETIA |
| (62) Divisional to Application Number | :NA | 2)ER. UPAIN KUMAR BHATIA |
| Filing Date | :NA | |

(57) Abstract :

The invention relates to a device and a method of preventing local scour around a bridge abutment and protecting the abutment from possible failure due to local scour. The device named projected lip is a thin vertical sheet wall made of reinforced cement concrete or any corrosion proofmaterial of equivalent strength and is provided at the upstream corner of a vertical wall abutment. The device is sufficiently embedded into the river bed with a projection of 1.00 to 1.5 times the length of abutment (average 1.25L) and height above the bed as 0.5L offers a protection of 79.65% against local scour around the abutment. The device in its improvised form as a triangular projected lip with visible projection of 3L at the bed and its top edge rising at an angle of 10° from upstream towards the abutment, offers scour protection of the order of 76%. The protection offered by the disclosed invention is with reference to the depth of local scour around an unprotected abutment.

No. of Pages : 11 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.185/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :27/01/2011

(43) Publication Date : 02/08/2013

(54) Title of the invention : A NOVEL USER-FRIENDLY DESIGN OF ELECTRIC SWITCHES AND SOCKETS

| | | |
|---|-------|---|
| (51) International classification | :H01H | (71) Name of Applicant : |
| (31) Priority Document No | :NA | 1)RAGINEE JHA |
| (32) Priority Date | :NA | Address of Applicant :D/O MR V.K.JHA, Q NO. 654(CD) |
| (33) Name of priority country | :NA | PLANT DEPOT, COLONY, MUGAL SARAI, CHANDAUJI |
| (86) International Application No | :NA | Uttar Pradesh India |
| Filing Date | :NA | 2)SHUBHI THAKURIA |
| (87) International Publication No | :NA | (72) Name of Inventor : |
| (61) Patent of Addition to Application Number | :NA | 1)RAGINEE JHA |
| Filing Date | :NA | 2)SHUBHI THAKURIA |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

This is patent claim of design. A novel design of electric switches and sockets with more user friendly features is proposed. We design electric switches and sockets with the inscriptions of the indicators in Braille on them making these electric switches and sockets user-friendly for visually impaired (blind people). Also, in this design electric switches are made of fluorescent material making these switches visible in the night time. Yet another novel feature of this design includes colour coding of electric switches which makes them easily identifiable irrespective of place of application and geographical location of the place.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1715/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHOD AND SYSTEM FOR NON-INTERACTIVE, DYNAMIC AND SECURE GROUP COMMUNICATION

| | | |
|---|-------|---|
| (51) International classification | :H04L | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)CENTRE FOR DEVELOPMENT OF ADVANCED |
| (32) Priority Date | :NA | COMPUTING |
| (33) Name of priority country | :NA | Address of Applicant :C-56/1, SECTOR-62, NOIDA- |
| (86) International Application No | :NA | 201307, UTTAR PRADESH (INDIA) |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)PAL, OM |
| (61) Patent of Addition to Application Number | :NA | 2)KUMAR, VINOD |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A method and system is provided for non-interactive secure group communication among a dynamic group of nodes. Method of the present invention includes enabling a node to create a group key in run time using its secret share, a random number, and network identities of recipient nodes, wherein the secret share is generated based on elliptic curve cryptography. Method and system of the present disclosure further include encrypting/decrypting a message using the group key. Method and system of the present disclosure further provides for addition and deletion of a node from a group and provides full forward and back secrecy.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1705/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : A SANDWICH PROCESS OF GOLD (ALLOYED) SILVER (ALLOYED) BONDING.

(51) International classification

:C22C

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)PRAMOD KUMAR AGARWAL

Address of Applicant :C41- LAJPAT MARG, C-SCHEME,
JAIPUR RAJASTHAN India

(72)Name of Inventor :

1)PRAMOD KUMAR AGARWAL

2)YOGENDRA GARG

(57) Abstract :

This invention relates to A process of Gold (Alloyed) - Silver (Alloyed) Bonding comprising the steps of: a) casting continuously to get a strip of both gold and silver; and rolling of both gold and silver strip to desired dimensions in order to achieve the required percentage of gold and silver; placing thick silver strip between two gold strips so as to obtained sandwich form; wrapping sandwich in iron strip and clamping between iron plates; putting the clamped assembly in furnace; fed the sandwich at pressure for some time; removing iron plate and sheet; rolling down resulting bonded strip to desired thickness or annealing after each 1mm reduction.

No. of Pages : 12 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1749/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : SYSTEM FOR IDENTIFICATION OF LOCATION AND ACT OF LOADING/UNLOADING BY VEHICLES WITHOUT PRIOR DEMARCATION OF ALL SUCH LOCATIONS

| | | |
|---|-------|--|
| (51) International classification | :G05D | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)RAJEEV SINGH |
| (32) Priority Date | :NA | Address of Applicant :C-93, SECTOR 2, NOIDA, 201301, |
| (33) Name of priority country | :NA | Uttar Pradesh India |
| (86) International Application No | :NA | 2)ADITYA GUPTA |
| Filing Date | :NA | 3)DEVENDRA SINGH |
| (87) International Publication No | : NA | (72)Name of Inventor : |
| (61) Patent of Addition to Application Number | :NA | 1)RAJEEV SINGH |
| Filing Date | :NA | 2)ADITYA GUPTA |
| (62) Divisional to Application Number | :NA | 3)DEVENDRA SINGH |
| Filing Date | :NA | |

(57) Abstract :

The present subject matter relates to asystem for detecting loading, unloading, monitoring the duration spent while loading/unloading or travel of a vehicle, comprising without prior knowing of such loading/unloading locations:a location detector for detecting the vehicles location; processing devices which receive information detected by sensors via communication modules; and a controller to control the frequency of the data exchanged, to accurately examine the sequential geographical location and then using change in movement direction to detect loading/unloading locations, and thus the waiting period of vehicles.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1811/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : SECONDARY PACKAGING SYSTEM

(51) International classification

:B65B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)AKASH PACK TECH PVT. LTD.

Address of Applicant :PLOT NO. 89, HSIDC, SECTOR-59,
HSIDC INDUSTRIAL ESTATE, FARDABAD-121004
Haryana India

(72)Name of Inventor :

1)SINGH PRATAP

(57) Abstract :

A secondary packaging system (104) is described herein. In an embodiment, the secondary packaging system (104) includes a rotary table (200) having a plurality of chutes (204) each for positioning a secondary packaging container to receive a plurality of packaging containers from a primary packaging system (102). Each chute (204) is provided with a secondary packaging container holder (208) to hold the secondary packaging container. Further, the rotary table (200) is fixedly mounted on a central shaft (202) and rotatable about a central axis. The secondary packaging system (104) further includes a rotary table actuator (206) coupled to the central shaft (202) of the rotary table (200) to rotate the rotary table (200). In addition, the secondary packaging system (104) includes a controller operably coupled to the rotary table actuator (206) to control an operation of the rotary table actuator (206) for regulating rotation of the rotary table (200).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2000/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :28/06/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : CONVERSION OF HEAT ENERGY TO ELECTRIC ENERGY FROM EXHAUST OF A VEHICLE

(51) International classification :H01L35/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AMIT RAJAGOPALAN
Address of Applicant :78B, POCKET-6, MIG FLATS,
MAYUR VIHAR, PHASE-3, DELHI 96 India
(72)**Name of Inventor :**
1)AMIT RAJAGOPALAN

(57) Abstract :

The vehicle such as car, scooter, bike, etc emits waste heat from the Exhaust system. This waste heat is nowhere used. So in my invention the waste heat will be used and will be converted into electrical energy. The waste heat which ranges from (100-200) C will be converted to useful electrical energy using PELTIER CELLS. These Peltier cell that will produce the electrical energy will be used to store in the battery of the vehicle that will lead to longlife of the battery and moreover if the voltage is too high we could make a hybrid 2-Wheeler.that will run on fuel as well as battery. The peltier cell has large thermal expansion. When the module is running and cycling over large temperature range,it produces the electricity. The more the temperature difference the more will be the amount of electricity produce The power module is designed for converting heat source directly into electricity. The module is Bi-Te based thermoelectric module that can work at the temperature of as high as 330°C heat source continuously and up-to 400°C intermittently. The thermoelectric module will generate DC electricity as long as there is a temperature difference across the module. The more power will be generated when the temperature difference across the module becomes larger, and the efficiency of converting heat energy into electricity will increase therefore.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5547/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/06/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : BREWED BEVERAGE APPLIANCE AND METHOD

(51) International classification :A47J31/42
(31) Priority Document No :13/230954
(32) Priority Date :13/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/044286
Filing Date :27/06/2012
(87) International Publication No :WO 2013/039591
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)CONAIR CORPORATION

Address of Applicant :One Cummings Point Road Stamford
Connecticut 06902 U.S.A.

(72)Name of Inventor :

1)LAI Kin Man

2)FUNG Kam Fai

3)SCHNABEL Barbara Lynn

4)ORENT Jill Frances Kreutzer

(57) Abstract :

A beverage assembly includes a housing having a liquid reservoir an inlet portion formed in the housing a beverage container configured to be removably accommodated within the inlet portion and having a fracturable seal and containing a beverage ingredient of a first size a grinding mechanism positioned within the housing and in fluid communication with the inlet portion and a piercing assembly positioned within the housing wherein the piercing assembly selectively pierces the fracturable seal thereby causing said beverage ingredient to enter the grinding mechanism. The grinding mechanism selectively transforms the beverage ingredient from the first size to a second size the second size being smaller than the first size. The beverage assembly further includes a brewing area disposed beneath the grinding assembly and configured to removably accommodate the beverage container after the beverage container has been pierced by the piercing assembly.

No. of Pages : 70 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1752/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 02/08/2013

(54) Title of the invention : EASEDROP : AN INSTRUMENT OF EYE DROP INSTILLATION

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SAGAR TIWARI

Address of Applicant :C-7, GOVIND PURI, SODALA,
JAIPUR RAJASTHAN-302019, Rajasthan India

2)MAYANK PARNAMI

(72)Name of Inventor :

1)SAGAR TIWARI

2)MAYANK PARNAMI

(57) Abstract :

This is patent claim of an eye-drop instillation instrument useful for the patients of eye ailments. This instrument is hygienically safe, would save time, minimize the risk involved, and can be efficiently used without any external help. The instrument under this claim is compatible with almost all the eye drops tested in the market and also manufacturers can design the shape and contents in synchronization with this instrument. It can be equipped with variable spikes in order to suit all the users. It is a light weight device that can help user in using eye medicine using instruments double ring mechanism. This instrument is supported on rigid frame of glasses making it stable for use. Instrument can be used by elders, youngsters with tremors in hands or anyone for whom eye medicine dripping is difficult.

No. of Pages : 11 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1933/DEL/2012 A

(19) INDIA

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

(43) Publication Date : 02/08/2013

(54) Title of the invention : LAMINATED PACKAGING

(51) International classification

:B65B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Akash Pack Tech Pvt. Ltd.

Address of Applicant :Plot No. 89 HSIDC Sector-59

HSIDC Industrial Estate Faridabad-121 004 Haryana India

(72)Name of Inventor :

1)Singh Pratap

(57) Abstract :

A packaging machine (100) is described herein. In an embodiment, the packaging machine includes an unwinding unit (102) mounted on a frame of the packaging machine (100) for feeding laminate web to the packaging machine (100). The unwinding unit (102) includes a web mounting spool (200) for mounting a roll of the laminate web. The unwinding unit (102) also includes a puller assembly (300) for pulling the laminate web for unwinding the laminate web from the web mounting spool (200). The puller assembly (300) pulls the laminate web to actuate the web mounting spool (200) for unwinding the laminate web. In addition, the unwinding unit includes a splicing unit (202) to maintain a predetermined tension in the unwound laminate web. Further, the unwinding unit (102) includes a controller to regulate at least the puller assembly (300) and the splicing unit (202) to unwind the laminate web.

No. of Pages : 35 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1845/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :24/06/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : AUTOMATIC PADDY PLANTATION MACHINE.

| | | |
|---|------------|---|
| (51) International classification | :A01B33/00 | (71) Name of Applicant : |
| (31) Priority Document No | :NA | 1)SHAIENDRA SINGH |
| (32) Priority Date | :NA | Address of Applicant :V.P.O. TAKIPUR DISTT. |
| (33) Name of priority country | :NA | ALIGARH, PIN-202141 Uttar Pradesh India |
| (86) International Application No | :NA | (72) Name of Inventor : |
| Filing Date | :NA | 1)SHAIENDRA SINGH |
| (87) International Publication No | : NA | 2)SHYAMVIR SINGH |
| (61) Patent of Addition to Application Number | :NA | 3)VEDPRAKAS |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

This invention is a machine paddy Plantation Automatically. There has been critical demand for mechanization of the paddy plantation process ,for better plantation and efficiency in paddy plantation . The highest amount of labor exists and lost of labor is also in hand paddy plantation process. This invention is an attempt to reduce labor and the short time complete the work and reduce lost of paddy plantation .fig... No 1& 2 . Many other machines which are primary used for plants seeding one place so he not success in India . Our machine take one by one plants and seeding one place one plantation. Breath 8th and length 10th Plantation in the Field Daily 2/3 acre per day with two labor completion the field.

No. of Pages : 20 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2110/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :24/07/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : A PRODUCT COMPRISING PROCESSES, METHODOLOGIES AND SYSTEMS TO GENERATE TRADABLE OPTIONS REPRESENTING ANY AMOUNT OF UNSPECIFIED BUILT-UP AREA DELINKED TO ANY SALEABLE UNIT ENABLING PURCHASE OR LEASE OF ANY REALITY UNIT IN A REALITY PROJECT OR PROPERTY IN FUTURE WITH HEDGE BENEFITS, LIQUIDITY, SAFETY NETS & EASY EXIT AND GENERATE TRADABLE REALITY DERIVATIVE PRODUCTS, SUPPORTED BY A TRANSACTION PLATFORM.

| | | |
|---|------------|---|
| (51) International classification | :G06F17/60 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)JAYANT PURUSHOTTAM TIDKE |
| (32) Priority Date | :NA | Address of Applicant :8, NANDANVAN, 4TH RD.TPS-3, |
| (33) Name of priority country | :NA | SANTACRUZ-E, MUMBAI - 400055 Maharashtra India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)JAYANT PURUSHOTTAM TIDKE |
| (87) International Publication No | :N/A | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Freely tradable realty option products named as TROT Products are invested by adoption of certain methodologies and processes for structuring of the product as per requirement of each of a realty project or that of a property. The TROT are universal in its application through the unique categorization method so that all types of properties and projects can be easily covered: Every product shall have a unique identification number. Various structuring considerations and validations are devised to ensure safety of the interest of holders of the product and to provide free and effective tradability of the same. An internet based trading platform with payment or settlement mechanism is developed to perform any transaction relating to the product and the properties associated to it. The internet based trading platform allows global operations with cross currency transactions and functions as a virtual realty exchange. The unique product and the methodology results into another products being TROT Derivative Products again to be dealt through the same internet based trading platform. To ensure easy and any-time liquidity, a new product is developed viz. TROT Cards. It holds data or access to the data of the ownership of various TROT products owned by its holder and its current valuation. It functions as a credit or debit card but with certain unique features that allows automatic sale of the TROT products held by the card holder to meet any shortfall in cash requirement to meet any merchandising transaction.

No. of Pages : 61 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1670/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :07/06/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : AN IMPROVED HEAT COLLECTION ELEMENT FOR LINEAR COLLECTOR

| | | |
|---|------------------------|---|
| (51) International classification | :F24J2/10, F24J2/42 | (71) Name of Applicant : 1)PAREKH, SHARAD BHUPENDRABHAI Address of Applicant :6/POPULAR PARK, NEAR CHOTALAL'S CHAL, ODHAV, AHMEDABAD, Gujarat India |
| (31) Priority Document No | :NA | |
| (32) Priority Date | :NA | |
| (33) Name of priority country | :NA | |
| (86) International Application No | :NA | (72) Name of Inventor : |
| Filing Date | :NA | 1)PAREKH, SHARAD BHUPENDRABHAI |
| (87) International Publication No | :N/A | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention provides improved Heat Collection Element (1) for Linear Solar Collector for temperature range 50°C-350°C. It comprises of Helical Coil (4) with spaced pitch of its helical turns on ends providing Expansion Compensating Mechanism (5); Glass Cover (6) to avoid thermal losses; Space between said Helical Coil (4) and said Glass Cover (6) filled with heat conductive gases; End Covers (2a and 3a) to close said Glass Cover (6); End Seals (2d and 3d) to avoid leakage of gases; Connection Hose (2h and 3h) for ingress and egress of Heat Transfer Fluid; secondary reflector (8) for reflecting back the rays that bypasses Helical Coil (4); Clipping Arrangement (9) for fixing said Secondary Reflector (8) on said Glass cover (6); Joining Piece (12) to facilitate interconnection of two units of said Heat Collection Element (1) when arranged in plurality in series; and mounting arrangement (13) to mount said series at site.

No. of Pages : 50 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1979/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : A LOW SPEED ALTERNATOR

(51) International classification :H02K57/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :903 Jasmin building, Mithanagar,
Kondwa, Pune -411048 Maharashtra India
(72)**Name of Inventor :**
1)Tindaliyawala Shabbir
2)Trambake Maruti Ravindra

(57) Abstract :

A radial flux permanent magnet alternator adapted to provide high output voltage and current at relatively low rotary speed is disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2450/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :23/07/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : AN IMPROVED METHOD FOR BENZIMIDAZOLE SYNTHESIS FROM 2-HALOANILINE, DIHALOMETHANE AND SODIUM AZIDE IN PRESENCE OF COPPER COMPLEX CATALYST

| | |
|---|-------------|
| (51) International classification | :C07D403/04 |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)Name of Applicant :

1)BHANAGE BHALCHANDRA MAHADEO

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PAREKH MARG, MATUNGA (EAST), MUMBAI- 400 019
MAHARASHTRA, INDIA

(72)Name of Inventor :

1)LANKE SATISH ROHIDAS

2)BHANAGE BHALCHANDRA MAHADEO

(57) Abstract :

Present invention gives an improved method for the synthesis of benzimidazole using sodium azide and dihalomethane. This invention reports highly efficient one step, three component process for the synthesis of benzimidazole from 2-haloanilines, dihalomethane and sodium azide in presence of copper complex. The Copper salt was used as a catalyst which binds with nitrogen donating bidentate ligand, at 100-150°C for 12-36 h and in the presence of dimethyl sulphoxide as a solvent. The process uses dihalomethane as a novel source of carbon and sodium azide as a source of nitrogen elements. The process is novel as it uses first time dihalomethane as a carbon source for the benzimidazole synthesis. This method gives 50-80% yield of corresponding benzimidazoles with different carbon sources.

No. of Pages : 9 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.191/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :21/01/2011

(43) Publication Date : 02/08/2013

(54) Title of the invention : A SYSTEM FOR FLUID HEATING INTEGRATED WITH VAPOUR COMPRESSION SYSTEM

| | |
|---|--|
| (51) International classification :F24H4/00,F25B19/00 | (71) Name of Applicant : 1)AMIT GADKARI Address of Applicant :RL 66 MILAP NAGAR, MIDC, DOMBIVLI 421 203, MAHARASHTRA, INDIA |
| (31) Priority Document No :NA | (72) Name of Inventor : 1)AMIT GADKARI |
| (32) Priority Date :NA | |
| (33) Name of priority country :NA | |
| (86) International Application No :NA | |
| Filing Date :NA | |
| (87) International Publication No : NA | |
| (61) Patent of Addition to Application Number :NA | |
| Filing Date :NA | |
| (62) Divisional to Application Number :NA | |
| Filing Date :NA | |

(57) Abstract :

The present invention relates to an energy efficient system that facilitates air cooling and /or heating, water heating along with air cooling without compromising the operation flexibility. The present invention provides an energy efficient system that can be integrated / added in the vapour compression system so as to utilize refrigerant charge effectively, enhancing system capacity, obviate the use of large receiver yet achieving substantially higher utility / water temperature and enabling flexibility in operation in terms of using the system when fluid /water is available/needed in lower quantity and/or higher temperature. The synergistic combination of heat exchangers to extract super heat and / or latent heat from the refrigerant so as to sub-cool the same substantially close to wet bulb temperature enables enhancement of condenser capacity at substantially higher vapour compression system efficiency when responding to substantially higher load conditions with air condenser operational.

No. of Pages : 34 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2075/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :19/06/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : IMPROVE EFFICIENCY OF CONDENSING STEAM TURBINE WITHOUT EXTRACTIONS BY THE USE OF BACK PRESSURE TURBINE AND FEED HEATERS

| | | |
|---|------------|--|
| (51) International classification | :F01K17/00 | (71) Name of Applicant : |
| (31) Priority Document No | :NA | 1)Nishith Dayal |
| (32) Priority Date | :NA | Address of Applicant :D-1-2, Nand Niketan, Essar |
| (33) Name of priority country | :NA | Township Hazira, Surat Gujarat India |
| (86) International Application No | :NA | 2)Essar Power Ltd |
| Filing Date | :NA | (72) Name of Inventor : |
| (87) International Publication No | : NA | 1)Nishith Dayal |
| (61) Patent of Addition to Application Number | :NA | 2)Essar Power Ltd |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

This invention proposes to use a back pressure turbine with multiple extractions to reheat the condensate from a condensing turbine without steam extractions, to improve the cycle efficiency after repowering with a coal fired boiler. In a combined cycle power plant a Gas Turbine Generator generates electricity and the waste heat of Gas Turbine exhaust is used to produce steam in Heat Recovery Steam Generator. The steam in turn drives a Steam Turbine Generator which generates additional electricity. Unlike coal fired power plants, steam turbines for combined cycle power plant generally do not have provision of any extraction for regenerative feed heating. The efficiency of such a turbine when used with a coal fired boiler would be very low as compared to a turbine having extractions for feed heating. Use of a Back pressure turbine with multiple extractions for feed heating will solve this problem.

No. of Pages : 16 No. of Claims : 1

(54) Title of the invention : A METHOD OF PREPARATION OF ZNO NANOPARTICLES BY CO-PRECIPITATION METHOD USING BLACK TIGER PRAWNS (PENAEUS MONODON) EXTRACT

| | | |
|---|--------------------------------------|---|
| (51) International classification | :C01G9/02, C12N9/00, B82Y30/00 | (71)Name of Applicant : 1)DR RAJESH CHANDRAKANT PATIL Address of Applicant :BHAVAN'S COLLEGE, ANDHERI (WEST), MUMBAI 400058, MAHARASHTRA, INDIA |
| (31) Priority Document No | :NA | (72)Name of Inventor : |
| (32) Priority Date | :NA | 1)DR RAJESH C PATIL |
| (33) Name of priority country | :NA | 2)DHANASHREE TALEKAR |
| (86) International Application No | :NA | 3)DR SHANTAJ MULCHAND DESHBHRATAR |
| Filing Date | :NA | 4)DR ANITA S JADHAV |
| (87) International Publication No | : NA | 5)DR MANISHA N KULKARNI |
| (61) Patent of Addition to Application Number | :NA | 6)DR A S KULKARNI |
| Filing Date | :NA | 7)PROF ATHOIBA SINGH ELANGBAM |
| (62) Divisional to Application Number | :NA | 8)MS ARCHANA SAMBHAJIRAO INJAL |
| Filing Date | :NA | |

(57) Abstract :

In one of the aspect of the invention it is provided that the process for preparing Nanoparticles from ZnO is provided, the process involves co-precipitation method. 0.02 M aqueous solution of zinc acetate di-hydrate is put into 100 ml of distilled water under vigorous stirring. After 10 min stirring, 3mL-5ml of extract prepared from the prawn is added the above solution. After addition of extract, 2.0 M aqueous sodium hydroxide solution is introduced into the above aqueous solution drop wise, resulting in a white aqueous solution at pH 12, which is then placed on magnetic stirrer for 2 hr. The precipitate is then taken out and washed repeatedly with distilled water followed by ethanol to remove the impurities for the final products. Then a white powder is obtained after drying at 60 °C in vacuum oven overnight. In an another aspect of the invention Characterization of ZnO is done by Transmission electron microscopy (TEM) and Scanning electron microscopy (SEM) and UV-Vis Spectrophotometer. Further, the ZnO nanoparticles prepared are studied for the Antibacterial activity of synthesized Zn Materials used for antimicrobial activity of zinc oxide nanoparticles are Nutrient agar slants, petriplates, Cork borer, zinc oxide nanoparticle sample, Salmonella typhi, salmonella paratyphi A and Salmonella paratyphi B. Agar diffusion method used for antimicrobial activity of zinc oxide nanoparticles.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.36/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :05/01/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : AN AUTOMATIC SUGARCANE HARVESTER

(51) International classification :A01D45/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Chavda Rajubhai Ranchhodbhai
Address of Applicant :Rampara Nr. Old Swaminarayan
Temple Ta. Wadhwan Dist. Surendranagar - 363435 Gujarat
India
(72)**Name of Inventor :**
1)Chavda Rajubhai Ranchhodbhai

(57) Abstract :

The present invention relates to hydraulic, front wheel steering drive compact automatic sugarcane harvester that improves time and yield against the manual harvesting practices. The sugarcane harvester consists of an engine to transmit power to hydraulic system in order to perform different operations for harvesting such as cutting, chopping and carrying the chopped sugarcane to eventually discharge billets of sugarcane stalks in the form of billets.

No. of Pages : 16 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1543/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :21/05/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHOD FOR PIPELINE TRANSPORTATION OF FUELS

| | | |
|---|------------------------|--|
| (51) International classification | :F17D1/14, F17D1/17 | (71) Name of Applicant : 1)HINDUSTAN PETROLEUM CORPORATION LTD. Address of Applicant :PETROLEUM HOUSE, 17, JAMSHEDJI TATA ROAD, MUMBAI - 400 020, MAHARASHTRA, INDIA |
| (31) Priority Document No | :NA | (72) Name of Inventor : |
| (32) Priority Date | :NA | 1)NAMDEO BALRAJ KISHORE |
| (33) Name of priority country | :NA | 2)CHITHUR KRISHNASWAMY SRINIVASAN |
| (86) International Application No | :NA | 3)JAYANTI PRASAD |
| Filing Date | :NA | 4)KOSHATWAR RAVINDRA KUMAR |
| (87) International Publication No | : NA | 5)SOLANKI DHARMENDRA |
| (61) Patent of Addition to Application Number | :NA | 6)SUBRAMANIAN RAMAKRISHNAN |
| Filing Date | :NA | 7)CHERUVU RAMANAMURTHY VENKATA |
| (62) Divisional to Application Number | :NA | 8)NIMJE JAGDISH |
| Filing Date | :NA | 9)MEENA RAJ KUMAR |

(57) Abstract :

The present disclosure discloses a method of pipeline transportation of plurality refinery products from a delivery terminal to a receiving terminal via a pipeline. Alternate measured batches of the condensates (102) and the plugging fluid (100) are pumped into the pipeline so as to be sequentially conveyed from the delivery terminal to the receiving terminal. In the process of pumping and conveying the measured batches of the condensates (102) and the plugging fluid (100), at least one intermixed fluid is formed between each of the measured batches of the condensate (102) and said plugging fluid (100). The plugging fluid (100) helps in minimizing the batch intermixed fluid formed between the condensate (102) and the plugging fluid (100).

No. of Pages : 16 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2427/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 02/08/2013

(54) Title of the invention : PROFILED COLOR COATED METAL SHEET AND PROCESS FOR MAKING THE SAME.

| | | |
|---|------------|--|
| (51) International classification | :B21D35/00 | (71) Name of Applicant : |
| (31) Priority Document No | :NA | 1)INDIAN STEEL CORPORATION LTD. |
| (32) Priority Date | :NA | Address of Applicant :SURVEY NO. 370, NEAR |
| (33) Name of priority country | :NA | BHIMASAR RAILWAY CROSSING, NATIONAL |
| (86) International Application No | :NA | HIGHWAY 8A, VILLAGE- BHIMASAR, TA. ANJAR, |
| Filing Date | :NA | KUTCH - 370110 Gujarat India |
| (87) International Publication No | : NA | (72) Name of Inventor : |
| (61) Patent of Addition to Application Number | :NA | 1)KULKARNI, S D |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A process for making profiled color coated metal sheet comprising the steps of loading colour coated coil on hydraulically operated uncoiler and passing coil through profiling unit. The open end of the coil is brought under the first set of rollers and the coil automatically moves through various sets of rollers till the sheet takes the desire shape with the help of pinch rollers. The metal sheet is cut in required length. A profiled metal sheet formed by process as claimed in claim 1 wherein the said profiled metal sheet is having width 1200 mm and can withstand wind velocity of 180 km/hr.

No. of Pages : 14 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.894/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :25/03/2011

(43) Publication Date : 02/08/2013

(54) Title of the invention : ENERGY EFFICIENT DRYING SYSTEM

| | | |
|--|--------------------|--|
| (51) International classification | :F26B5/00,F26B7/00 | (71) Name of Applicant : 1)VIJAY APPA KASAR Address of Applicant :D/10-A PARAMSUKH CHS, BEHIND INCOME TAX OFFICE, GAVAND-PATH, NAUPADA, THANE(W) PIN: 400602 Maharashtra India |
| (31) Priority Document No | :NA | |
| (32) Priority Date | :NA | |
| (33) Name of priority country | :NA | |
| (86) International Application No | :NA | |
| Filing Date | :NA | (72) Name of Inventor : 1)VIJAY APPA KASAR |
| (87) International Publication No | :N/A | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Energy efficient drying system consists of cabinet / chamber in which material to be dried is placed in the tray or on conveyors. It works on refrigeration & heat pump principle in this inlet air is first filtered & dehumidified using cooling effect of refrigeration. Then this cool dry air is pre heated first 1) by using hot liquid refrigerant coming from condenser then by. 2) Using heat of hot wet exhaust coming out of drying chamber / cabinet. Then this preheated dry air is admitted to drying chamber where it is heated by condenser heat & circulated inside the chamber to dry the material. Then this hot wet air from chamber is exhausted through heat exchanger which preheats incoming dry air. 1) As it uses heat pump principle for heating, its energy consumption is less than conventional. 2) As it uses dehumidified & pre heated air it gives faster drying, at lower temperature & better quality at all weather conditions. 3) It uses multiple compressors so that it gives better dehumidification of inlet air hence more efficiency. 4) Pre heating of inlet air increases efficiency.

No. of Pages : 8 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2434/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 02/08/2013

(54) Title of the invention : FUEL CELL PROVIDING CONTROLLED GENERATION OF OXY-HYDROGEN FOR SPECIFIC FUEL CONSUMPTION

| | | |
|---|--------------------------------------|--|
| (51) International classification | :H04M8/00, C25B1/02, F02B43/00 | (71) Name of Applicant : 1)DALAL SUNDEEP GOPALBHAI Address of Applicant :B1/104, ANKUR APARTMENT, OPP. SARDAR BRIDGE, ADAJAN, SURAT - 395 009 GUJARAT, INDIA |
| (31) Priority Document No | :NA | (72) Name of Inventor : |
| (32) Priority Date | :NA | 1)DALAL SUNDEEP GOPALBHAI |
| (33) Name of priority country | :NA | |
| (86) International Application No | :NA | |
| Filing Date | :NA | |
| (87) International Publication No | : NA | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention is a fuel cell providing controlled generation of oxy-hydrogen for specific fuel consumption which can be fitted for use in any internal combustion engine based vehicle. This fuel cell is an electrolytic cell which receives the power for its operation from the battery of the vehicle. This electrolytic cell converts demineral (DM) water into oxy-hydrogen gas which is non-toxic and harmless. This oxy-hydrogen supplements the fuel used in the vehicle and minimizes the fuel consumption by supplying an enriched mixture of air in the combustion chamber of the vehicle. Oxy-hydrogen increases the efficiency of the engine and decreases the emission levels by the vehicle. This oxy-hydrogen gas is produced only on demand by the electrolytic cell depending upon the speed of the vehicle. Thus it provides numerous advantages like delivering better engine torque, reducing carbon monoxide and hydrocarbon emissions and specific fuel consumptions.

No. of Pages : 21 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2447/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :23/07/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : A MELLOED ROSE BREW AND PROCESS FOR PREPARATION THEREOF

| | | |
|---|--------------------------------------|--|
| (51) International classification | :C12C5/00, C12C1/00, C12C11/00 | (71) Name of Applicant : 1)JAYASHRI RAJENDRA YADAV Address of Applicant :B-15, 16 SONAL RESIDENCY IDEAL COLONY, KOTHRUD, PUNE-411038, MAHARASHTRA, INDIA |
| (31) Priority Document No | :NA | (72) Name of Inventor : 1)JAYASHRI RAJENDRA YADAV |
| (32) Priority Date | :NA | |
| (33) Name of priority country | :NA | |
| (86) International Application No | :NA | |
| Filing Date | :NA | |
| (87) International Publication No | : NA | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention a mellowed rose brew and process for preparation thereof comprises the use of rose petals as essential embodiment in making and brewing of rose wines. Royal Edward rose petals are used in the process of preparation of rose brew comprising the steps of yeast activation, rose, petal cleaning, fermenting the mixture and at end filtering the cleared brew prepared and bottling it for ready to drink. A rose brew so obtained does not contain any food additives and incorporates the fine aroma, sweetness, nutritional and medicinal properties of rose petals used in the brew.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2018/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 02/08/2013

(54) Title of the invention : PERMANENT AND TAMPER RESISTANT BRANDING/LETTERING/LOGO IMPRINTED COLD ROLLED SHEETS AND A PROCESS FOR PRODUCING THE SAME.

| | | |
|---|---------------------------------------|---|
| (51) International classification | :b21b1/00, b21b27/00, b21b99/00 | (71) Name of Applicant : 1)JSW STEEL LIMITED Address of Applicant :JINDAL MANSION, 5-A, DR. G. DESHMUKH MARG, MUMBAI - 400 026, STATE OF MAHARASHTRA, INDIA |
| (31) Priority Document No | :NA | (72) Name of Inventor : |
| (32) Priority Date | :NA | 1)MOHAPATRA, JITENDRA NARAYAN |
| (33) Name of priority country | :NA | 2)HIEMATH, VINAY KUMAR |
| (86) International Application No | :NA | 3)RAO, VANKA VENKATA LAKSHMANA |
| Filing Date | :NA | 4)SHARMA, SANJAY |
| (87) International Publication No | : NA | 5)RATHORE, GAJRAJ SINGH |
| (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 permanent and tamper resistant branding/lettering/logo imprinted cold rolled sheets and also to a process for imprinting such branding/lettering/logo on the cold rolled sheets. The advancement involves selective generation of desired impression involving difference of amplitude/waviness of roughness between the logo/letter/brand name and rest of the sheet such as to create a difference in appearance in normal light on the surface. Importantly, the impression is created on the surface of cold rolled close annealed(CRCA) sheet itself during the skin pass operation in a simple and cost effective manner by involving rollers having desired texture with selective roughness on surface with a clearly distinguishable therefrom altered amplitude/waviness of surface finish/roughness identifying said brand/lettering/logo to transfer/imprint logo/letters/brand name of a company on the CRCA sheets which can be easily recognized and distinguished from others in the trade market and does not affect subsequent processing operations such as painting etc at the customers end.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2415/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :19/07/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : A HERBAL COMPOSITION FOR TREATMENT OF ASTHMA AND PNEUMONIA IN CHILDREN

| | | |
|---|------------|---|
| (51) International classification | :A61K36/00 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)HAZI ABDUL JABBAR KHAN |
| (32) Priority Date | :NA | Address of Applicant :WARD NO: 6, CIVIL COLONY, |
| (33) Name of priority country | :NA | JUNGLEPARA, NAGRI, DIST.: DHAMTARI (C.G.), |
| (86) International Application No | :NA | Chattisgarh India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)HAZI ABDUL JABBAR KHAN |
| (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 in general to the treatment and prevention of asthma and pneumonia, and more particularly to an herbal composition for the treatment of asthma and pneumonia in children. The present invention provides a herbal composition, comprising by weight of the herbal composition, 1 % of saffron powder, 3 % of nutmeg powder, 15 % of carom seed flower powder, 10 % of vermilion powder mixed in 71 % of jaggery homogeneously to form a thick paste. The invention further provides a method of manufacturing the herbal composition.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3546/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :16/12/2011

(43) Publication Date : 02/08/2013

(54) Title of the invention : SYNTHESIS OF CALCIUM CARBONATE NANOPARTICLES BY NEW RECYCLE REACTOR USING CAVITATION TECHNIQUE.

| | | |
|---|------------|--|
| (51) International classification | :C01F11/18 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)DR SHIRISH H. SONAWANE |
| (32) Priority Date | :NA | Address of Applicant :B 205 CHAITRANGAN |
| (33) Name of priority country | :NA | SUKHSAGAR NAGAR KATRAJ PUNE 411046 Maharashtra |
| (86) International Application No | :NA | India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | :N/A | 1)SONAWANE SHIRISH HARI |
| (61) Patent of Addition to Application Number | :NA | 2)KULKARNI RAVINDRA DATTATRYA |
| Filing Date | :NA | 3)SATYENDRA MISHRA |
| (62) Divisional to Application Number | :NA | 4)ANIRUDDHA BHALCHANDRA PANDIT |
| Filing Date | :NA | 5)SARANG GUMFEKAR |
| | | 6)LAKSHMINARAYAN RAMJEE |
| | | 7)KUNTE KSHITIJ JAYANT |
| | | 8)KATE KUNAL HEMANT |

(57) Abstract :

The use of nano sized calcium carbonate as a filler material in polymer composites, paints, coatings, has gained substantial importance due to its value addition in terms of properties and reduction in cost of the final product. This work reports a reactor design for based on the principle of hydrodynamic cavitation for bulk synthesis of the calcium carbonate nano-particles. The bubbling of the CO₂, gas in the cavitation zone leads to faster gas absorption rates and hence enhances the rate of reaction. This work gives the details of the design, and minutes about variation of composition and design of orifice plates.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2389/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :17/07/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : RELATION ALL MATHEMATICS

(51) International classification :G09B19/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MR. DESHMUKH SACHIN SANDIPAN
Address of Applicant :AT. PO. SHIRDHON, TAL:
KAVATHE MAHANKAL, DIST: SANGLI- 416419,
MAHARASHTRA, INDIA.
(72)**Name of Inventor :**
1)MR. DESHMUKH SACHIN SANDIPAN

(57) Abstract :

This invention relates to relation between rectangle and square presented with the help of formulae, relation between two right angle triangle presented with the help of formulae, relation between cuboid and cube by mentioned formula, methodology of quadratic equation of right angle triangle & rectangle relation between diagonal, height and width of two right angle triangle,

No. of Pages : 16 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1987/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :10/07/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : SYSTEM AND METHOD FOR DEPTH IMAGING

| | | |
|---|-------------------------|---|
| (51) International classification | :G06T17/00, G06T7/00 | (71) Name of Applicant : 1)KPIT CUMMINS INFOSYSTEMS LTD Address of Applicant :35 & 36, RAJIV GANDHI INFOTECH PARK, PHASE 1, MIDC, HINJEWADI, PUNE- 411 057, Maharashtra India |
| (31) Priority Document No | :NA | |
| (32) Priority Date | :NA | |
| (33) Name of priority country | :NA | |
| (86) International Application No | :NA | (72) Name of Inventor : |
| Filing Date | :NA | 1)MR. SABLE, ANUP |
| (87) International Publication No | :N/A | 2)DR. VAIDYA, VINAY GOVIND |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A system and method for real time depth imaging is disclosed herein. The method consists of capturing plurality of images through an input device placed on a rotating platform; transferring the captured images to an image processing device via a communication connection; rectification of successive captured images in common field of view of different positions without calibration of the input device by the image processing device; determination of error in extent of the rectification resulting on different pair of images by the image processing device; block matching of images to determine similarity between the image blocks by the image processing device; determination of disparity between the image blocks by the image processing device; estimation of real time depth of the image by the image processing device; and displaying the real time depth on an output device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1756/CHE/2013 A

(19) INDIA

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

(43) Publication Date : 02/08/2013

(54) Title of the invention : A DEVICE TO CONVERT NORMAL COMPUTER SCREEN INTO TOUCH SCREEN

(51) International classification :G06F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RAM DAYAL VAISHNAV
Address of Applicant :135, OPP. ADARSH SCHOOL, V.P.
MOULASAR, TEH-DIDWANA, DIST - NAGOUR - 341 506
Rajasthan India
(72)**Name of Inventor :**
1)RAM DAYAL VAISHNAV
2)RAM KRISHAN VAISHNAV

(57) Abstract :

This invention relates to a device for converting a normal computer screen into a touch screen, device comprising 1. Finger cap consisting of a. IR LED(s) b. Power source c. Circuit d. Switch / Button (touch to ON) 2. Camera consisting of a. External Camera (IR filter removed) b. Black film 3. A Software The camera will be put in front of the screen and will be covered by the black film which will block the visible light, so only IR light will be seen by the camera. Now a software will be running in the background, it will take live streams from the camera and will detect if any touch is done on the screen, because when there is any touch done by the finger wearing finger cap, it will switch ON the IR-LED, which will be visible to the camera. Initially the software will take all four corner"s co-ordinates, so that it can find the actual co-ordinates of any click on the screen. This is the most in-expansive, simple and high efficient way to convert any normal monitor/screen/flat surface to the fully function-able touch-screen for computer operations. This device can even perform "right click" mouse activity, which is not possible in of the existing technologies.

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

(54) Title of the invention : RECOVERY OF COBALT FROM THE SPENT LITHIUM-ION BATTERY THROUGH CHEMICAL EXTRACTION AND PRECIPITATION

| | | |
|---|----------------|---|
| (51) International classification | :H01M, C01G | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)DR. JAYAPPA MANJANNA |
| (32) Priority Date | :NA | Address of Applicant :DEPT. OF INDUSTRIAL |
| (33) Name of priority country | :NA | CHEMISTRY KUVEMPU UNIVERSITY |
| (86) International Application No | :NA | SHANKARAGHATTA-577451 Karnataka India |
| Filing Date | :NA | 2)MR. GIRISH, P NAYAKA |
| (87) International Publication No | : NA | (72)Name of Inventor : |
| (61) Patent of Addition to Application Number | :NA | 1)DR. JAYAPPA MANJANNA |
| Filing Date | :NA | 2)MR. GIRISH, P NAYAKA |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

We have successfully recovered the cobalt from the cathode active material of spent Li-ion battery (LIB). For this, we had chosen a leading commercial battery wherein cobalt based cathode material are used. After careful dismantling of the spent LIB, the cathode material coated on Al-foil was collected by scrubbing and analyzed by using XRD, SEM/EDX, etc. It was found to be LiCoO₂, and the same was subjected for chemical dissolution in environmentally benign aqueous mixture of citric acid and ascorbic acid at 80 °C for 6h. From the dissolved solution of cobalt and lithium, we have separated cobalt as cobalt oxalate through selective precipitation. During this study, we have also followed the dissolution kinetics of Li and Co ions by estimating their concentration using AAS. Furthermore, the formation of Li- and Co-complexes with citric acid was evident from UV-Vis spectra and cyclic voltammetric studies of the dissolved solution.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2701/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :04/07/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : PARTITIONED POOL

| | | |
|---|-------|--|
| (51) International classification | :E04H | (71) Name of Applicant : |
| (31) Priority Document No | :NA | 1)MR. MUDUNURI VIHAYA RAMA RAJU |
| (32) Priority Date | :NA | Address of Applicant :S/O LATE M T V PADMANABHA |
| (33) Name of priority country | :NA | RAJU, 1-2-40 SATYAM RESIDENCY, VAMSI KRISHNA |
| (86) International Application No | :NA | NAGAR, BHIMAVARAM - 534 202 Andhra Pradesh India |
| Filing Date | :NA | (72) Name of Inventor : |
| (87) International Publication No | : NA | 1)MR. MUDUNURI VIHAYA RAMA RAJU |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The invention provides a new partitioned pool wherein all the lanes are separated by partitions. The partitioned pool according to the present invention provides to all the athletes equal and identical boundary conditions and there would be no splashes from side lanes. Further, in the partitioned pools according to the present invention the expensive wave eating lane ropes are discarded.

No. of Pages : 20 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2824/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :27/06/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : BEARING GUIDE SHOE FOR ELEVATORS

(51) International classification

:B66B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)R. SRINIVASAN

Address of Applicant :F2, BHAVITHRA APARTMENT,
NO:6 BHARATHIYAR STREET, CHROMEPET, CHENNAI -
600 044 Tamil Nadu India

(72)Name of Inventor :

1)R. SRINIVASAN

(57) Abstract :

A guide shoe is an important component in the elevator. The purpose of the guide shoe is to direct the elevator along a straight path with the help of guide rail. In guide shoes, sliding and rolling guide shoes are used in majority of designs due to cost advantage. However, bearing guide shoe is mainly used for high speed elevator in order to maintain lesser decibel (i.e., noise), higher ride comfort while travelling and also for longer life. The afore-mentioned advantages of bearing guide shoe are not present in the most of the current elevators that use sliding guide shoe and roller guide shoe. This invention proposes a bearing shoe design that will bring the advantages of lesser noise, ride comfort and longer life in a cost effective manner.

No. of Pages : 6 No. of Claims : 3

(54) Title of the invention : SYSTEM FOR AUTOMATING GEAR TRANSMISSION IN VEHICLES

(51) International classification

:F16H

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SANU SUNNYAddress of Applicant :VAZHATHOTTAHIL HOUSE,
CHELAD PO, KOTHAMANGALAM, ERNAKULAM - 686
681 Kerala India**2)KADUTHANAM PHILIP JOSE VETTICAD****3)CHERY A MENAMPARAMPAN****4)VIJAYAN MUDATHIYANIYIL KUMARAN****5)ALEN ANTONY JOHN****6)NITHIN KURIAKOSE**

(72)Name of Inventor :

1)SANU SUNNY**2)KADUTHANAM PHILIP JOSE VETTICAD****3)CHERY A MENAMPARAMPAN****4)VIJAYAN MUDATHIYANIYIL KUMARAN****5)ALEN ANTONY JOHN****6)NITHIN KURIAKOSE**

(57) Abstract :

The present invention relates to a system that automates the gear transmission in two wheelers. The system comprises of microcontrollers, electronic control unit, electric circuits, sensors, crank, connecting rod, slider, shaft, connecting plate, crank for throttling, DC servo motor and stepper motor. The microcontrollers control the operation for throttling, auto starting, safety stopping as well as controls the gear shifting. Various sensors are provided which sense different driving conditions of the vehicle. Various factors of the vehicle condition are taken in to account to formulate the gear ratio for performing gear shifting. The system incorporates the safety features of the vehicle driver and passenger. The fuel supply to the vehicle is controlled and gear shifting is done based on the sensor inputs. The system supports two modes of operation such as economic mode and push shift mode (manual up and down command). The disclosed system can also be fixed and installed in the existing two wheelers.

No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3039/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :08/07/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : MUSQUITO TRAPPING APPARATUS EMPLOYING LIGHT ATTRACTRANTS AND ADHESION TRAPPING TECHNIQUE

(51) International classification

:A01M

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)A V SANTHOSH KUMAR

Address of Applicant :33, RAMIAH STREET,
JAIHINDIPURAM, MADURAI - 625 011 Tamil Nadu India

2)S ALLWYN PUSHPARAJ

3)S RAJESHWARAN

4)P RAJESH KANNA

(72)Name of Inventor :

1)A V SANTHOSH KUMAR

2)S ALLWYN PUSHPARAJ

3)S RAJESHWARAN

4)P RAJESH KANNA

(57) Abstract :

The present invention relates to a Mosquito and possibly other Insect trapping device which uses attracting and trapping/killing technique. The attracting part is performed by lights of specific wavelengths found to be effective in attracting over most mosquito breeds that feed on blood of warm blooded organisms and the trapping part is provided by conveyor sheet coated with sticky oil which can be made with materials available or readily available in an average home. A suction device which sucks in the lured mosquitoes and blows them on the trapping conveyor sheet is employed in addition to make the whole process more effective and efficient in practical conditions. The device is designed in such a way that it can be easily and thereby cheaply manufactured and finally can be used in civilian homes for the purpose intended.

No. of Pages : 10 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3109/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :12/07/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : AEROSPACE TRANSPORT GATEWAY (ATG)

(51) International classification

:B64G

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)RUBEN GERAD MATHEW

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ROAD, VENKATARAJU LAYOUT, KOTHANNUR, J.P
NAGAR, 8TH PHASE, BANGALORE - 560 076 Karnataka
India

(72)Name of Inventor :

1)RUBEN GERAD MATHEW

(57) Abstract :

This invention relates to the Aerospace Transport Gateway which are constructed by means of assembling a core cylindrical frame with internal tracks and made weightless by natural means (helium/hydrogen filled torus rings) or powered means to form weightless building blocks that are anchored to the ground and subsequently built by attaching each unit to the one above it, and allow an internal lift to pass through the frame by attaching itself on the guiding rails and provide a reusable, non-polluting, and economical gateway for commute of people, materials and equipment into space and introduce a new cost effective and commercially viable means of space travel, tourism and exploration.

No. of Pages : 17 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3127/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :12/07/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : APPARATUS FOR POWER GENERATION AND/OR FLUID FILTRATION

(51) International classification

:B01D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)ASHUTOSH MISHRA

Address of Applicant :#104 Spring Park Apartments, 7th
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Bangalore, Karnataka- 560066 India

(72)Name of Inventor :

1)ASHUTOSH MISHRA

(57) Abstract :

The disclosure generally relates to power generation devices, more specifically an apparatus for generating power utilizing the inherent potential energy in a column of fluid. Further, the present disclosure also relates to the use of the apparatus for filtering fluids.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.174/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :11/01/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : RECIPROCATING MULTICYCLE ENGINE

(51) International classification :F02B

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :NA

Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :371/CHE/2005

Filed on :04/04/2005

(62) Divisional to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

1)CHANAYIL CLEETUS ANIL

Address of Applicant :CHANAYIL HOUSE,
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Kerala India

(72)**Name of Inventor :**

1)CHANAYIL CLEETUS ANIL

(57) Abstract :

The present invention relates to reciprocating multi-cycle internal combustion engine which will have the combined working of both six stroke engine as well as four stroke engine technologies in the same cylinder. The advantages of both the engines can be obtained from an engine from the same cylinder. Conventionally IC engines are used for powering mechanisms in various applications. Two different values of torque can be achieved at the same RPM by running the same engine in either six stroke or four stroke cycle modes. The six stroke engine can be made to operate in four stroke cycle by using valve operating methods controlled by electrical, hydraulic, pneumatic technology.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2930/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : ORNAMENTS WITH MODULAR AND CHANGEABLE DECORATIVE ELEMENTS

| | | |
|---|-------|--|
| (51) International classification | :A44C | (71) Name of Applicant : |
| (31) Priority Document No | :NA | 1)MR. GIRISH KUMAR D.S |
| (32) Priority Date | :NA | Address of Applicant :153, CHICKPET, AVENUE ROAD |
| (33) Name of priority country | :NA | CIRCLE, BANGALORE - 560 053 Karnataka India |
| (86) International Application No | :NA | (72) Name of Inventor : |
| Filing Date | :NA | 1)MR. GIRISH KUMAR D.S. |
| (87) International Publication No | : NA | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Ornaments with modular and changeable decorative elements, inserted and assembled in two-track construction. The decorative elements have projections corresponding to tunnel in two-track construction. The decorative elements are of varying dimensions, are made of different materials, with different permutations of stones. Ornaments can be close or open type, with curve or flat shape. The two-track construction as well as projections is not visible after complete assembly and therefore the ornament does not compromise on aesthetics due to modularity and changeability.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2931/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :02/07/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : AUTOMATION TESTING OF SOFTWARE OR DEVICE BY SIMULATING INPUT AND CAPTURING OUTPUT

(51) International classification

:G01R

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)HCL Technologies Limited

Address of Applicant :HCL Technologies Ltd AMB 3.64-
66,South Phase,II Main road, Ambattur Industrial
estate,Chennai-58 Tamil Nadu India

(72)Name of Inventor :

1)Sivasakthivel Sadasivam

(57) Abstract :

The embodiments herein relate to software or device testing and, more particularly, to automate the testing of software or device by simulating input and capturing output. Initially information on device functionalities of a Device Under Test (DUT) to be tested and related operations of input devices associated with the DUT are captured and control steps corresponding to each of the input device operations are defined and stored in an automation module. Further, so as to test a specific functionality of the DUT, corresponding control steps are sent from the automation module to a sim module. The sim module emulates the device functionality to be executed by generating corresponding control signals. The generated control signals are sent to the DUT. Results of executed functionality are captured using capture cards and are verified against expected results configured with the automation module.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3025/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :05/07/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : NEW METHOD OF INTRODUCING HERBAL ADDITIVES IN ENGINE OIL, THEREBY INCREASING ENGINE EFFICIENCY, LIFE AND DECREASING CARBON DEPOSIT

| | | |
|---|-------|---|
| (51) International classification | :C10L | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)KP. DHANDAPANI |
| (32) Priority Date | :NA | Address of Applicant :2/152, EMME GOUNDEN |
| (33) Name of priority country | :NA | PALAYAM, NEGAMAM, POLLACHI - 642 120 Tamil Nadu |
| (86) International Application No | :NA | India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)V.S.M. VELMURUGAN |
| (61) Patent of Addition to Application Number | :NA | 2)KP. DHANDAPAANI |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Present invention related to Engine oil lubricant and improving its life and properties adding additives. Unique blend of natural oils, vegetables oil and little quality of chemical will lead to increase in life of the lubricating oil (it can be petrol engine or Diesel engine, gasoline Engine etc) and also helps in removing carbon deposit on the engine piston. Increasing the life of the oil, Engine runs smoothly. Therefore change of oil time increased, thereby saving money. Engine carbon effectively removed and thereby increasing the mileage per liter of (petrol or diesel, gas) fuel. The additive requirement is very less hence additional expenditure compare to benefit like mileage and smoothness, time period to change the Engine oil. Production of additives is also easy and combination of synthetic and naturally available material makes it Unique.

No. of Pages : 11 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2985/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : COUPLE ACTION TOOTHBRUSH

(51) International classification

:A46B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)R. PRAKASH URS

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CROSS, 5TH MAIN BAHUBALINAGAR, JALAHALLI
POST, BANGALORE - 560 013 Karnataka India

(72)Name of Inventor :

1)R. PRAKASH URS

(57) Abstract :

Couple Action toothbrush is a simple tool to keep up the oral hygiene which will assist the user to clean teeth & gums very easily, where a circular technique or boss technique advised by the dentist can be followed more effectively by easy movement of the hand. It also helps the majority of the people who do not follow any of the derived techniques by dentists and who just massage their teeth by front and back stroke as a natural stroke of the hand and arm. The ease of cleaning operation is created in a simple brush which can be produced in a mass scale easily. The mechanism is so arranged that it will address the ease of functionality without any surface tension while using it, by which it will be a better Manual Dynamic Toothbrush and as simple as a present day Manual Toothbrush.

No. of Pages : 9 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2984/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :04/07/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : SEVEN OMEGA SEVEN I. C. ENGINE

(51) International classification

:F02B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)P. PRAKASH URS

Address of Applicant :NO. 204B, "UJJWALA", 5TH "A"
CROSS, 5TH MAIN BAHUBALINAGAR, JALAHALLI
POST, BANGALORE - 560 013 Karnataka India

(72)Name of Inventor :

1)P. PRAKASH URS

(57) Abstract :

This is an internal combustion engine, where in the compressive force over the crank shaft is reduced to greater extent & converted that as an rotary force by a linkages, and pins with an offset arrangement of circular guide path to achieve a better crank angle, When Peak Pressure is developed in the cylinder, at this time crankshaft is in such a best crank position, where it can give a best rotary force to the crank shaft, With out loosing the compression It contribute in a better way for higher mechanical leverage & performance of the engine.

No. of Pages : 7 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3118/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :12/07/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : Method of Pharmaceutical products Ordering using an internet Platform and inventory management

(51) International classification :G06Q
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT//
Filing Date :01/01/1900
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Bharamagouda Dalawai
Address of Applicant :1st Floor Plotno 48 Arun Colony
,Gokul road ,HUBLI Karnataka India
(72)**Name of Inventor :**
1)Bharamagouda Dalawai

(57) Abstract :

The present invention relates to a method of placing orders for pharmaceutical products using a internet platform, in which Manufacturers add their products to third party website or social website and distributors enable to chose the companies which products they distribute , pharmacies and distributors can place order by using internet platform. When pharmacies place order for pharmaceutical products, it will be received in mail box of distributor can be invoiced manually or automatically using suitable software .In the same way order will be sent to Manufacturer from Distributors. And this platform also can create network among Pharmacies Distributors and Manufacturers by exchanging messages using same internet platform. Using this method or platform for ordering pharmaceutical products which are intended to buy, it can reduce the time, Manpower, Papers, and Expenses etc .

No. of Pages : 20 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1926/KOLNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/06/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : ABSORBENT ARTICLE.

(51) International classification :A61F13/15
(31) Priority Document No :2013-073862
(32) Priority Date :29/03/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/064383
Filing Date :23/05/2013
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)UNICHARM CORPORATION

Address of Applicant :182, SHIMOBUN, KINSEI-CHO,
SHIKOKUCHUO-SHI, EHIME 7990111 Japan

(72)Name of Inventor :

1)OTSUKI, AKINO

2)HARADA, HIROYUKI

3)KITAGAWA, MASASHI

(57) Abstract :

In an absorbent article 1 according to the present invention, a pair of second embossed grooves 20 configured to emboss at least the absorber 2 is provided along a product longitudinal direction L, at both sides of a center line 0 of a product widthwise direction W and at an inside in the product widthwise direction W of first embossed grooves 11, 12, and a third embossed groove 40 is provided along the product widthwise direction W to establish communication between the pair of second embossed grooves 20.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.162/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :11/02/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : VARIABLE DISCHARGE POINT HYDRAULIC TRUCK UNLOADER MK- III

| | | |
|---|------------|---|
| (51) International classification | :B66C23/69 | (71) Name of Applicant : |
| (31) Priority Document No | :NA | 1)JAYPEE ENGINEERING & HYDRAULIC |
| (32) Priority Date | :NA | EQUIPMENT CO. LTD. |
| (33) Name of priority country | :NA | Address of Applicant :24, STRAND ROAD, GROUND |
| (86) International Application No | :NA | FLOOR, KOLKATA-700001, AND ALSO |
| Filing Date | :NA | CHANDANNAGAR (MEMONPUR), BUDGE BUDGE |
| (87) International Publication No | : NA | TRUNK ROAD, MAHESHTALA, KOLKATA 700139, WEST |
| (61) Patent of Addition to Application Number | :NA | BENGAL, INDIA. |
| Filing Date | :NA | (72) Name of Inventor : |
| (62) Divisional to Application Number | :NA | 1)DILIP KUMAR GHOSH |
| Filing Date | :NA | |

(57) Abstract :

This invention relates to a hydraulic equipment for unloading materials from trucks & trailers allowing the users to achieve least possible discharge height without requiring any high precession. Unlike the conventional equipment this present invention ensures not only minimum discharge height but also reduce the project cost of the end user by securing lowest possible civil foundation. Furthermore, this invention also relates to a hydraulic truck unloading system which provides a relatively economical & aesthetically appealing structure that is readily operable & easily serviced.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.675/KOL/2013 A

(19) INDIA

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

(43) Publication Date : 02/08/2013

(54) Title of the invention : FUEL TANK FOR PRODUCING OF POLLUTION FREE FUEL.

| | |
|---|--|
| <p>(51) International classification :B60K15/04 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA</p> | <p>(71)Name of Applicant : 1)SHASHIDHAR KUMAR Address of Applicant :BELWARA, PS: SIMRIBAKHTIYARPUR, DIST: SAHARSA, BIHAR-852201 Bihar India (72)Name of Inventor : 1)SHASHIDHAR KUMAR 2)NAVRATAN KUMAR 3)RISHIKESH KUMAR 4)RANJEET YADUVANSHI</p> |
|---|--|

(57) Abstract :

This invention relates to a fuel tank and in particular, this invention relates to a fuel tank which produces hydrogen by electrolysis of water. More particularly, this present invention relates to provide a fuel tank which produces hydrogen by using synthetic graphite. Furthermore this invention also relates to a fuel tank which produces hydrogen as fuel that saves the fuel like petrol, diesel etc which causes the air pollution.

No. of Pages : 27 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.134/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :05/02/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : 'DEGREE ADJUSTABLE GLOBE'

| | | |
|---|-----------|--|
| (51) International classification | :F21S9/02 | (71) Name of Applicant : |
| (31) Priority Document No | :NA | 1)FAKHAR UDDIN AHMED |
| (32) Priority Date | :NA | Address of Applicant :VILL- |
| (33) Name of priority country | :NA | KADOMTALA(MOTERJHAR) P.O-MOTERJHAR DIST- |
| (86) International Application No | :NA | DHUBRI, ASSAM, INDIA, PIN-783334 Assam India |
| Filing Date | :NA | 2)GANESH SHAH |
| (87) International Publication No | : NA | 3)ABUL FAZAL PRODHANI |
| (61) Patent of Addition to Application Number | :NA | (72) Name of Inventor : |
| Filing Date | :NA | 1)FAKHAR UDDIN AHMED |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Degree Adjustable Globe is an advanced form of a globe that extends its function from being a globe alone to being a device to calculate the latitude of a place with the help of the pole star and vice-versa. It can also help determine the direction of the orbit of the earth from anywhere in the world. On the whole, it is most helpful to study Geography and celestial sphere in Astronomy, which is usually not possible by the fixed globe.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.691/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013

(43) Publication Date : 02/08/2013

(54) Title of the invention : MULTI-STAGE WATER TREATMENT SYSTEM

| | | |
|---|-----------|---|
| (51) International classification | :B01F5/12 | (71) Name of Applicant : |
| (31) Priority Document No | :NA | 1)PAL, PARIMAL |
| (32) Priority Date | :NA | Address of Applicant :DS-12/C, NIT DURGAPUR |
| (33) Name of priority country | :NA | CAMPUS, M.G. AVENUE, DURGAPUR-713209, W.B. |
| (86) International Application No | :NA | INDIA-713209 West Bengal India |
| Filing Date | :NA | 2)LINNANEN, LASSI |
| (87) International Publication No | : NA | (72) Name of Inventor : |
| (61) Patent of Addition to Application Number | :NA | 1)PAL, PARIMAL |
| Filing Date | :NA | 2)LINNANEN, LASSI |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention relates to a system and method for arsenic removal from contaminated groundwater. According to one embodiment, method of the present invention comprises the steps of pre-oxidizing arsenic contaminated feed water by treating the feed water with at least one oxidizing agent in a reactor; continuous filtering of pre-oxidized feed water by allowing to flow through a nanofiltration membrane module; and stabilizing rejected arsenic obtained from nanofiltration in a solid matrix through downstream precipitation-coagulation.

No. of Pages : 31 No. of Claims : 16

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.2172/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :14/09/2010

(43) Publication Date : 02/08/2013

(54) Title of the invention : A SYNTHETIC IMMUNOGEN USEFUL FOR GENERATING LONG LASTING IMMUNITY AND PROTECTION AGAINST PATHOGENS

| | | |
|---|-------|---|
| (51) International classification | :C07K | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL |
| (32) Priority Date | :NA | RESEARCH |
| (33) Name of priority country | :NA | Address of Applicant :ANUSANDHAN BHAWAN RAFI |
| (86) International Application No | :NA | MARG, NEW DELHI - 110 001, INDIA. |
| Filing Date | :NA | 2)UNIVERSITY OF MELBOURNE |
| (87) International Publication No | :NA | (72)Name of Inventor : |
| (61) Patent of Addition to Application Number | :NA | 1)JAVED NAIM AGREWALA |
| Filing Date | :NA | 2)UTHAMAN GOWTHAMAN |
| (62) Divisional to Application Number | :NA | 3)DAVID JACKSON |
| Filing Date | :NA | 4)WEIGUANG ZENG |

(57) Abstract :

The present invention relates to a synthetic immunogen represented by the general formula 1, useful for generating long lasting protective immunity against various intracellular pathogens which are the causative agents of tuberculosis, leishmaniasis, AIDS, trypanosomiasis, malaria and also allergy, cancer and a process for the preparation thereof. The developed immunogen is able to circumvent HLA restriction in humans and livestock. The invention further relates to a vaccine comprising the said immunogen for generating enduring protective immunity against various diseases. The said vaccine is targeted against intracellular pathogens, more particularly the pathogen M. tuberculosis in this case. In the present invention, promiscuous peptides of M. tuberculosis are conjugated to TLR ligands especially; Pam2Cys to target them mainly to dendritic cells and therefore elicit long-lasting protective immunity.

No. of Pages : 72 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2173/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :14/09/2010

(43) Publication Date : 02/08/2013

(54) Title of the invention : TRYPTAMINE DERIVATIVES, THEIR PREPARATION AND THEIR USE IN GASTROPATHY

| | | |
|---|-------|---|
| (51) International classification | :C07K | (71) Name of Applicant : |
| (31) Priority Document No | :NA | 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL |
| (32) Priority Date | :NA | RESEARCH |
| (33) Name of priority country | :NA | Address of Applicant :ANUSANDHAN BHAWAN RAFI |
| (86) International Application No | :NA | MARG, NEW DELHI - 110 001, INDIA. |
| Filing Date | :NA | (72) Name of Inventor : |
| (87) International Publication No | :NA | 1)BANDYOPADHYAY UDAY |
| (61) Patent of Addition to Application Number | :NA | 2)PAL CHINMAY |
| Filing Date | :NA | 3)BINDU SAMIK |
| (62) Divisional to Application Number | :NA | 4)ADHIKARI SUSANTA SEKHAR |
| Filing Date | :NA | |

(57) Abstract :

The present invention concerns the synthesis and evaluation of gastroprotective effect of different tryptamine derivatives. Tryptamine derivatives have been synthesized by formation of amide or ester with some known anti oxidant molecules. These derivatives show excellent antioxidant property in vitro. Among all the derivatives the compound SEGA (3a), that was prepared by the combination of serotonin with gallic acid shows the greater antioxidant property than the other synthesized compounds both in vivo and in vitro. SEGA(3a) shows the gastroprotective effect against NSAIDs (indomethacin or diclofenac)-induced gastropathy in dose dependent manner and also accelerates the healing from injury. It prevents the NSAIDs-induced mitochondrial oxidative stress in vivo. This derivative prevents NSAID-induced mitochondrial oxidative stress-mediated apoptosis in vivo by preventing the activation of caspase 9 and caspase-3 and restores NSAIDs-mediated collapse of mitochondrial transmembrane potential and dehydrogenase activity. SEGA (3a) plays an important role as an iron chelator as well as intra mitochondrial ROS scavenger. Thus, SEGA (3a) is a potent antioxidant antiapoptotic molecule, which efficiently prevents NSAID-induced gastropathy and stress or alcohol -mediated gastric damage.

No. of Pages : 41 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2745/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :18/11/2010

(43) Publication Date : 02/08/2013

(54) Title of the invention : SEAL SOCKET FOR CEMENT TUBEWELL PIPES PLAIN ENDS

(51) International classification

:F16C

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)BALJINDER SINGH

Address of Applicant :BALJINDER SINGH S/O BABU
SINGH, VILL. TILOBEWALA VIA KALAN WALI DISTT.
SIRSA (HARYANA) PIN-125201 Haryana India

(72)Name of Inventor :

1)BALJINDER SINGH

(57) Abstract :

A Seal Socket for Cement Tubewell Pipe Plain Ends comprise a Seal Socket made of P.P. and C.P. having Plastic/Nylon Rings upto 3 on both sides and for 8 to 14 pipe size. And length is different according to pipe size.

No. of Pages : 10 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.978/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :05/04/2011

(43) Publication Date : 02/08/2013

(54) Title of the invention : APPLICATION PROCESSOR, MODEM AND METHOD FOR COMMUNICATING THEREBETWEEN

(51) International classification :H04L
(31) Priority Document No :201010240590.7
(32) Priority Date :23/07/2010
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number:NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SPREADTRUM COMMUNICATIONS (SHANGHAI) CO., LTD.
Address of Applicant :SPREADTRUM CENTER,
BUILDING NO. 1, LANE 2288, ZUCHONGZHI ROAD,
ZHANGJIANG, PUDONG, SHANGHAI 201203, P.R. CHINA
(72)Name of Inventor :
1)SHI, FENG
2)WU, HAIFENG

(57) Abstract :

The invention discloses a method for communicating an application processor and a modem. A physical link is provided between the application processor and the modem and corresponds to multiple virtual channels. The modem is embedded in a user equipment, and the user equipment is adapted for multiple user identification module cards. The method comprises: establishing, by the application processor, a relation of combining virtual channels to the user identification module card for receiving the service requests when service requests are sent to at least a user identification module card of the user equipment; and transferring the service requests to the user identification module card through the virtual channels which have the relation of combining to the user identification module card. The virtual channels which have the relation of combining to the user identification module card transfer the service requests so as to combine each user identification module card in a multi-card multi-standby mobile phone to a corresponding channel, avoiding the situation that when the intelligent phone transfers the service request, it is uncertain which channel is identified to transfer the service request and which user identification module card receives the transferred service request.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.809/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :20/04/2009

(43) Publication Date : 02/08/2013

(54) Title of the invention : MULTI-STAGE FLUE GAS EXHAUST ON THE COOLER FOR WASTE HEAT RECOVERY POWER GENERATION SYSTEM FOR CEMENT MANUFACTURING UNIT

| | | |
|---|------------|--|
| (51) International classification | :F03D 1/06 | (71) Name of Applicant : 1)DALIAN EAST NEW ENERGY DEVELOPMENT CO.,LTD |
| (31) Priority Document No | :NA | Address of Applicant :4TH FLOOR, NO.3, PARK 2-1, |
| (32) Priority Date | :NA | XUEZI STREET, HI-TECH ZONE, DALLIAN, CHINA |
| (33) Name of priority country | :NA | P.C.116023 THE PEOPLE'S REPUBLIC OF CHINA |
| (86) International Application No | :NA | (72) Name of Inventor : |
| Filing Date | :NA | 1)TANG JINQUAN |
| (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 multi-stage flue gas exhaust system in WHR power generation for a cement manufacturing unit is described herein. The multi-stage flue gas exhaust system utilizes two or more outlets for discharging the flue gas from a cooler of the cement manufacturing unit. The outlets are provided either at the top plate or the side wall of the cooler. The number of outlets for the flue gas depends upon the specifications of the cement kiln. These outlets of the flue are connected to the waste heat boiler n waste heat recovery power generation system through two or more pipelines. The cooler of the present subject matter also contains a plurality of baffles. The baffles are provided between each pair of outlets of flue gas on the top plate inside the cooler. In one embodiment of the present subject matter, the baffles are disposed between the outlets of flue gas, the outlet and the feed port, the outlet and the discharge port.

No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2176/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :14/09/2010

(43) Publication Date : 02/08/2013

(54) Title of the invention : ELECTROCHEMICAL PROCESS FOR SYNTHESIS OF GRAPHENE

| | | |
|---|-------|---|
| (51) International classification | :C01B | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL |
| (32) Priority Date | :NA | RESEARCH |
| (33) Name of priority country | :NA | Address of Applicant :ANUSANDHAN BHAWAN RAFI |
| (86) International Application No | :NA | MARG, NEW DELHI - 110 001, INDIA. |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | :NA | 1)DHANRAJ BHAGWANRAO SHINDE |
| (61) Patent of Addition to Application Number | :NA | 2)VIJAYMOHANAN KUNJIKRISHNAN PILLAI |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A process for the transformation of carbon nanotubes (CNTs) to nanoribbons composed of a few layers of graphene by a two-step electrochemical approach is disclosed in this invention. This consists of the oxidation of CNTs at controlled potential, followed by reduction to form graphene nanoribbons (GNRs) having smooth edges and fewer defects, as evidenced by multiple characterization techniques, including Raman spectroscopy, atomic force microscopy, and transmission electron microscopy. This type of unzipping of CNTs (single-walled, multi-walled) in the presence of an interfacial electric field provides unique advantages with respect to the orientation of CNTs, which might make possible the production of GNRs with controlled widths and fewer defects. The extent of oxidation was confirmed by various characterization techniques like XRD, XPS and Raman spectroscopy. In the second step of experiments, the CNT oxide were reduced for different periods such as 4, 8, 12 hours at fixed negative potentials of -0.5 V, so as to get layers of graphene ribbons as tabulated herein.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1368/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :02/07/2009

(43) Publication Date : 02/08/2013

(54) Title of the invention : WATERPROOF ASSEMBLY OF LED LAMP CUP

| | | |
|---|---------------|---|
| (51) International classification | :F21V 3/02 | (71) Name of Applicant : 1)PYROSWIFT HOLDING CO.,LIMITED |
| (31) Priority Document No | :NA | Address of Applicant :FLAT/RM 304, DOMINION |
| (32) Priority Date | :NA | CENTRE, 43 QUEEN'S RD EAST WANCHAI, HONG KONG |
| (33) Name of priority country | :NA | (72) Name of Inventor : |
| (86) International Application No | :NA | 1)WANG, PEI-CHOA |
| 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 LED lamp cup includes a heat-conducting substrate, a LED unit, a casing and a light-transmitting lamp cover. The casing can be detachably assembled with the heat-conducting substrate or the light-transmitting lamp cover easily. Further, the casing or the light-transmitting lamp cover is configured that it can be retained from outside toward inside, so that the casing may not rotated reversely after being assembled with the heat-conducting substrate or the light-transmitting lamp cover. Thus, the biasing force exerted on the first and second waterproof gaskets may not be reduced to enlarge the gap. Thus, the penetration of moisture can be prevented to achieve a good waterproof effect.

No. of Pages : 18 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.808/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :20/04/2009

(43) Publication Date : 02/08/2013

(54) Title of the invention : INDEPENDENT SUPER-HEATER IN WASTE HEAT RECOVERY POWER GENERATION SYSTEM FOR CEMENT MANUFACTURING UNIT

(51) International classification :F03D1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DALIAN EAST NEW ENERGY DEVELOPMENT CO.,LTD
Address of Applicant :4TH FLOOR, NO.3, PARK 2-1, XUEZI STREET, HI-TECH ZONE, DALLIAN, CHINA
P.C.116023 THE PEOPLE'S REPUBLIC OF CHINA

(72)**Name of Inventor :**
1)TANG JINQUAN

(57) Abstract :

A cement manufacturing unit is described herein. The cement manufacturing unit includes a cement kiln for producing cement clinker, a cooler and a waste heat recovery power generation system. The cooler is connected to the cement kiln for reducing the temperature of the cement clinker produced in the cement kiln. The cooler has a plurality of outlets for discharging flue gas into the waste heat recovery power generation system. The waste heat recovery power generation system further includes a waste heat recovery boiler that is connected to the cooler through at least one outlet exhausting low temperature flue gas provided on the cooler, and a super heater that is connected to the cooler through at least one outlet exhausting high temperature flue gas of the plurality of outlets of the cooler.

No. of Pages : 17 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.164/DELNP/2012 A

(19) INDIA

(22) Date of filing of Application :05/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHOD OF DETECTING PNEUMOCANDIN COMPOUNDS

(51) International classification :G01N 33/68

(31) Priority Document No :61/233,846

(32) Priority Date :14/08/2009

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

(86) International Application No :PCT/NO2010/000302

Filing Date :11/08/2010

(87) International Publication No :WO 2011/019286

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

1)XELLIA PHARMACEUTICALS APS

Address of Applicant :OF DALSLANDSGATE 11, DK-
2300 K`BENHAVN S, DENMARK

(72)**Name of Inventor :**

1)BRUNSVIK, ANDERS

2)MANSSON, MARTIN

(57) Abstract :

The present invention concerns a method of detecting the antifungal cyclic hexapeptides Pneumocandin B0 and/or Pneumocandin Co specific fragment is/are detected using MS in negative mode.

No. of Pages : 19 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2543/DEL/2008 A

(19) INDIA

(22) Date of filing of Application :10/11/2008

(43) Publication Date : 02/08/2013

(54) Title of the invention : COACH LIGHTING SYSTEM AND METHODS THEREFORE

(51) International classification

:H01L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)H.R. VAISH

Address of Applicant :S-19, PANCHSHILA PARK NEW

DELHI-110017,INDIA

(72)Name of Inventor :

1)H. R. VAISH

(57) Abstract :

An apparatus comprising a plurality of light emitting diodes connected in series parallel configuration, wherein the plurality of light emitting diodes comprises at least one set of light emitting diodes connected in series and each set includes at least a current controller, a first power supply operating at a first voltage level, a second power supply operating at a second voltage level, and a circuit electrically coupled to the first power supply and the second power supply, wherein the circuit is configured to selectively coupling the first power supply and the set of light emitting diodes; and the circuit is configured to, responsive to failure of the first power supply, selectively couple the plurality of light emitting diodes.

No. of Pages : 6 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1360/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :02/07/2009

(43) Publication Date : 02/08/2013

(54) Title of the invention : RECONFIGURABLE HETERODYNE MIXER AND CONFIGURATION METHODS

| | | |
|---|-------------|---|
| (51) International classification | :H04B 1/06 | (71) Name of Applicant : |
| (31) Priority Document No | :08/03813 | 1)THALES |
| (32) Priority Date | :04/07/2008 | Address of Applicant :45 RUE DE VILLIERS, F-92200 |
| (33) Name of priority country | :France | NEUILLY-SUR-SEINE, FRANCE |
| (86) International Application No | :NA | (72) Name of Inventor : |
| Filing Date | :NA | 1)PATRICE ULIAN |
| (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 :

Heterodyne mixer comprising: a divider of a signal RF for generating a signal RF1 and a signal RF2; a reference means comprising a local oscillator generating a reference signal LO; a second division means for dividing the reference signal into a reference signal L01 and into a reference signal L02; at least two mixture cells mixing on the one hand the signal RF1 with the reference signal L01 so as to create an intermediate signal IF1 and on the other hand the signal RF2 with the reference signal L02 so as to create an intermediate signal IF2; a combiner for recombining the intermediate signal IF1 and the intermediate signal IF2 into an intermediate output signal IF. The mixer comprises at least one configurable phase-shifting device for phase-shifting a signal via a remote control.

No. of Pages : 20 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2170/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :14/09/2010

(43) Publication Date : 02/08/2013

(54) Title of the invention : NOVEL CATIONIC AMPHIPHILES WITH MANNOSE-MICKING HEAD-GROUPS FOR TARGETING DNA VACCINES TO DENDRITIC CELLS

| | | |
|---|-------|---|
| (51) International classification | :A61K | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL |
| (32) Priority Date | :NA | RESEARCH |
| (33) Name of priority country | :NA | Address of Applicant :ANUSANDHAN BHAWAN, RAFI |
| (86) International Application No | :NA | MARG, NEW DELHI-110 001, INDIA. |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | :NA | 1)MR. RAMISHETTI SRINIVAS |
| (61) Patent of Addition to Application Number | :NA | 2)MR. ARUP GARU |
| Filing Date | :NA | 3)MR. SACHIN B. AGAWANE |
| (62) Divisional to Application Number | :NA | 4)DR. ARABINDA CHAUDHURI |
| Filing Date | :NA | |

(57) Abstract :

The present invention discloses novel cationic amphiphiles containing mannose-mimicking shikimic and quinic acid head-groups and a process for preparing cationic amphiphiles with mannose-mimicking polar head-groups such as, shikimic and quinic acids. The findings described herein also demonstrate that compounds of the present invention can target model DNA vaccines to antigen presenting cells (APCs) such as macrophages and dendritic cells (DCs), via mannose receptors expressed on the cell surface of APCs. The cationic amphiphiles disclosed herein show enhanced cellular and humoral immune response compared to their mannosyl counterpart in dendritic cell (DC, the most professional APC) based genetic immunization in mice. Cationic amphiphiles with mannose-mimicking quinic and shikic acid head-groups described in the present invention are likely to find future applications in the field of genetic immunization.

No. of Pages : 43 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2171/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :14/09/2010

(43) Publication Date : 02/08/2013

(54) Title of the invention : POLYMERIC FORM OF IONIC LIQUIDS

| | | |
|---|-------|---|
| (51) International classification | :B01D | (71) Name of Applicant : |
| (31) Priority Document No | :NA | 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL |
| (32) Priority Date | :NA | RESEARCH |
| (33) Name of priority country | :NA | Address of Applicant :ANUSANDHAN BHAWAN RAFI |
| (86) International Application No | :NA | MARG, NEW DELHI - 110 001, INDIA. |
| Filing Date | :NA | (72) Name of Inventor : |
| (87) International Publication No | :NA | 1)ULHAS KANHAIYALAL KHARUL |
| (61) Patent of Addition to Application Number | :NA | 2)SANTOSH CHANDRAKANT KUMBHARKAR |
| Filing Date | :NA | 3)RUPESH SUDHAKAR BHAVSAR |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The invention discloses polymeric forms of ionic liquids, PFILs, based on polybenzimidazole (PBI) and a process for the synthesis of such polymeric forms of ionic liquids. The invention also relates to use of PBI based polymeric forms of ionic liquids and their membranes for gas sorption, permeation and separation.

No. of Pages : 30 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1357/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :01/07/2009

(43) Publication Date : 02/08/2013

(54) Title of the invention : APPARATUS AND METHOD FOR COOLING A WIND TURBINE HUB

| | | |
|---|-------------|--|
| (51) International classification | :F03D9/00 | (71) Name of Applicant : |
| (31) Priority Document No | :12/175,157 | 1)GENERAL ELECTRIC COMPANY |
| (32) Priority Date | :17/07/2008 | Address of Applicant :1 RIVER ROAD, SCHENECTADY, |
| (33) Name of priority country | :U.S.A. | NEW YORK 12345 U.S.A. |
| (86) International Application No | :NA | (72) Name of Inventor : |
| Filing Date | :NA | 1)MCCORKENDALE TIMOTHY E. |
| (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 rotor (108) for a wind turbine (100) is provided. The rotor (108) includes a hub (110) and at least one blade (112) coupled to the hub, at least one electric pitch motor operatively coupled to the at least one blade, and a pitch motor control system (130) operatively coupled to the at least one pitch motor, the pitch motor control system comprising a plurality of components (134) that produce excess heat during operation, the plurality of components mounted to an inside surface of the hub.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1358/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :01/07/2009

(43) Publication Date : 02/08/2013

(54) Title of the invention : SECURITY MANAGEMENT USING SOCIAL NETWORKING

| | | |
|---|------------------------|--|
| (51) International classification | :G06F21/00 H04L9/00 | (71) Name of Applicant : 1)HONEYWELL INTERNATIONAL INC. Address of Applicant :101 COLUMBIA ROAD, P.O. BOX 2245, MORRISTOWN, NEW JERSEY 07962-9806, U.S.A. |
| (31) Priority Document No | :NA | |
| (32) Priority Date | :NA | |
| (33) Name of priority country | :NA | (72) Name of Inventor : |
| (86) International Application No | :NA | 1)SAKET DWIVEDI |
| Filing Date | :NA | 2)HARSHA ANGERI |
| (87) International Publication No | :NA | 3)CHANDANA KIRAN |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A system includes a data receiver to receive communications regarding perceived security violations from a group of users. A data base stores the received communications. An analytics engine consolidates received communications and provides reports to security personnel regarding security violations. The system enables users observing various incidents to report those events, enables the administrator to respond to those events by analyzing & categorizing them, encourages users to continue reporting the events through a trust rating based risk/ reward mechanism and enables the organization to create and deploy context based user generated policies.

No. of Pages : 34 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1944/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :12/07/2011

(43) Publication Date : 02/08/2013

(54) Title of the invention : ALUMINA ISOPIPES FOR USE WITH TIN-CONTAINING GLASSES

| | | |
|---|-------------|---|
| (51) International classification | :C07D | (71) Name of Applicant : |
| (31) Priority Document No | :61/363,445 | 1)CORNING INCORPORATED |
| (32) Priority Date | :12/07/2010 | Address of Applicant :1 RIVERFRONT PLAZA, |
| (33) Name of priority country | :U.S.A. | CORNING, NEW YORK 14831, UNITED STATES OF |
| (86) International Application No | :NA | AMERICA |
| Filing Date | :NA | (72) Name of Inventor : |
| (87) International Publication No | :NA | 1)MATTHEW J. DEJNEKA |
| (61) Patent of Addition to Application Number | :NA | 2)BENJAMIN Z. HANSON |
| Filing Date | :NA | 3)THOMAS D. KETCHAM |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Isopipes (13) for making glass sheets using a fusion process are provided. The isopipes are made from alumina materials which have low levels of the elements of group IVB of the periodic chart, i.e., Ti, Zr, and Hf, as well as low levels of Sn. In this way, the alumina isopipes can be used with glasses that contain tin (e.g., as a fining agent or as the result of the use of tin electrodes for electrical heating of molten glass) without generating unacceptable levels of tin-containing defects in the glass sheets, specifically, at the sheets' fusion lines. The alumina isopipes disclosed herein are especially beneficial when used with tin-containing glasses that exhibit low tin solubility, e.g., glasses that have (RO+R2O)/Al2O3 ratios between 0.9 and 1.1, where, in mole percent on an oxide basis, (RO+R2O) is the sum of the concentrations of the glass' alkaline earth and alkali metal oxides and Al2O3 is the glass' alumina concentration.

No. of Pages : 46 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7397/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :27/09/2011

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHOD FOR CHECKING THE LOCATION OF A FEMTOCELL USING A RADIO BROADCAST TRANSMITTER OR A PILOT RADIO SIGNAL TRANSMITTER

(51) International classification :H04M
(31) Priority Document No :10 2009 025 851.5
(32) Priority Date :20/05/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2010/075041
Filing Date :20/05/2009
(87) International Publication No :WO 2010/133225
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DEUTSCHE TELEKOM AG
Address of Applicant :FRIEDRICH-EBERT-ALLEE 140,
53113 BONN, GERMANY
(72)**Name of Inventor :**
1)MARKUS BREITBACH
2)MATTHIAS ROBKE

(57) Abstract :

The invention relates to a method for checking the location of a femtocell (10) having the following steps: receiving radio signals (S1, S2, S3) from at least three transmitters (14, 16, 18) at known locations by the femtocell (10) and by a reference receiver (12) at a l

No. of Pages : 26 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4813/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :23/06/2011

(43) Publication Date : 02/08/2013

(54) Title of the invention : MICROCHANNEL REACTORS

(51) International classification :B01J 10/02
(31) Priority Document No :08306012.9
(32) Priority Date :23/12/2008
(33) Name of priority country :EPO
(86) International Application No :PCT/US2009/068951
Filing Date :21/12/2009
(87) International Publication No :WO 2010/075259
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CORNING INCORPORATED
Address of Applicant :1 RIVERFRONT PLAZA,
CORNING NEW YORK 14831, UNITED STATES OF
AMERICA
(72)**Name of Inventor :**
1)THEIRRY LUC ALAIN DANNOUX
2)PIERRE WOHL

(57) Abstract :

Embodiments of a microchannel reactor (1) comprise a microchannel housing (20) comprising a plurality of channels (23) and an upper microstructure (10) disposed above the microchannel housing (20). The upper microstructure (10) comprising a gas feed circuit (40), a liquid feed circuit (50), and at least one mixing cavity (60). The mixing cavity (60) is in fluid communication with at least one reactive passage (22) of the microchannel housing (20). The gas feed circuit (40) comprises at least one gas feed inlet (41), and the liquid feed circuit (50) comprises at least one liquid feed inlet (51) and at least one liquid reservoir (52) adjacent to the mixing cavity(60), wherein the liquid reservoir (52) is operable to deliver a liquid feed into the mixing cavity (60).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2177/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :14/09/2010

(43) Publication Date : 02/08/2013

(54) Title of the invention : ORGANOMETALLIC MOLYBDENUM ACETYLIDE DIOXO COMPLEX AND PROCESS FOR THE PREPARATION THEREOF

| | | |
|---|-------|---|
| (51) International classification | :C23C | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL |
| (32) Priority Date | :NA | RESEARCH |
| (33) Name of priority country | :NA | Address of Applicant :ANUSANDHAN BHAWAN RAFI |
| (86) International Application No | :NA | MARG, NEW DELHI - 110 001, INDIA. |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | :NA | 1)SHUBHANGI BHALCHANDRA UMBARKAR |
| (61) Patent of Addition to Application Number | :NA | 2)MOHAN KERABA DONGARE |
| Filing Date | :NA | 3)ANKUSH BIRADAR |
| (62) Divisional to Application Number | :NA | 4)VAIBHAV RAVINDRAKUMAR ACHAM |
| Filing Date | :NA | |

(57) Abstract :

The invention discloses organometallic molybdenum acetylidy dioxo complex of formula (η^5 -C₅H₅)MoO₂(-C CPh) and provides a simple, short, efficient process for the synthesis of organometallic molybdenum dioxo complex which is used as catalyst for a number of oxidation reactions.

No. of Pages : 16 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2178/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :14/09/2010

(43) Publication Date : 02/08/2013

(54) Title of the invention : HIGH FLUX HOLLOW FIBER ULTRAFILTRATION MEMBRANES AND PROCESS FOR THE PREPARATION THEREOF

| | | |
|---|-------|--|
| (51) International classification | :B01D | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH |
| (32) Priority Date | :NA | Address of Applicant :ANUSANDHAN BHAWAN RAFI |
| (33) Name of priority country | :NA | MARG, NEW DELHI - 110 001 India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)ALAMURU VENKTARAMI REDDY |
| (87) International Publication No | :NA | 2)PARAMITA RAY |
| (61) Patent of Addition to Application Number | :NA | 3)PUYAM SOBHINDRO SINGH |
| Filing Date | :NA | 4)KALLEM PARASHURAM |
| (62) Divisional to Application Number | :NA | 5)SANDIPKUMAR MAURYA |
| Filing Date | :NA | 6)JITENDRA JAYDEVPRASAD TRIVEDI |

(57) Abstract :

The present invention relates to the development of high flux hollow fiber ultrafiltration membrane prepared from poly (acrylonitrile-co-methacrylic acid), (polysulfone and poly (acrylonitrile-co-methacrylic acid)) and (polysulfone and ion exchange resin (sulfonated polystyrene-divinyl benzene copolymer)) blend and the point-of-use filtration unit there from for water purification and disinfection. The developed membrane has an active layer with pore size which effectively rejects pathogens and other bacteria from contaminated water while allowing the passage of water to produce biologically pure water for drinking. Therefore, the present invention relates to development of hollow fiber ultrafiltration membrane that delivers biologically pure water at a desirable rate, that is at a rate 25-200 liters/m².h. The membrane performance in terms of flux and rejection efficiency is dependent on polymer material type and surface properties. The hollow fiber membrane with interpenetrated structure prepared from a blend of polysulfone and a copolymer of acrylonitrile and methacrylic acid is advantageous over the membranes made either from polysulfone or the copolymer alone in terms of durability, strength, elasticity, smoothness, flux, separation efficiency, fouling resistance properties. The surface modified blend membranes with acid groups which have smaller pore size and surface charge exhibit further improvement in the separation efficiency. Using the hollow fiber membranes a point-of-use water filtration unit which is simple, compact, inexpensive device that does not require electricity has been developed to produce 150-300 ml/min product water when attached to a tap from overhead tank of about 3 meter height.

No. of Pages : 27 No. of Claims : 18

(54) Title of the invention : HEXAPOD PLATFORM AND JACK THAT CAN BE USED IN THE HEXAPOD PLATFORM

(51) International classification :B23B
 (31) Priority Document No :1052655
 (32) Priority Date :08/04/2010
 (33) Name of priority country :France
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)BIA

Address of Applicant :Z.A LES BOUTRIERS, 8, RUE DE I'HAUTIL, 78700 CONFLANS STE HONORINE, FRANCE

(72)Name of Inventor :

1)RAMZI SELLAOUTI**2)FATHI BEN OUEZDOU****3)FAYCAL NAMOUN**

(57) Abstract :

The invention relates to a hexapod platform and to a jack that can be used in the hexapod platform. The jack (10) comprises a body (11), a piston (12) capable of translational movement with respect to the body (11) and a rod (18) connected to the piston (12) to follow its translational movement and by means of which the jack (10) applies load. According to the invention, the rod (18) is connected to the piston (12) by means of a ball joint (21). The hexapod platform comprises six jacks (10) according to the invention. Figure 1.

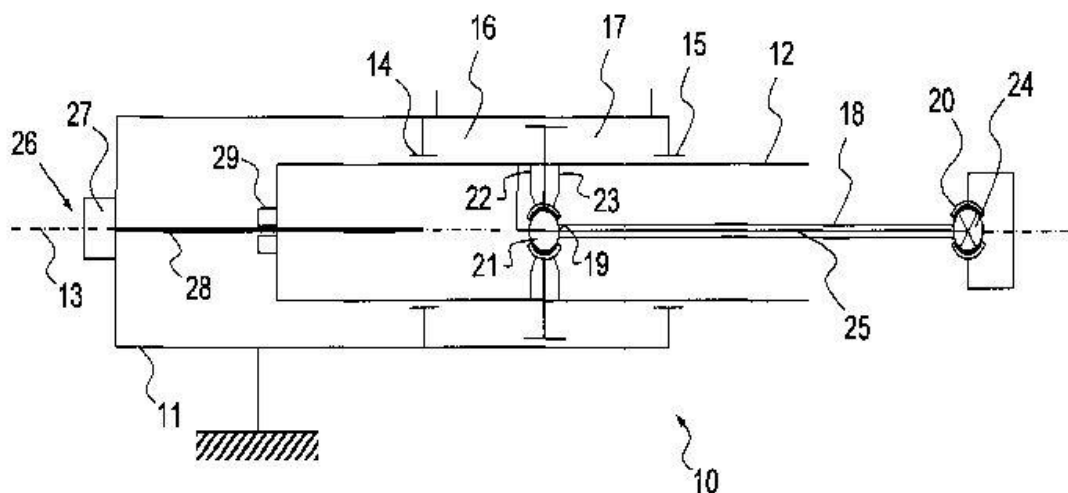


FIG.1

No. of Pages : 14 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.977/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :05/04/2011

(43) Publication Date : 02/08/2013

(54) Title of the invention : AUTOFRETTAGE SYSTEM, AUTOFRETTAGE METHOD, AND METHOD OF PRODUCTION OF WORKPIECE USING AUTOFRETTAGE

| | | |
|---|-------------|--|
| (51) International classification | :B23B | (71)Name of Applicant : |
| (31) Priority Document No | :2010- | 1)DENSO CORPORATION |
| (32) Priority Date | 088606 | Address of Applicant :1-1 SHOWA - CHO KARIYA -CITY |
| (33) Name of priority country | :07/04/2010 | AICHI - PREF. 448 - 8661, JAPAN |
| (86) International Application No | :Japan | (72)Name of Inventor : |
| Filing Date | :NA | 1)KENICHI NIINUMA |
| (87) International Publication No | :NA | 2)HIROMICHI MORITA |
| (61) Patent of Addition to Application Number | :NA | 3)KENTA TATEYAMA |
| Filing Date | :NA | 4)HARUMI KATOU |
| (62) Divisional to Application Number | :NA | 5)FUMIO OOHASHI |
| Filing Date | :NA | 6)TOMONORI INOUE |

(57) Abstract :

An autofrettage system which inserts a piston by a predetermined feed speed into an internal pressure chamber, said predetermined feed speed being made faster than a critical feed speed which corresponds to a maximum leakage flow per unit time of said working oil which leaks out from said clearance due to said insertion.

No. of Pages : 93 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.129/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : THE PATIENT MONITOR WITH AUTOMATIC CONFIGURATION OF DISPLAY FORMAT BASED ON THE CABLE & SENSOR DETECTION

| | | |
|---|------------|---|
| (51) International classification | :A61B 5/00 | (71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED |
| (31) Priority Document No | :NA | Address of Applicant :L & T House Ballard Estate Mumbai |
| (32) Priority Date | :NA | 400 001 State of Maharashtra India and also having a place of |
| (33) Name of priority country | :NA | business named as Medical Equipments & Systems at Gate No. |
| (86) International Application No | :NA | 5 Mysore Campus KIADB Industrial Area Hebbal Mysore- |
| Filing Date | :NA | 570018 Karnataka India |
| (87) International Publication No | : NA | (72)Name of Inventor : |
| (61) Patent of Addition to Application Number | :NA | 1)GHOSH Rajdeep |
| Filing Date | :NA | 2)NAGARAJAN Ravindran |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention relates to an improved patient monitoring device. The device comprises a modular enclosure, a controller means positioned inside said enclosure converting various physiological signals into their corresponding digital forms, plurality of detachable plug-in modules receiving various physiological signals from a target body and transferring said signals to said controller means, plurality of detachable sensor cable means sensing various physiological signals from the target body and transferring them to the plug-in module, input means and output display means operatively connected with said controller means placed on the front side of said enclosure means. The device automatically senses the various types of sensor cables connected and disconnected and accordingly reformat and adjust the display screen to assist the caregiver to provide speedy service.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.172/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :18/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : SYSTEM FOR OPEN DOOR OPERATION OF MOTOR CONTROL CENTRE MODULES USING A CAM LEVER

| | | |
|---|-----------|---|
| (51) International classification | :E06B3/00 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)LARSEN & TOUBRO LIMITED |
| (32) Priority Date | :NA | Address of Applicant :L & T House Ballard Estate Mumbai |
| (33) Name of priority country | :NA | 400 001 Maharashtra India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)LASTE Rohidas |
| (87) International Publication No | : NA | 2)KADAM Ravindra |
| (61) Patent of Addition to Application Number | :NA | 3)MAHABAL Harsha |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

This invention relates generally to a system for control of motor control centre and more particularly to a system for open door operation of motor control centre modules using a cam lever that provide for the operation of the module from isolated to test to service and vice versa through linear motion in one rotation. It comprises a plurality of slots for converting the rotating movement of the of the cam lever in the linear movement of the cam. Additionally, it provides for a simple indication mechanism to show different positions.

No. of Pages : 20 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.194/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : AN INTERACTIVE REMOTE DEVICE FOR TV VIEWERS

| | | |
|---|-----------|--|
| (51) International classification | :G06F3/01 | (71) Name of Applicant : |
| (31) Priority Document No | :NA | 1)KAUSTUBHAN, KALPITA |
| (32) Priority Date | :NA | Address of Applicant :W-1002, SACRED HEART TOWN, |
| (33) Name of priority country | :NA | WANOURIE, PUNE- 410140, Maharashtra India |
| (86) International Application No | :NA | 2)KAUSTUBHAN, SRIVATHSAN |
| Filing Date | :NA | (72) Name of Inventor : |
| (87) International Publication No | :N/A | 1)KAUSTUBHAN, KALPITA |
| (61) Patent of Addition to Application Number | :NA | 2)KAUSTUBHAN, SRIVATHSAN |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

An interactive apparatus for television viewers comprising a remote device wirelessly cooperating with a television, the remote device comprising an input module to receive a plurality of commands from a viewer and a transmitter adapted to point to a location on the television screen and wirelessly transmit the commands to the television; the command being a display of at least one emoticon or providing a response; the television wirelessly receiving the command and creating a static/dynamic emoticon with audio sound and/or words/letters corresponding to the command or displaying said response, on the location pointed to, on the television screen, and the television further configuring the emoticon with the remote device.

No. of Pages : 21 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.277/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : A HUB-LESS RADIAL FAN FOR AN ELECTRICAL ROTATING EQUIPMENT AND ELECTRICAL ROTATING EQUIPMENT WITH HUB-LESS RADIAL FAN, THEREOF

(51) International classification

:F01P
5/02

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:N/A

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)CROMPTON GREAVES LIMITED

Address of Applicant :CROMPTON GREAVES LTD., CG
HOUSE, 6TH FLOOR, DR.ANNIE BESANT ROAD, WORLI,
MUMBAI-400 030, Maharashtra India

(72)Name of Inventor :

1)PANDYA ANKIT

2)UPADHYAY AMARENDRA

(57) Abstract :

A hub-less radial fan for an electrical rotating equipment, and an electrical rotating equipment, thereof, said fan comprises: a ring element characterized by a plurality of fan blades adapted to radially extend from said ring, each of said fan blades including a proximal end being attached to said ring, and a distal end being radially extending away from said ring.

No. of Pages : 12 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.113/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : A PROCESS FOR PREPARING PALIPERIDONE PALMITATE

| | |
|--|--|
| <p>(51) International classification :C07D471/04</p> <p>(31) Priority Document No :NA</p> <p>(32) Priority Date :NA</p> <p>(33) Name of priority country :NA</p> <p>(86) International Application No :NA</p> <p style="padding-left: 20px;">Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA</p> <p style="padding-left: 20px;">Filing Date :NA</p> <p>(62) Divisional to Application Number :NA</p> <p style="padding-left: 20px;">Filing Date :NA</p> | <p>(71)Name of Applicant : 1)WOCKHARDT LIMITED Address of Applicant :D-4 MIDC Industrial area Chikalthana Aurangabad - 431210 Maharashtra India</p> <p>(72)Name of Inventor : 1)Reddy Naveen 2)Raut Vivek Thakaram 3)Mishra Shri Krishna 4)Rao Bhatraju Srinivasa 5)Deo Keshav</p> |
|--|--|

(57) Abstract :

The present invention relates to a process for the preparation of Paliperidone palmitate comprises reaction of paliperidone and palmitoyl chloride in presence of an organic base.

No. of Pages : 8 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.251/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :25/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : SELF MONITORING METHOD AND APPARATUS FOR CONTROLLING HYDROGEN BASED POWER DISTRIBUTION TO A LOAD.

| | | |
|---|---------------|---|
| (51) International classification | :H01M 8/04 | (71)Name of Applicant : 1)ELECTRICAL RESEARCH AND DEVELOPMENT ASSOCIATION |
| (31) Priority Document No | :NA | Address of Applicant :ERDA ROAD, MAKARPURA, |
| (32) Priority Date | :NA | VADODARA 390010, GUJARAT India |
| (33) Name of priority country | :NA | (72)Name of Inventor : |
| (86) International Application No | :NA | 1)SHRINET VAGISH |
| Filing Date | :NA | |
| (87) International Publication No | :N/A | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Self monitoring method and apparatus for controlling hydrogen based power distribution to a load. The method comprises the steps of sensing a primary electric power and an electric load through a rechargeable battery, wherein the power requirement of the load is below the rated battery voltage, utilizing excess primary electric power to drive a water electrolyzer and generate hydrogen and oxygen, storing the hydrogen and utilizing the stored hydrogen to generate electric power and compensate power to the load and also storing and utilizing the oxygen, all the steps being carried out all in real time. The apparatus (1) comprises an electronic controller (2) connected to a primary electric power generating source (3) and further two way connected to a load (6) through an inverter (7) and further two way connected to a rechargeable battery (5). The electronic controller is further connected to a water electrolyzer (8) having a hydrogen outlet (9) and an oxygen outlet (10). A hydrogen storage tank (11) is connected to the hydrogen outlet of the water electrolyser and has atleast one hydrogen outlet (12). A hydrogen to electric power converter (14) is connected to the hydrogen outlet (12) and to the load. The electronic controller is also connected to the hydrogen storage tank. The primary electric power and load power requirement are continuously sensed and monitored by the controller through the rechargeable battery and power compensation to the load is carried out with regeneration of hydrogen as electricity in a real time basis expediently during shortage of power, peak periods of use or primary electric power interruptions

No. of Pages : 18 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.307/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : AN IMPROVED AND COMPACT SPRAY COOLER OF HORIZONTAL CONFIGURATION

| | | |
|---|----------------|--|
| (51) International classification | :F25D 23/00 | (71) Name of Applicant : 1)TRANSPARENT TECHNOLOGIES PRIVATE LIMITED |
| (31) Priority Document No | :NA | Address of Applicant :PUSHPA HEIGHTS, 1ST FLOOR, BIBWEWADI CORNER, PUNE-SATARA ROAD, PUNE-411 |
| (32) Priority Date | :NA | 037, Maharashtra India |
| (33) Name of priority country | :NA | (72) Name of Inventor : |
| (86) International Application No | :NA | 1)ATRE, ASHOK DATTATRAYA |
| Filing Date | :NA | |
| (87) International Publication No | :N/A | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The invention relates to an improved and compact Spray Cooler of horizontal configuration. The spray comprises a cooling chamber 1 of geometrical cross section. One end closed and other opposite end having convergent shape with an opening at the end. The said chamber 1 placed longitudinally in a horizontal configuration. One or more spray nozzle/nozzles, 9 connected to the hot jacketed liquid pipe out let, fixed symmetrically inside the said closed one end. A cyclone separator 2 air in-let connected to the said other end opening of chamber. An air blower 3 having an inlet connected to the said cyclone air outlet. A heat exchanger 4 inlet is connected to the said air blower 3 out let and the out let of said heat exchanger 4 connected to the air distributor means 10 provided inside the said camber at the said one end. One or more controlled air inlet/ inlets, 12 connected to the said out let of said air blower by T-joint means, 11 provided at top of the said chamber for forming air curtains along the inside surface of chambers. A screw conveyer provided at housing, formed by longitudinal converging bottom, having an out let opening 14 to the said extended housing 8 at other end of the said chamber; the discharge conical out let of said cyclone separator is connected to the said housing 8 of screw conveyer 6.

No. of Pages : 15 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.153/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : SYSTEM AND METHOD FOR TRANSMITTING DATA FROM DIN MOUNTABLE ENERGY METER TO HAND-HELD/MOBILE/TABLET DEVICE.

| | | |
|---|-------------|---|
| (51) International classification | :G01R 22/06 | (71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :LARSEN & TOUBRO LIMITED ELECTRICAL & AUTOMATION NORTH WING, GATE 7, LEVEL 0, POWAI CAMPUS, SAKI VIHAR ROAD, MUMBAI 400 072, Maharashtra India |
| (31) Priority Document No | :NA | |
| (32) Priority Date | :NA | |
| (33) Name of priority country | :NA | |
| (86) International Application No | :NA | |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | :N/A | 1)SHYAM PRABHU. N |
| (61) Patent of Addition to Application Number | :NA | 2)LAKSHMESHA P K |
| Filing Date | :NA | 3)MANGESH PATIL |
| (62) Divisional to Application Number | :NA | 4)CHANCHALA KUMARI |
| Filing Date | :NA | |

(57) Abstract :

The present invention provides a data fetching system adapted for remotely fetching the data from a DIN mountable energy meter. The data fetching system comprises a DIN mountable Wi-Fi module adapted to communicate with the DIN mountable energy meter through a first communication medium. The data fetching system includes a handheld data receiving device communicating with the DIN mountable Wi-Fi module through a second communication medium. The data fetching system includes a plurality of screens on the handheld data receiving device presented by a customized application loaded on the handheld data receiving device. The screens provide categorized remote access to a plurality of instantaneous parameters of the DIN mountable energy meter through the first communication medium and the second communication medium.

No. of Pages : 12 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.195/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : A SMART TELEVISION REMOTE DEVICE

| | | |
|---|-----------|--|
| (51) International classification | :G06F3/01 | (71) Name of Applicant : |
| (31) Priority Document No | :NA | 1)KAUSTUBHAN, ADITYA |
| (32) Priority Date | :NA | Address of Applicant :W-1002, SACRED HEART TOWN, |
| (33) Name of priority country | :NA | WANOURIE, PUNE- 410140, Maharashtra India |
| (86) International Application No | :NA | 2)KAUSTUBHAN, SRIVATHSAN |
| Filing Date | :NA | (72) Name of Inventor : |
| (87) International Publication No | :N/A | 1)KAUSTUBHAN, ADITYA |
| (61) Patent of Addition to Application Number | :NA | 2)KAUSTUBHAN, SRIVATHSAN |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A remote device for automatically muting/un-muting television audio, the remote device wirelessly cooperating with a television, the remote device comprising a user-interface for receiving a plurality of commands for operation of the television from a viewer; and an electronic module cooperating with the user-interface, the electronic module comprising: a memory device to store the commands; an analyzer for analyzing the stored commands including at least one sequence of television audio mute/un-mute command received from the viewer through the user-interface, the sequence comprising the time, date, day and duration of the command during a television viewing period; an editor for updating the stored commands in the event that there is any change in the commands received from the viewer; and execution means for executing the stored commands, diurnally during the television viewing period.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.255/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :25/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : A MODULAR AIR GUIDE

| | |
|---|-----------|
| (51) International classification | :H05K7/20 |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | :N/A |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)Name of Applicant :

1)CROMPTON GREAVES LIMITED

Address of Applicant :CROMPTON GREAVES LTD., CG
HOUSE, 6TH FLOOR, DR.ANNIE BESANT ROAD, WORLI,
MUMBAI-400 030, Maharashtra India

(72)Name of Inventor :

1)PANDYA ANKIT

2)UPADHYAY AMARENDRA

(57) Abstract :

A modular air guide for electrical equipment, said air guide being an annular ring having a defined width between its inner diameter and its outer diameter, said defined width being a flat section between said inner diameter and said outer diameter, characterized in that, said flat section comprises at least an annular hinges concentric to said inner diameter and said outer diameter, said at least an annular hinges being enabled to collapse segments adjacent to said at least an hinge, thereby reducing the effective width of said guide in a collapsed configuration and increasing the effective width of said guide in a non-collapsed configuration.

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.311/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :02/02/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : A CYLINDRICAL CONTAINER HAVING A HINGEDLY CONNECTED LID AND BASE

| | | |
|---|------------|--|
| (51) International classification | :B65D85/00 | (71) Name of Applicant : |
| (31) Priority Document No | :NA | 1)MR. HARESH MEHTA |
| (32) Priority Date | :NA | Address of Applicant :JAYANT HOUSE, BAIL BAZAR |
| (33) Name of priority country | :NA | ANDHERI-KURLA ROAD KURLA, MUMBAI 400 070 |
| (86) International Application No | :NA | Maharashtra India |
| Filing Date | :NA | (72) Name of Inventor : |
| (87) International Publication No | :N/A | 1)MR. HARESH MEHTA |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The invention discloses a rounded container with a hingedly connected lid and base, which are configured from a continuous spine made of rigid creasable material. The receptacle is made of flexible creasable material. The spine comprises of: i. a back panel, ii. an outer round panel, an inner round panel and an extreme round panel extending from each end of the back panel. The outer panels hingedly extend from the back panel. The spacers between the round panels, are foldable along by double creased lines. The extreme panel comprising of two hemispheres is separated by a 1st spacer formed by a pair of dye creased parallel lines between the two hemispheres. The 2nd and 3rd spacers created by pairs of identically spaced parallel dye creased lines separate the round panels . The lid and base are formed by the round panels folded along crease lines in a predetermined manner . The receptacle panel is secured by its opposite sides to the spine along the length of the back, to form a receptacle, which is closed at both ends by the lid and base.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :25/01/2010

(43) Publication Date : 02/08/2013

(54) Title of the invention : AN ARC CHUTE ASSEMBLY HAVING IMPROVED ARC QUENCHING AND A CIRCUIT INTERRUPTING DEVICE COMPRISING SAID ARC CHUTE ASSEMBLY

(51) International classification

:H01H9/34;
H01H9/44

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:N/A

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)LARSEN & TOUBRO LIMITED

Address of Applicant :L&T HOUSE, BALLARD ESTATE,
MUMBAI 400001, STATE OF Maharashtra India

(72)Name of Inventor :

1)PURANDARE, KEDAR R.

2)BANDARI, SHANKAR

(57) Abstract :

The present invention relates to an arc chute assembly having improved arc quenching. The assembly comprises plurality of material coated de-ion plates (4) each of which de-ion plates is coated with plurality of different materials having different predetermined work functions (1, 2 and 3). Each of the de-ion plates (4) is coated with materials having less work function at its bottom portion and high work function at its top portion adapted to provide fast cathode root formation aiding in faster arc travel into the assembly. The invention also relates to a circuit interrupting device comprising the arc chute assembly.

No. of Pages : 14 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : 'POLE-WISE MODULAR TERMINAL BLOCK FOR MOLDED CASE CIRCUIT BREAKER

| | | |
|---|--|---|
| (51) International classification | :H01H73/02, H01H73/06, H01H73/18 | (71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAI-400001, Maharashtra India |
| (31) Priority Document No | :NA | (72) Name of Inventor : |
| (32) Priority Date | :NA | 1)UNNI MOHAN M |
| (33) Name of priority country | :NA | 2)KAMALARAJ KANNAN |
| (86) International Application No | :NA | 3)VEERASAMY RAMASAMY |
| Filing Date | :NA | |
| (87) International Publication No | :N/A | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Disclosed herein is a pole-wise modular terminal block that comprises a slot and a joining piece. The joining piece is a flexible component and is inserted into the slot of the pole-wise terminal blocks by click fit action for connecting two or more pole-wise terminal blocks together.

No. of Pages : 20 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.313/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :02/02/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR IDENTIFYING AND ANALYZING PERSONAL CONTEXT OF A USER

| | | |
|---|------------|---|
| (51) International classification | :G06Q10/00 | (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, |
| (33) Name of priority country | :NA | NARIMAN POINT, MUMBAI 400021, Maharashtra India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)PAL, ARPAN |
| (87) International Publication No | :N/A | 2)PURUSHOTHAMAN, BALAMURALIDHAR |
| (61) Patent of Addition to Application Number | :NA | 3)MISRA, PRATEEP |
| Filing Date | :NA | 4)KOPPARAPU, SUNIL KUMAR |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A method and system for identifying personal context of a user having a portable mobile communication device at a particular location for deriving social interaction information of the user, wherein the user within a predefined range is identified using personal context of the user at the particular location and the identified personal context of the user is assigned with the confidence value. Further the current location information of the user within the particular location is obtained by fusing assigned confidence value. Further the proximity of the user in the current location is estimated by finding the accurate straight line distance between users. Further the two users having similar current location information at the particular location are grouped together with the predefined density criteria. Finally the social interaction information of the user is derived by multimodal sensor data fusion at the fusion engine and represented using a human network graph.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.314/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :02/02/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : A SYSTEM, A METHOD AND, AN APPARATUS FOR VEHICULAR COMMUNICATION.

| | | |
|---|-----------------|---|
| (51) International classification | :G08G 1/0968 | (71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, Maharashtra India |
| (31) Priority Document No | :NA | |
| (32) Priority Date | :NA | |
| (33) Name of priority country | :NA | (72) Name of Inventor : |
| (86) International Application No | :NA | 1)PURUSHOTHAMAN, BALAMURALIDHAR |
| Filing Date | :NA | 2)SRINIVASARENGAN, KRISHNAN |
| (87) International Publication No | :N/A | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A system and method vehicle-to-mobile communication using a smart horn (515) comprising, a first processor (520) embedded in the vehicle, configured to generate and broadcast a plurality of sound waves having two spectrums, an audible spectrum and an inaudible spectrum, the sound waves comprising a plurality of information embedded (530) into the inaudible spectrum. A vehicle-embedded system (505) coupled to the said first processor (520) to capture a plurality of signals associated with the vehicle-embedded system. A second processor embedded in a receiving device (540) configured to capture and interpret the plurality of information embedded into the inaudible spectrum. The receiving device (540) comprising an application (545) that enables the receiving device (540) to interpret the plurality of information embedded in the inaudible sound spectrum captured by at least one microphone (535).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.166/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :18/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : FRONT FORK PRE-LOAD ADJUSTMENT CARTRIDGE.

| | | |
|---|----------------|---|
| (51) International classification | :B62K 25/08 | (71) Name of Applicant : 1)MAHINDRA 2-WHEELERS LIMITED |
| (31) Priority Document No | :NA | Address of Applicant :D1 BLOCK, PLOT NO. 18/2 |
| (32) Priority Date | :NA | (PART), MIDC, CHINCHWAD, PUNE - 411 019 |
| (33) Name of priority country | :NA | Maharashtra India |
| (86) International Application No | :NA | (72) Name of Inventor : |
| Filing Date | :NA | 1)SHAIKH ABDUL MAAJID |
| (87) International Publication No | :N/A | 2)SURI SHIVANI |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A load adjuster assembly for adjusting the load conditions of a spring element disposed within a fork pipe includes a plunger and nut sub-assembly, a knob, at least one sealing ring and a threaded collar. The plunger and nut sub-assembly includes a plunger and a nut. The plunger has threads on its outer surface and is displaced angularly within the fork pipe. The nut is having internal threads that are complimentary to the threads of the plunger and is threadably engaging the threads of the plunger. The nut is axially displaced in response to angular displacement of the plunger and exerts compression and de-compression forces on the spring element for adjusting its loading. The knob extends from the plunger and is disposed outside the fork pipe for angularly displacing the plunger. The threaded collar retains the load adjuster assembly within the fork-pipe.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.198/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :25/01/2010

(43) Publication Date : 02/08/2013

(54) Title of the invention : NOVEL COMPOSITIONS FOR REDUCING A 42 PRODUCTION AND THEIR USE IN TREATING ALZHEIMER'S DISEASE (AD)

| | | |
|---|----------------------------|--|
| (51) International classification | :C07D401/12; C07D213/56 | (71)Name of Applicant : 1)KAREUS THERAPEUTICS, LLC Address of Applicant :2919 CRAVEY TRLE, ATLANTA, GA 30345, U.S.A. |
| (31) Priority Document No | :NA | |
| (32) Priority Date | :NA | |
| (33) Name of priority country | :NA | (72)Name of Inventor : |
| (86) International Application No | :NA | 1)VENKATESWARLU AKELLA |
| Filing Date | :NA | 2)UDAY SAXENA |
| (87) International Publication No | :N/A | 3)ANJI REDDY KALLAM |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Novel small molecule compounds for reduction of A 42 production and for treatment of Alzheimers Disease and other neurodegenerative disorders, methods of making them and pharmaceutical compositions containing them are described.

No. of Pages : 73 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.198/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : IMPROVED INBUILT CELL TAB STRESS RELIEVING STRUCTURE IN CELL CASSETTE

| | | |
|---|-------------------------------------|---|
| (51) International classification | :H01M4/86, H01M4/94, H01M8/02 | (71) Name of Applicant : 1)MILJOBIL GRENLAND AS Address of Applicant :HEROYA INDUSTRIPARK, BYGG 114, POSTBOKS 1023, N-3905 PORSGRUNN, NORWAY |
| (31) Priority Document No | :NA | (72) Name of Inventor : |
| (32) Priority Date | :NA | 1)LARS BRISENDAL |
| (33) Name of priority country | :NA | 2)KJETIL JOHANSEN |
| (86) International Application No | :NA | 3)NICHOLAS LENES |
| Filing Date | :NA | 4)JAMIE SAUNDERS |
| (87) International Publication No | :N/A | 5)AKHILESH KUMAR SRIVASTAVA |
| (61) Patent of Addition to Application Number | :NA | 6)LARS OLE VALOEN |
| Filing Date | :NA | 7)SVERRE WIIK OBERG |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

This invention presents a cassette design to allow the cell tabs to acquire stress relieving structure (4) which is of great importance for vibration resistance. In this design, the cell tabs (2) acquire a special stress relieving structure (4) which provides vibration resistance and prevents the weld failure between cell tabs (2) and current collector (7). Such kind of vibration resistant packaging strategy is very important for transportation batteries. This invention also discusses the packaging strategy of curved tabs. A cassette design assembly process which excludes the extra efforts needed to create stress relieving structure (4) in the tab (2). This design acts as a mould for tab (2) to acquire stress relieving structure (4) when packaged. Tab support feature is in-built in the cassette.

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.315/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :02/02/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : ARSENIC REMOVAL FILTER USING NANO IRON COATED RICE HUSK ASH

| | | |
|---|----------------|---|
| (51) International classification | :B01D 24/00 | (71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED |
| (31) Priority Document No | :NA | Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, |
| (32) Priority Date | :NA | NARIMAN POINT, MUMBAI 400021, Maharashtra India |
| (33) Name of priority country | :NA | (72) Name of Inventor : |
| (86) International Application No | :NA | 1)GANVIR, VIVEK N |
| Filing Date | :NA | |
| (87) International Publication No | :N/A | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention provides a method for preparing a nano iron coated rice husk ash (RHA) via using a green tea extract. The present invention also relates to an apparatus comprising a housing provided with an inlet and an outlet, and at least one layer of filter media comprising a nano iron coated rice husk ash (RHA) positioned between two water permeable holding means.

No. of Pages : 17 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.68/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :09/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : A POLYHERBAL COMPOSITION FOR SKIN CARE

(51) International classification :A61K36/28
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SHIROMANI GURUDWARA PRABANDHAK
COMMITTEE'S GURU NANAK KHALSA COLLEGE
Address of Applicant :NATHALAL PAREKH MARG,
MATUNGA, MUMBAI - 400019 Maharashtra India
(72)**Name of Inventor :**
1)SUKHJEET KAUR GUJRAL
2)RAMESH TRIMBAK SANE

(57) Abstract :

A Polyherbal composition effective in skin care, comprising singularly or in certain combinations a. 0.01% to 15% of Ziziphus extract b. 0.01% to 10% of Prunus extract c. suitable delivery system and d. suitable carrier

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.273/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : CHAR FIRING SYSTEM.

| | | |
|---|----------------|---|
| (51) International classification | :F23C 99/00 | (71) Name of Applicant : 1)THERMAX LIMITED Address of Applicant :D-13, MIDC INDUSTRIAL AREA, R.D. AGA ROAD, CHINCHWAD, PUNE- 411 019, Maharashtra India |
| (31) Priority Document No | :NA | |
| (32) Priority Date | :NA | |
| (33) Name of priority country | :NA | |
| (86) International Application No | :NA | (72) Name of Inventor : |
| Filing Date | :NA | 1)KUMRA SATISH |
| (87) International Publication No | :N/A | 2)GAIKWAD JALINDAR |
| (61) Patent of Addition to Application Number | :NA | 3)KULKARNI UMESH |
| Filing Date | :NA | 4)YADAV JEEVAN |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A fluidized bed combustion boiler system for firing char is disclosed. The boiler system includes a combustor (102) comprising a fluidization chamber for combusting a fluidized solid fuel, an air distributor plate is arranged in the operative lower portion of the combustor (102) for introducing hot combustion air in the fluidization chamber. An in-bed heat exchanger coil (112) is arranged in the fluidization chamber which extracts heat from the fluidized bed. A convention heat exchanger (116, 118) is provided in an upstream region at the operative top of the combustor for extracting heat from flue gas. The boiler system can be used to fire up to 100 % char without a need for co-firing with another fuel or use of a coal support, also the system eliminates the need to supply bed material intermittently during the combustion process.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.293/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : ENERGY EFFICIENT PROCESS FOR SYNTHESIS OF ALIPHATIC AMINO ACID SALTS.

| | | |
|---|----------------|---|
| (51) International classification | :C12N 15/09 | (71)Name of Applicant : 1)RELIANCE INDUSTRIES LIMITED Address of Applicant :3RD FLOOR, MAKER CHAMBER - IV, 222, NARIMAN POINT, MUMBAI 400 021, Maharashtra India |
| (31) Priority Document No | :NA | |
| (32) Priority Date | :NA | |
| (33) Name of priority country | :NA | |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)PATIL HARSHAD RAMDAS |
| (87) International Publication No | :N/A | 2)BHAJIWALA HIREN MANOJKUMAR |
| (61) Patent of Addition to Application Number | :NA | 3)GUPTA VIRENDRAKUMAR |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention relates to an improved energy efficient process for the synthesis of aliphatic amino acid salts comprising hydrolyzing lactam in an aqueous media in the presence of alkali at a low temperature range of 85 - 90°C, reaction time of 3 - 6 hours and the molar ratio of the alkali: lactam is 1.2:1 - 1.3:1.

No. of Pages : 8 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.793/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :23/03/2010

(43) Publication Date : 02/08/2013

(54) Title of the invention : A GAS CIRCUIT BREAKER

| | | |
|---|--------------------------|---|
| (51) International classification | :H01H33/70; H01H33/56 | (71) Name of Applicant : 1)CROMPTON GREAVES LIMITED Address of Applicant :CG HOUSE, DR ANNIE BESANT ROAD, WORLI, MUMBAI - 400 030, Maharashtra India |
| (31) Priority Document No | :NA | (72) Name of Inventor : |
| (32) Priority Date | :NA | 1)JAISWAL RAJENDRA |
| (33) Name of priority country | :NA | 2)SINGAL VIVEK |
| (86) International Application No | :NA | 3)RAKESH JAIN |
| 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 gas circuit breaker. The circuit breaker (1) comprises a stationary arc contact (2) and a moving arc contact (3) located within an insulating material nozzle (4) concentrically surrounding the contacts and comprising a constriction (5). The moving arc contact is disposed in the nozzle adapted to move along the central axis of the nozzle and make and break contact with the stationary arc contact. The nozzle is filled with an arc quenching insulating gas such as SF₆ gas and is made with an erosion resistance material such as polytetrafluoroethylene and pigmented or filled with a pigment or filler such as tungsten disulphide. The nozzle further comprises a gas flow restricting and expanding member (12) made of a hard, erosion resistant, thermally conductive and arc reflecting material and located in the nozzle against the sidewall of the constriction thereof facing the arcing zone in the nozzle. The member (12) comprises a constricted portion (12a) in abutment with the sidewall of the constriction facing the arcing zone and matching with the crosssection of the constriction and a flared portion (12b) directed towards the arcing zone.

No. of Pages : 12 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.309/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : COMMUTATORLESS AND BRUSHLESS DC MACHINES WITH STATIONARY ARMATURE

| | |
|---|------------|
| (51) International classification | :H02K13/10 |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | :N/A |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)**Name of Applicant :**

1)MANE, SAMBHAJI SHANKARRAO

Address of Applicant :FLAT NO. 7, MAHAVIR
APARTMENTS, VISAWANAKA, SATARA, DIST-SATARA
(M.S.) - 415003, Maharashtra India

(72)**Name of Inventor :**

1)MANE, SAMBHAJI SHANKARRAO

(57) Abstract :

The invention relates to commutatorless, brushless DC machine with stationary armature and method of operating the same. The armature system is so deployed within magnetic flux producing arrangement having closed path for flux through magnetic substance except air gaps, that the two coil sides of an armature coil are facing like poles of two different magnetic field-systems 1 and 2, During DC generator operation magnetic field systems are rotated or moved linearly in same direction with respect to stationary armature such that DC emf in each coil is sum of emfs of all insulated conductor which are alternately facing magnetic fields 1 and 2. During DC motor operation rotatable torque or linear force is generated by armature coil conductors carrying direct current on magnetic field systems 1 and 2, causing the rotation or linear movement of the above said two magnetic field systems in same direction.

No. of Pages : 177 No. of Claims : 73

(12) PATENT APPLICATION PUBLICATION

(21) Application No.169/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :18/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : 'AN ASSEMBLY FOR REDUCTING IMPULSE ACTION OF VEHICLE AND A METHOD OF ASSEMBLING THEREOF'

| | | |
|---|-----------------|---|
| (51) International classification | :B60R 21/231 | (71) Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :Bombay House 24 Homi Mody Street Hutatma Chowk Mumbai 400 001 Maharashtra India |
| (31) Priority Document No | :NA | |
| (32) Priority Date | :NA | |
| (33) Name of priority country | :NA | (72) Name of Inventor : |
| (86) International Application No | :NA | 1)VIJAY VEER SINGH |
| Filing Date | :NA | 2)GANGANI BHAVESH |
| (87) International Publication No | : NA | 3)MANOJ PATHADE |
| (61) Patent of Addition to Application Number | :NA | 4)AMIT KOTHAWADE |
| Filing Date | :NA | 5)REVATI CHOLKAR |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The disclosure provides for an assembly for reducing impulse action of a vehicle to passengers. The assembly comprises a pair of seat arrays facing each other, wherein back rests of the seat arrays are connected to side walls of the vehicle and a secondary floor connected to the seat arrays at its base using plurality of support tubes. The secondary floor is placed above at predetermined distance from a primary floor of the vehicle.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.360/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :10/02/2010

(43) Publication Date : 02/08/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF DNA FROM THALASSAEMICS BLOOD AND COST-EFFECTIVE AND SENSITIVE KIT THEREOF.

| | | |
|---|-------------------------|---|
| (51) International classification | :C12N 15/10; C12N 15/09 | (71)Name of Applicant : 1)C.S.R.D. Address of Applicant :CENTRE FOR SCIENTIFIC, RESEARCH & DEVELOPMENT(CSRD), PEOPLE'S GROUP, BY-PASS ROAD,BHANPUR, BHOPAL-462 037, Madhya Pradesh India |
| (31) Priority Document No | :NA | |
| (32) Priority Date | :NA | |
| (33) Name of priority country | :NA | (72)Name of Inventor : |
| (86) International Application No | :NA | 1)DANGI,C.B.S. |
| Filing Date | :NA | 2)KAUR,MANPREET |
| (87) International Publication No | : NA | 3)VERMA,DROPADI |
| (61) Patent of Addition to Application Number | :NA | 4)S.S.SANDU |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Beta-thalassemia is a serious health problem in India. Disorder is relatively common worldwide and it is a most common autosomal single gene disorder in man. Its clinical severity is highly variable, ranging from asymptomatic hypochromla and microcytosis to profound ineffective erythropoiesis and haemolytic Anaemia that is fatal in childhood or early adolescence without chronic red cell transfusion support. Severe forms of thalassemia thus present alarming public health problems in areas of the world that are often least able to offer the sophisticated and exclusive medical support that these patients require. Screening is the primary need. The screening of mass population to evaluate the percentage of affected individuals. Appraise the probability of neonates having the thalassaemia. The screening initiates with pathological test but in present day the molecular analysis is the need of today. Method to extract DNA should be more economic and bestow good results.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.660/MUMNP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : POLYOLEFIN RESIN COMPOSITION

| | | |
|--|---------------------|---|
| (51) International classification | :CO8L23/00,CO8K5/25 | (71) Name of Applicant : 1)ADEKA CORPORATION Address of Applicant :2-35, HIGASHIOGU 7-CHOME, ARAKAWA-KU, TOKYO 1168554 JAPAN |
| (31) Priority Document No | :2009-244760 | (72) Name of Inventor : 1)NOMURA, KAZUKIYO 2)FUKUSHIMA, MITSURU |
| (32) Priority Date | :23/10/2009 | |
| (33) Name of priority country | :Japan | |
| (86) International Application No | :PCT/JP2010/067633 | |
| Filing Date | :07/10/2010 | |
| (87) International Publication No | :WO/2011/048955 | |
| (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 polyolefin resin composition which exhibits excellent processing cycle and mechanical characteristics, while having small deformation during molding, namely small deformation due to shrinkage anisotropy. Specifically disclosed is a polyolefin resin composition which is obtained by blending 0.01-10 parts by mass, preferably 0.05-5 parts by mass of (B) a compound represented by formula (I) per 100 parts by mass of (A) a polyolefin resin, preferably a polypropylene. The polyolefin resin composition may also contain, if necessary, a phenolic, phosphorus, thioether or hydroxylamine antioxidant, an ultraviolet absorbent, a hindered amine light stabilizer, another nucleator, or the like.

No. of Pages : 17 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.122/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : SYSTEM FOR AUTOMATIC STOP AND RESTART OF MOTOR ENGINE AND METHOD TO OPERATE THE SAME

| | | |
|---|------------|--|
| (51) International classification | :F28D15/00 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)AKSHAY EKNATH BODKE |
| (32) Priority Date | :NA | Address of Applicant :6, SAPAT APARTMENTS, TIDKE |
| (33) Name of priority country | :NA | COLONY, NASHIK 422002, Maharashtra India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)AKSHAY EKNATH BODKE |
| (87) International Publication No | :N/A | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention is directed to an engine automatic stop-restart system and apparatus mounted on a motor vehicle that performs automatic engine-stop control in response to certain preset engine stop or restart conditions and so configured to loop upstream functions thus allowing exceptional conditions wherein the vehicle engine is required to be kept running irrespective of the predetermined stop conditions being satisfied.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.805/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :24/03/2010

(43) Publication Date : 02/08/2013

(54) Title of the invention : MINI COFFEE ROASTER DEVICE

| | | |
|---|----------------------------------|---|
| (51) International classification | :A23N 12/08; A23N 12/00 | (71) Name of Applicant : 1)UMESH VENKATESH KULKARNI Address of Applicant :D-1102, KUMAR KSHITIJ, SAHAKARNAGAR 2, PUNE-411 009, Maharashtra India |
| (31) Priority Document No | :NA | (72) Name of Inventor : |
| (32) Priority Date | :NA | 1)UMESH VENKATESH KULKARNI |
| (33) Name of priority country | :NA | |
| (86) International Application No | :NA | |
| Filing Date | :NA | |
| (87) International Publication No | : NA | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention provides a mini-device (100) for roasting coffee beans comprising a drum (110) rotating about a horizontal axis for roasting a predetermined small amount of coffee beans, a stand (130) for supporting said drum (110) over a heating means (170), a means (150) for rotating the drum (110), a cover (120) for closing open end of the drum (110), and an opening means (190) for removing chaff only separated from the coffee berries during roasting. Thus the present invention allows roasting small amount of the coffee beans as per the user requirements at home thereby allowing user to take real taste of the coffee beans.

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

(54) Title of the invention : AN AUTOMATED SYSTEM FOR ONLINE COOLING, TESTING AND PACKING INCANDESCENT LAMPS

| | | |
|---|------------------------|--|
| (51) International classification | :H01J7/26; H01J5/50 | (71)Name of Applicant : 1)CROMPTON GREAVES LIMITED |
| (31) Priority Document No | :NA | Address of Applicant :CG HOUSE,DR ANNIE BESANT |
| (32) Priority Date | :NA | ROAD, PRABHADEVI,MUMBAI 400 030, Maharashtra |
| (33) Name of priority country | :NA | India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)GAJJAR PINKALKUMAR KISHORLAL |
| (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 :

An automated system for online cooling, testing and packing incandescent lamps. The system (1) comprises a lamp cooling conveyor mechanism (2) disposed between a capping machine (3) and a quality testing machine (4) and comprising a plurality of endless conveyors (5) arranged one below the other spacedly in series in the vertical plane and movable in the forward and reverse directions. A loading conveyor (7) is disposed between one end of the conveyor mechanism and the capping machine vertically inclined and it comprises a feed end (8) disposed in the proximity of the capping machine adapted to receive capped lamps (not shown) from the capping machine and a discharge end (9) disposed in the proximity of the top end of the conveyor mechanism adapted to deliver capped lamps to the top most conveyor. An unloading conveyor (10) is disposed between the testing machine and the other end of the conveyor mechanism vertically inclined and it comprises a feed receiving end (11) disposed in the proximity of the lowermost conveyor of the conveyor mechanism adapted to receive cooled lamps from the conveyor mechanism and a cooled lamp discharging end (12) disposed in the proximity of the quality testing machine adapted to deliver cooled lamps to the quality testing machine. A good lamp carrying conveyor (13) is disposed between the quality testing machine and a packing machine (14) with its one end (15) disposed in the proximity of the quality testing machine adapted to receive good lamps from the quality testing machine and the other end (16) disposed in the proximity of the packing machine adapted to deliver good lamps to the packing machine.

No. of Pages : 10 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.286/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : CONTROL SYSTEM AND METHOD FOR TRANSIENT RESPONSE TEST OF TRANSFORMER

| | | |
|---|----------------|---|
| (51) International classification | :B23K 11/25 | (71) Name of Applicant : 1)KAUSTUBH SADASHIV PATIL |
| (31) Priority Document No | :NA | Address of Applicant :2, SEJAL PARK, NEAR RASIKA |
| (32) Priority Date | :NA | STORES, TIDAKE NAGAR, UNTWADI, NASHIK 422008, |
| (33) Name of priority country | :NA | Maharashtra India |
| (86) International Application No | :NA | (72) Name of Inventor : |
| Filing Date | :NA | 1)KAUSTUBH SADASHIV PATIL |
| (87) International Publication No | :N/A | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention provides a control system and method for transient test of transformer. The control system comprises a transformer, an adaptive control module connected to the primary of a transformer, a zero cross detector implemented by a comparator for providing waveform synchronizing signal, a circuit breaker connected to the secondary of the transformer and an analog to digital converter for acquiring voltage from the secondary of the transformer wherein the adaptive control module is configured for controlling the circuit breaker.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.276/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : AN IMPROVED HEAT EXCHANGER WITH AERODYNAMIC TUBES

| | | |
|---|-----------|--|
| (51) International classification | :F28F1/00 | (71)Name of Applicant : 1)CROMPTON GREAVES LIMITED |
| (31) Priority Document No | :NA | Address of Applicant :CROMPTON GREAVES LTD., CG |
| (32) Priority Date | :NA | HOUSE, 6TH FLOOR, DR. ANNIE BESANT ROAD, WORLI, |
| (33) Name of priority country | :NA | MUMBAI-400 030, Maharashtra India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)SAXENA AMRITA |
| (87) International Publication No | :N/A | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

An improved heat exchanger comprising a plurality of tubes bundled together in a parallel configuration with respect to each other in order to allow entry of air from one end of the tubes and exit of air from the other end, characterized in that, each of said tubes include a sector-shaped or almond-shaped cross-section.

No. of Pages : 18 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.114/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : NO LOAD SWITCHING APPARATUS WITH A RACKING MECHANISM FOR THREE POSITION DISCONNECTION

| | | |
|---|-----------|---|
| (51) International classification | :B66B5/00 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)LARSEN & TOUBRO LIMITED |
| (32) Priority Date | :NA | Address of Applicant :L & T House Ballard Estate Mumbai |
| (33) Name of priority country | :NA | 400 001 Maharashtra India |
| (86) International Application No | :NA | 2)TAMCO SWITCHGEAR SDN BHD |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)Avanish |
| (61) Patent of Addition to Application Number | :NA | 2)TAN Chee Ding; |
| Filing Date | :NA | 3)YUE Chi Sing Lucas; |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

This invention relates generally to a switching apparatus and more particularly to a No load switching apparatus with a racking mechanism for complete protection of the system. The invention provides for three position disconnection for isolating a load and further connecting it to EARTH comprising: an enclosure (1) providing housing for the mechanism and contact system (9); a racking screw (6) and racking nut (7) that is connected to a rotating shaft that operates the contact system (9) between three positions; an operating handle (2) to operate the mechanism; a plurality of supporter insulator (3) to support contact terminals etc. It provides complete safety to the system and service personnel.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.303/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : LIPID BASED UNANI ANTIPSORIATIC HERBAL COMPOSITION

| | | |
|---|----------------|--|
| (51) International classification | :A61K 36/00 | (71) Name of Applicant : 1)MAHARASHTRA COSMOPOLITAN EDUCATION SOCIETY |
| (31) Priority Document No | :NA | Address of Applicant :2390, K.B.HIDAYTULLAH ROAD, |
| (32) Priority Date | :NA | AZAM CAMPUS, PUNE-411 001, Maharashtra India |
| (33) Name of priority country | :NA | (72) Name of Inventor : |
| (86) International Application No | :NA | 1)DR. BHISE KIRAN SANJAY |
| Filing Date | :NA | 2)DR. MULLA GAZALLA |
| (87) International Publication No | : NA | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention provides a lipid based Unani anti psoriatic herbal composition in emugel form comprising a mixture of herbal extracts of Lawsonia Inermis Linn, (Barg-a-Hinna), Cassia angustifolia (Sana Makki), Commiphora myrrha (Mur Makki), and Saussoria Lappa (Qust Sheeri) in a solvent, an excipient or mixture thereof, and a moisturizing agent. The excepients may be Hydroxy Propyl Methyl Cellulose, exemplified by commercially available HPMC CR, Carbapol commercially available as carbapol 940, cremophore commercially available as Cremophor RH40, Capmul as Capmul MCM, or Captex as Captex 355 and moisturizing agents may be honey or Alevora juice.

No. of Pages : 10 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.158/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :17/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : A WINDSHIELD WIPING APPARATUS AND A METHOD OF ASSEMBLING THEREOF

| | | |
|---|---------------|---|
| (51) International classification | :B60S 1/06 | (71) Name of Applicant : 1)TATA MOTORS LIMITED |
| (31) Priority Document No | :NA | Address of Applicant :Bombay House 24 Homi Mody |
| (32) Priority Date | :NA | Street Hutatma Chowk Mumbai 400 001 Maharashtra India |
| (33) Name of priority country | :NA | (72) Name of Inventor : |
| (86) International Application No | :NA | 1)Ashfaque Ahmed Ansari |
| Filing Date | :NA | |
| (87) International Publication No | : NA | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present disclosure provided relates to a windshield wiping apparatus (1) integrated with washer jet (11) comprising a wiper motor (12), a pump unit (13) and a control switch (14) for displacing liquid from a reservoir (15) to a wiping element (3) characterised in that: a wiper arm (7) connected to the wiper motor (12) at one end and a holder (2) pivotably connected to other end of the wiper arm (7). Further a washer conduit (8) is held with the wiper arm (7) by a clamping means (9). And a wiper element (3) provided with at least one spray nozzle (10) on its wiping edge is connected to the holder (2).

No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.170/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :18/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : ACTUATING SYSTEM FOR ELECTRICAL COMPONENTS.

| | | |
|---|----------------|--|
| (51) International classification | :E05B 17/22 | (71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAI-400 001, Maharashtra India |
| (31) Priority Document No | :NA | |
| (32) Priority Date | :NA | |
| (33) Name of priority country | :NA | (72) Name of Inventor : |
| (86) International Application No | :NA | 1)ROHIT PATIL |
| Filing Date | :NA | 2)KULKARNI ONKAR |
| (87) International Publication No | :N/A | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention provides a mechanism for coupling and actuating plurality of electrical component 200. The mechanism includes at least two seats 204, at least one shaft 202, at least two pin housing 208, and at least one pin 210. The two seats 204 are configured on opposite lateral sides 220a and 220b of each of the electrical component 200. The shaft 202 is adapted to detachably secure with the seat 204 on either side of the electrical component 200. The two pin housing 208 are configured on opposite lateral sides 220a and 220b of each of the electrical component 200. The pin 210 is adapted to detachably secure with the pin housing on either side of the electrical component 200. Therefore, the pin 210 and the shaft 202 can be attached on both the side of the component 200, which enables to detachable secure other similar components on both the later side 220a and 220b of the component 200.

No. of Pages : 19 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.267/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :27/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : ADJUSTABLE BEARING NUT

| | | |
|---|-------------|---|
| (51) International classification | :F16C 35/00 | (71) Name of Applicant : 1)BARAD DEVAYATBHAI KARSHANBHAI |
| (31) Priority Document No | :NA | Address of Applicant :BAJARANG DAIRY FARM, |
| (32) Priority Date | :NA | KRISHNA PALACE APARTMENT, SAIBABA SOCIETY, |
| (33) Name of priority country | :NA | B/H. BUS STAND, JUNAGADH, SAURASHTRA, |
| (86) International Application No | :NA | GUJARAT, INDIA. |
| Filing Date | :NA | (72) Name of Inventor : |
| (87) International Publication No | :N/A | 1)BARAD DEVAYATBHAI KARSHANBHAI |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

In the present invention, two threaded check nut are provided on both side of the spacer for removing the play between two bearings. The use of the present invention gives easy operation for lubricating both the bearings and also save the excessive wear of tires and lubricant. By using the present invention maintenance cost is reduce and bearing hub assembly with axle work continuously without breakdown.

No. of Pages : 12 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.193/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : SUPOSHA-PROTEIN ENERGY RICH SUPPLEMENTARY FOOD

(51) International classification :A23L1/48
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MARATHWADA KRISHI VIDYAPEETH
Address of Applicant :KRISHI NAGAR, PARBHANI,
431402 Maharashtra India
(72)**Name of Inventor :**
1)DR. ASHA BHIMRAOJI ARYA
2)DR. ROHINI DEVI

(57) Abstract :

A Protein Energy Rich supplementary food SUPOSHA was prepared by using different variations of ingredients. The prepared products were subjected to sensory evaluation and the best accepted variation was selected for further experiment. The nutrient analysis, shelf life study and feeding trials were conducted for the selected product. The findings of the study indicated that SUPOSHA had obtained high sensory scores. The data regarding nutrient analysis of SUPOSHA revealed that the product is rich source of energy, protein and calcium. The in-vitro protein digestibility of SUPOSHA is very good which is 91.92 percent. SUPOSHA was very well accepted after storage duration of three months in airtight containers at room temperature. Feeding trials with SUPOSHA for 90 days to malnourished children resulted in increase of weight and blood protein of experimental children. Hence, it can be concluded that SUPOSHA can be used as a Protein Energy Rich Supplementary Food.

No. of Pages : 6 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.256/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :25/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : ECUMENICAL MECHANISM FOR CIRCUIT BREAKERS

| | | |
|---|------------|---|
| (51) International classification | :H01H 5/04 | (71) Name of Applicant : 1)LARSEN & TOUBRO LIMITED |
| (31) Priority Document No | :NA | Address of Applicant :L&T HOUSE, BALLARD ESTATE, |
| (32) Priority Date | :NA | MUMBAI-400001, Maharashtra India |
| (33) Name of priority country | :NA | (72) Name of Inventor : |
| (86) International Application No | :NA | 1)PRAVEEN KUMAR DEEPAK VELAYUDHAN |
| Filing Date | :NA | 2)PRABHU NATARAJAN |
| (87) International Publication No | :N/A | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Disclosed herein is a universal mechanism for MCCBs that comprises a latch bracket having a first profile and a second profile. The first profile guides the latch bracket and helps in stopping its rotation during tripped condition. The second profile acts as a spring for retaining the original position of the latch bracket during reset. Further, there are provided bends in the fork for allowing the trip lever to rotate further for obtaining a trip free and contact resetting.

No. of Pages : 17 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.317/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :02/02/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : A CONTAINER WITH AN INTERNAL DISPENSING ASSEMBLY

| | | |
|---|---------------|--|
| (51) International classification | :B67D 1/06 | (71) Name of Applicant : 1)MR. HARESH MEHTA |
| (31) Priority Document No | :NA | Address of Applicant :JAYANT HOUSE, BAIL BAZAR |
| (32) Priority Date | :NA | ANDHERI-KURLA ROAD KURLA, MUMBAI 400 070 |
| (33) Name of priority country | :NA | Maharashtra India |
| (86) International Application No | :NA | (72) Name of Inventor : |
| Filing Date | :NA | 1)MR. HARESH MEHTA |
| (87) International Publication No | :N/A | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention claims a sealed six walled container for flowable material with an internal dispensing assembly. The dispensing assembly comprises of a slidable support along the length of one of the walls with a trough at one end and a dispensing means snugly accommodated within the trough. There is an aperture along one of the lateral walls of the container at the trough end of the slidable support, through which the slidable support can be drawn out of the container. Furthermore, an inclined base structure which is secured to a wall opposite the aperture is supported on the slidable support, with its incline extending over the dispensing means.

No. of Pages : 14 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.107/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : DOORBELL SYSTEM WITH CHANGEABLE TUNES

| | | |
|---|-----------|--|
| (51) International classification | :G08B7/00 | (71) Name of Applicant : |
| (31) Priority Document No | :NA | 1)DHOPLE ANAND, ANANT |
| (32) Priority Date | :NA | Address of Applicant :C/10 GURUPUSHYAMRUT, |
| (33) Name of priority country | :NA | VIDYALAYA MARG, MULUND (E) MUMBAI-400081, |
| (86) International Application No | :NA | Maharashtra India |
| Filing Date | :NA | (72) Name of Inventor : |
| (87) International Publication No | :N/A | 1)DHOPLE ANAND, ANANT |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A programmable doorbell system (200) for playing polyphonic audio files is disclosed. The doorbell system (200) comprises an electronic device (214) operatively connected to a circuit (204) and configured for playing a polyphonic audio file in response to the activation of the circuit (204) to audibly indicate the actuation of a doorbell actuation switch (202). For uploading a polyphonic audio file on the doorbell system (200), the electronic device (214) receives a URI of an audio file transmitted over the wireless from a portal or gateway, downloads the content of the audio file, and polyphonically plays the audio file on actuation of the doorbell actuation switch (202).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.278/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : ENZYMATIC PROCESS FOR FAT AND OIL HYDROLYSIS

| | | |
|---|---------------|--|
| (51) International classification | :C12P 7/00 | (71)Name of Applicant : 1)LALI ARVIND MALLINATH Address of Applicant :DBT-ICT CENTRE FOR ENERGY BIOSCIENCES, INSTITUTE OF CHEMICAL TECHNOLOGY (DEEMED UNIVERSITY), NATHALAL PARIKH MARG MATUNGA (EAST) MUMBAI 400 019 Maharashtra India |
| (31) Priority Document No | :NA | (72)Name of Inventor : 1)LALI ARVIND MALLINATH |
| (32) Priority Date | :NA | 2)ODANETH; ANNAMMA ANIL |
| (33) Name of priority country | :NA | 3)VADGAMA; RAJESH NATWARLAL |
| (86) International Application No | :NA | 4)BHAT; ANURADHA DEVNAS |
| Filing Date | :NA | 5)PANDE; AMIT |
| (87) International Publication No | :N/A | 6)WARKE; MRUNAL ANIL |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

An efficient process for enzymatic hydrolysis of fats and oils in a homogenous mixture is provided herein. The present invention in particular provides a process for production of fatty acids, sn-regio mono-acylglycerol (MAG), sn-regio diacyl-glycerols (DAG), and glycerol from fats, wherein more than 98% fats can be converted into the desired product. The present invention also provides a process for the production of fatty acids and glycerol, virtually free of sn-regio diacyl-glycerols (DAG) and comprising less than 5% sn-regio mono-acylglycerol (MAG) in the end product.

No. of Pages : 53 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.205/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :20/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : OFFLINE AND ONLINE LEARNING OPPORTUNITY CREATION, DISCOVERY AND SHARING PLATFORM.

| | | |
|---|-----------|--|
| (51) International classification | :G09B5/06 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)MR. VISHAD SHANGHVI |
| (32) Priority Date | :NA | Address of Applicant :12-C WOODLANDS, DR. G. |
| (33) Name of priority country | :NA | DESHMUKH MARG, MUMBAI- 400026, Maharashtra India |
| (86) International Application No | :NA | 2)MR. SIDDHARTH KAMAL BHANSALI |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | :N/A | 1)MR. VISHAD SHANGHVI |
| (61) Patent of Addition to Application Number | :NA | 2)MR. SIDDHARTH KAMAL BHANSALI |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The online website service of the present invention is a creative tool that enables creative learning to take place through exchange of content between various participants like, random website visitors and other registered participants of the portal. The non registered participants who are random visitors of the website can sign up and add comments to various sections of the website. The registered participants vary from vendors, administrators, teachers and students. Learners who aspire to learn have to browse and sign up for attending a particular class. Teachers have the provision to set up and post classes. Learners can browse a list of classes and choose the ones to attend. The learners can also review and rate the content of the classes. Vendors can manage teacher accounts. Here the administrator is the master controller of the service who manages all the participant accounts and also scrutinizes the content before it is published on the website.

No. of Pages : 44 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.597/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :05/03/2010

(43) Publication Date : 02/08/2013

(54) Title of the invention : A FIXTURE FOR MOUNTING OF CEILING FAN

| | | |
|---|---------------------------|---|
| (51) International classification | :F04D25/08; F04D 33/00 | (71) Name of Applicant : 1)CROMPTON GREAVES LIMITED Address of Applicant :CG HOUSE, DR ANNIE BESANT ROAD, WORLI, MUMBAI - 400 030, Maharashtra India |
| (31) Priority Document No | :NA | (72) Name of Inventor : |
| (32) Priority Date | :NA | 1)RAO SHYLES |
| (33) Name of priority country | :NA | 2)SIDDIQUE JAMAL |
| (86) International Application No | :NA | |
| Filing Date | :NA | |
| (87) International Publication No | : NA | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A fixture for mounting and un-mounting of a ceiling fan assembly from a U-shaped clamp in the ceiling is provided. The ceiling fan assembly comprises of the fan motor and fan blades being supported below from a down rod having a J-slit. The fixture comprises of a mounting hook encapsulated in a rubber gasket sleeve and a key. The mounting hook and the key are pivotally held together with a key holder.. The key is retractable and extendable in the mounting hook subject to an action of a spring. The key when retracted against the spring releases the key from the free end of the mounting hook and an extension of the key facilitates a coupling to the U-shaped clamp. The key holder is provided with a hook to latch a firm support with the J-slit in the down rod.

No. of Pages : 8 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2300/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/03/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHOD FOR CONTROL OF A GEARBOX

| | |
|---|--------------------|
| (51) International classification | :F16H61/02 |
| (31) Priority Document No | :0901182-6 |
| (32) Priority Date | :14/09/2009 |
| (33) Name of priority country | :Sweden |
| (86) International Application No | :PCT/SE2010/050983 |
| Filing Date | :14/09/2010 |
| (87) International Publication No | :WO 2011/031231 |
| | A1 |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)**Name of Applicant :**

1)SCANIA CV AB

Address of Applicant :S-151 87 SODERTALJE Sweden

(72)**Name of Inventor :**

1)FREDRIK SWARTLING

2)MIKAEL WAGBERG

(57) Abstract :

The present invention relates to a system for control of a gearbox, comprising at least one control unit intended to control said gearbox in a motor vehicle provided with an engine connected to, in order to drive, said gearbox, such that said system is adapted to effecting a downshift in said gearbox from a first gear for which said vehicle's acceleration a is negative to a second gear for which the acceleration a is positive or zero, said downshift involves at least one intermediate gear step between said first and second gears, and the highest engine speed at each intermediate gear step is as-high as, or higher than, the highest engine speed at preceding intermediate gear steps. The invention relates also to a method, a motor vehicle, a computer programme and a computer programme product thereof

No. of Pages : 20 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2676/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/03/2012

(43) Publication Date : 02/08/2013

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

(51) International classification :G06F 3/048
(31) Priority Document No :2009-229481
(32) Priority Date :01/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/064770
Filing Date :31/08/2010
(87) International Publication No :WO 2011/040165
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SONY CORPORATION
Address of Applicant :1-7-1 KONAN, MINATO-KU,
TOKYO 108-0075 Japan
(72)Name of Inventor :
1)EIJU YAMADA
2)YOSHINORI OHASHI
3)AKIHIKO KINOSHITA

(57) Abstract :

[Object] To provide an information processing apparatus, an information processing method, and a program for enabling a user to easily and accurately determine an operation state of the apparatus. [Solution] An information processing apparatus includes a display panel 101a, a touch panel 101b for detecting a finger moving on the display panel, and a control unit 103 for designating a predetermined moving direction Dd and determining an operation state of the apparatus based on a difference between the designated moving direction Dd and a moving direction Da of the finger moving on the display panel according to the designation. When the apparatus is operated with either hand, a difference due to a finger used for the operation easily occurs between the designated moving direction and the moving direction of the finger due to a structure of the hand. When the apparatus is operated with both hands, a difference due to fingers used for the operation hardly occurs between the designated moving direction and the moving direction of the finger. An operation state of the apparatus can be determined based on the difference between the moving directions.

No. of Pages : 33 No. of Claims : 14

(54) Title of the invention : SQUIRREL-CAGE ROTOR AND METHOD FOR PRODUCING SUCH A SQUIRREL-CAGE ROTOR

| | | |
|--|--------------------------|--|
| (51) International classification | :H02K15/00, H02K17/16 | (71)Name of Applicant : |
| (31) Priority Document No | :102009041564.5 | 1)MAN Diesel & Turbo SE |
| (32) Priority Date | :15/09/2009 | Address of Applicant :Stadtbachstr. 1 86153 Augsburg |
| (33) Name of priority country | :Germany | Germany |
| (86) International Application No | :PCT/DE2010/050046 | (72)Name of Inventor : |
| Filing Date | :15/07/2010 | 1)KLEYNHANS George |
| (87) International Publication No | : NA | 2)LAUBER Uwe |
| (61) Patent of Addition to Application | :NA | 3)ORTMANN Peter |
| Number | :NA | 4)SUTER Roger |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The invention relates to a squirrel-cage rotor (1) and a method for producing such a squirrel-cage rotor, which comprises a rotor shaft (100 having a solid rotor section (11) composed of ferromagnetic material, which solid rotor section has a plurality of through-passages (12) but extend in an axial direction of the rotor shaft, a plurality of electrically conductive rod elements (20), which are each accommodated in one of the through-passages (12) so that the rod elements (20) extend through the solid rotor section (11) in the axial direction, wherein the rod elements (20) each have a first longitudinal end (20a) and a second longitudinal end (20b) facing away from the first longitudinal end, and two electrically conductive end elements (30, 40), which electrically connect the first longitudinal ends (20a) to each other and the second longitudinal ends (20b) to each other so that a squirrel-cage is formed by the rod elements (20) and the end elements (30, 40). The rod elements (20) are accommodated in the through-passages (12) in such a way that a relative motion in the axial direction of the rotor shaft (10) between the solid rotor section (11) and the rod elements (20) is enabled in the event of a length change of the rod elements (20) and/or of the solid rotor section (11).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2704/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/03/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHOD FOR SUPPLYING POWER FROM A FUEL CELL TAKING SULPHUR OXIDE POLLUTION INTO ACCOUNT, AND POWER SUPPLY DEVICE

(51) International classification :H01M 8/04

(31) Priority Document No :0904592

(32) Priority Date :25/09/2009

(33) Name of priority country :France

(86) International Application No :PCT/FR2010/000639

Filing Date :24/09/2010

(87) International Publication No :WO 2011/036356

A1

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

**1)COMMISSARIAT A L'ENERGIE ATOMIQUE ET
AUX ENERGIES ALTERNATIVES**

Address of Applicant :25 RUE LEBLANC, BATIMENT

LE PONANT D, F-75015 PARIS France

(72)Name of Inventor :

1)LEMAIRE, OLIVIER

2)BARDI, NICOLAS

3)BARTHE, BENOIT

4)FRANCO, ALEJANDRO

(57) Abstract :

The method for supplying power from a fuel cell detects a sulphur oxide in the oxidising gas of the cell and decreases the operating temperature of the cell when the quantity of sulphur oxide detected is greater than a predetermined threshold. The temperature decrease can vary according to the degradation rate of the performances.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3148/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :09/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING FASTER AND MORE EFFICIENT DATA COMMUNICATION

| | | |
|---|--------------------------|--|
| (51) International classification | :G06F11/00, G01R31/08 | (71)Name of Applicant : 1)HOLA NETWORKS LTD. |
| (31) Priority Document No | :61/249,624 | Address of Applicant :7th Giborei Israel Street PO Box |
| (32) Priority Date | :08/10/2009 | 8025 42507 Natanya Israel |
| (33) Name of priority country | :U.S.A. | (72)Name of Inventor : |
| (86) International Application No | :PCT/US2010/051881 | 1)VALENSKI Ofer |
| Filing Date | :08/10/2010 | 2)SHRIBMAN Derry B. |
| (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 system designed for increasing network communication speed for users, while lowering network congestion for content owners and ISPs. The system employs network elements including an acceleration server, clients, agents, and peers, where communication requests generated by applications are intercepted by the client on the same machine. The IP address of the server in the communication request is transmitted to the acceleration server, which provides a list of agents to use for this IP address. The communication request is sent to the agents. One or more of the agents respond with a list of peers that have previously seen some or all of the content which is the response to this request (after checking whether this data is still valid). The client then downloads the data from these peers in parts and in parallel, thereby speeding up the Web transfer, releasing congestion from the Web by fetching the information from multiple sources, and relieving traffic from Web servers by offloading the data transfers from them to nearby peers.

No. of Pages : 66 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3404/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : WIRELESS POWER TRANSMISSION DEVICE AND POWER GENERATION DEVICE PROVIDED WITH WIRELESS POWER TRANSMISSION DEVICE

| | | |
|---|-------------------------|---|
| (51) International classification | :H02J17/00, H02J7/35 | (71)Name of Applicant : 1)Panasonic Corporation |
| (31) Priority Document No | :61/391,274 | Address of Applicant :1006 Oaza Kadoma Kadoma-shi |
| (32) Priority Date | :08/10/2010 | Osaka 571-8501 Japan |
| (33) Name of priority country | :U.S.A. | (72)Name of Inventor : |
| (86) International Application No | :PCT/JP2011/005631 | 1)KANNO Hiroshi |
| Filing Date | :06/10/2011 | |
| (87) International Publication No | : NA | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A wireless power transmission unit includes oscillators that convert DC energy into RF energy with a frequency f_0 , power transmitting antennas that transmit the RF energy, and power receiving antennas that receive at least a part of the RF energy transmitted by the power transmitting antennas. The energies received by the power receiving antennas are combined in parallel with each other and then the combined energy is output. Each power transmitting antenna is a series resonant circuit in which a power transmitting inductor and a first capacitor are connected in series. Each power receiving antenna is a parallel resonant circuit in which a power receiving inductor and a second capacitor are connected in parallel. If the oscillator has a voltage step-up ratio V_{oc} , the power transmitting inductor has an inductance L_1 , the power receiving inductor has an inductance L_2 , and the power transmitting and power receiving antennas have a coupling coefficient k , $(L_2/L_1) \geq 4(k/V_{oc})^2$ is satisfied. The absolute value of the phase difference θ_{res} between the respective resonant magnetic fields of first and second pairs of resonant antennas is set to fall within the range of 90 to 180 degrees.

No. of Pages : 104 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3408/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :17/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING SETTINGS OF A DEVICE FOR PLAYBACK OF A CONTENT ITEM

| | | |
|---|-------------------------|---|
| (51) International classification | :H04N5/00, H04N5/445 | (71)Name of Applicant : |
| (31) Priority Document No | :09175183.4 | 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. |
| (32) Priority Date | :06/11/2009 | Address of Applicant :GROENEWOUDSEWEG 1 |
| (33) Name of priority country | :EPO | EINDHOVEN 5621 BA NETHERLANDS |
| (86) International Application No | :PCT/IB2010/054819 | (72)Name of Inventor : |
| Filing Date | :25/10/2010 | 1)MELS Frank Kamiel Irena |
| (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 method for controlling settings of a rendering device (100) for playback of a content item, said rendering device (100) being connectable to at least one source device (110), said at least one source device (110) providing at least one content item, the method comprising the steps of: generating a plurality of entries (220 1 to 220 9) for one or more of said at least one source device (110), each of the plurality of entries (220 1 to 220 9) corresponding to a different profile in the form of an activity supported for the particular source device, each profile comprising settings for playback of a content item received from the corresponding source device (110) that are unique to that particular source device combined with that activity; enabling a user to select one of said entries; and controlling settings of said rendering device (100) for playback of the received content item according to the profile corresponding to said selected entry.

No. of Pages : 11 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3515/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : COATING MATERIAL FOR FRIED AND/OR DEEP-FRIED FOOD

| | | |
|---|--------------------|--|
| (51) International classification | :A23L1/176 | (71)Name of Applicant : |
| (31) Priority Document No | :2009-240021 | 1)NIPPON STARCH CHEMICAL CO. LTD. |
| (32) Priority Date | :19/10/2009 | Address of Applicant :3-29 Mitsuyakita 3-chome |
| (33) Name of priority country | :Japan | Yodogawa-ku Osaka-shi Osaka-532-0032 Japan |
| (86) International Application No | :PCT/JP2010/068348 | (72)Name of Inventor : |
| Filing Date | :19/10/2010 | 1)TSUCHIYA Yusuke |
| (87) International Publication No | : NA | 2)IESATO Hisayuki |
| (61) Patent of Addition to Application Number | :NA | 3)NAKAJIMA Toru |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention provides in an environmentally-friendly manner a coating material for fried and/or deep-fried food capable of yielding fried and/or deep-fried foods exhibiting a high level of adhesiveness and excellent texture with a good balance between crisp feel and soft feel. More specifically according to the present invention a coating material for fried and/or deep-fried food consisting in an oil/fat-treated starch is prepared by using a non-modified starch as a raw starch for the oil/fat-treated starch wherein the raw starch contains 25% by mass or more of a legume starch and whose amylose content ranges between 10 and 60% by mass. A better adhesiveness is demonstrated when the resulting oil/fat-treated starch has a viscosity retention rate equal to or higher than 75%.

No. of Pages : 36 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : METRONOMIC CONVECTION ENHANCED DELIVERY OF INTRATHECAL CHEMOTHERAPY USING AN IMPLANTED MAGNETIC BREATHING PUMP (MBP) FOR LEPTOMENINGEAL CARCINOMATOSIS

(51) International classification :A61F2/958

(31) Priority Document No :12/581,756

(32) Priority Date :19/10/2009

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

(86) International Application No :PCT/US2010/053146

Filing Date :19/10/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)PHARMACO-KINESIS CORPORATION

Address of Applicant :10524 S. La Cienega Blvd.
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(72)Name of Inventor :

1)SHACHAR Yehoshua

2)CHEN Thomas

3)FARKAS Leslie

4)MARX Bruce

5)JOHNSON David

6)FARKAS Laszlo

(57) Abstract :

A magnetically controlled pump is implanted into the cerebrospinal fluid of a patient and delivers a plurality of medicating agents at a controlled rate corresponding to the specific needs of the patient. The current invention comprises a flexible double walled lumen intratumoral catheter which will be implanted. Spinal fluid drawn from the patient is analyzed. Medication is delivered on a continuous metronomic basis into the CSF via an internalized pump. CSF is removed and analyzed for VEGF and other cytokines via spectrophotometer analysis or a lab on a chip. The operation of the apparatus and hence the treatment is remotely controlled based on these measurements and displayed through an external controller.

No. of Pages : 65 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3517/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : STEP SWITCH COMPRISING A POLARITY SWITCH FOR A VARIABLE TRANSFORMER

| | |
|---|--------------------|
| (51) International classification | :H01F29/04 |
| (31) Priority Document No | :10 2009 060 132.5 |
| (32) Priority Date | :23/12/2009 |
| (33) Name of priority country | :Germany |
| (86) International Application No | :PCT/EP2010/006665 |
| Filing Date | :02/11/2010 |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)**Name of Applicant :**
1)Maschinenfabrik Reinhausen GmbH
Address of Applicant :Falkensteinstrasse 8 D-93059
Regensburg Germany
(72)**Name of Inventor :**
1)KRAEMER Axel
2)SHEN Dazhong

(57) Abstract :

The invention relates to a step switch provided with a preselector and a polarity circuit a separate polarisation resistance being respectively provided at the beginning mid the end of the stepped winding. Optionally the two polarisation resistances can be connected continuously or via separate polarity switches.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3518/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : NOVEL COMPOSITIONS FOR PREVENTING AND/OR TREATING DEGENERATIVE DISORDERS OF THE CENTRAL NERVOUS SYSTEM

(51) International classification :A01N43/40
(31) Priority Document No :61/258,803
(32) Priority Date :19/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/051447
Filing Date :05/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

The present invention provides novel compounds as well as compositions and methods using the same for preventing and/or treating degenerative disorders of the central nervous system. In particular the present invention provides methods for preventing and/or treating Parkinson™s disease

No. of Pages : 93 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3519/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF MCP-1 MEDIATED INFLAMMATORY DISEASES

(51) International classification :A61K31/165

(31) Priority Document No :09425368.9

(32) Priority Date :23/09/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/062979

Filing Date :03/09/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(57) Abstract :

The present invention relates to a pharmaceutical composition comprising a combination of 1-benzyl-3-hydrox-ymethyl-indazole derivative a pressure lowering agent selected from ACE-inhibitors renin inhibitors ARBs and CCBs and/or a cholesterol lowering agent selected from statin derivatives. The combination showed an additive and synergistic activity in reducing MCP- 1 levels thus significantly improving inflammatory response inhibition and consequently reducing complications occurring in patients suffering from inflammatory diseases.

No. of Pages : 42 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3230/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : LOW NOISE BATTERY

| | |
|--|------------------------|
| (51) International classification | :H01M2/20, H05K9/00 |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No | :PCT/CA2009/001395 |
| Filing Date | :07/10/2009 |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

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(72)**Name of Inventor :**

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2)SCHYNDEL Andre John Van

(57) Abstract :

A method and battery are provided comprising a case having a first electrode (FIG. 2, 206) and a second electrode (FIG. 2, 208), a first conductor (FIG. 2, 212) having a first portion (FIG. 5, 506 and 514) for directing a first current (FIG. 2, 214) from a first electrode (FIG. 2, 206), a second conductor (FIG. 2, 216) having a first portion (FIG. 5, 508 and 514) for directing a second current (FIG. 2, 218) from a second electrode (FIG. 2, 208), a second portion of the first conductor (FIG. 2, 212) for carrying the first current (FIG. 2, 214) in a first direction, and a third portion of the first conductor (FIG. 2, 212) for carrying the first current (FIG. 2, 214) respectively in a second direction. The first portion (FIG. 5, 506 and 514) of the first conductor (FIG. 2, 212) and the first portion (FIG. 5, 508 and 514) of the second conductor (FIG. 2, 216) are substantially symmetric and proximate. The second portion (FIG. 5, 516) and the third portion (FIG. 5, 518) are outside the case (FIG. 5, 502), and the first direction (FIG. 2, 220) is substantially opposite from the second direction (FIG. 2, 222). The second portion (FIG. 5, 516) and the third portion (FIG. 5, 518) are proximate and separated by an insulator (FIG. 5, 520).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3529/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : DOWNHOLE HEAT EXCHANGER FOR A GEOTHERMAL HEAT PUMP

(51) International classification :F24J3/08
(31) Priority Document No :10 2009 045 882.4
(32) Priority Date :21/10/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/065162
Filing Date :11/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)G-RING Rainer
4)PAWLIK Andreas

(57) Abstract :

The invention relates to a dowhole heat exchanger for extracting geothermal energy from a borehole wherein the thner surface of the exchanger tube comprises the following roughness values: a) an arithmetic mean roughness Ra according to DIN EN ISO 4287 in the range of 1 to 15 jam b) an averaged roughness Rz according to DIN EN ISO 4287 in the range of 8 to 80 jam and c) a maximum roughness depth Rz_{lmax} according to DIN EN ISO 4287 in the range of 10 to 500 am comprising an improved precipitation film during operation such that the entire surface of the exchanger tube is uniformly wetted.

No. of Pages : 12 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3530/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : VESSEL NECK CONSTRUCTION OF A PRESSURE VESSEL

| | |
|---|--------------------|
| (51) International classification | :F17C13/06 |
| (31) Priority Document No | :10 2009 049 948.2 |
| (32) Priority Date | :19/10/2009 |
| (33) Name of priority country | :Germany |
| (86) International Application No | :PCT/EP2010/005516 |
| Filing Date | :08/09/2010 |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

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2)WALBROEL Stefan

(57) Abstract :

The invention relates to a pressure vessel for the storage of liquid or gaseous media. The pressure vessel (1) comprises a plastic inner vessel (2) with at least one neck piece (4) which is not connected in one piece with the latter and which is arranged on the vessel neck in the region of the vessel orifice (8) and with a supporting jacket (3) at least partially surrounding the plastic inner vessel (2) and the neck piece (4) The neck piece (4) is provided with means for receiving a connection fitting (9). The pressure vessel according to the invention is distinguished by an insert (5) which forms at least part of the vessel neck and which forms a sealing seat for the fitting (9) to be inserted into the neck piece (4).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3531/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : AIR CONDITIONING SYSTEM

(51) International classification :B60H1/22
(31) Priority Document No :2009-242441
(32) Priority Date :21/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/004961
Filing Date :06/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)YAMABE Kenichiro

(57) Abstract :

The present invention provides an air conditioning system for conditioning air in a passenger compartment of a motor vehicle including a secondary cell or a fuel cell for driving wheels with a motor. The air conditioning system includes a catalyst heater, an air conditioning duct, and an air conditioning fan. The catalyst heater generates heat by supplying a fuel and an oxidizing gas to the catalyst. The air conditioning duct is connected with an intake port and a blowing port. The air conditioning fan is provided in the air conditioning duct so that the air in the passenger compartment can circulate. The air in the air conditioning duct is conditioned by utilization of the heat generated with the catalyst heater so that the air in the passenger compartment is conditioned. As a result, there is provided an air conditioning system that can inhibit the heater for air conditioning such as heating from consuming the power of the secondary cell and the like so as to avoid reduction of the travel distance and cell lifetime, in a motor vehicle having the secondary cell or fuel cell in which its wheels are driven with a motor using the secondary cell and the like, such as an electric vehicle, hybrid vehicle, and fuel cell vehicle.

No. of Pages : 36 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3532/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : ETHYLENE POLYMER HAVING IMPROVED RESISTANCE AGAINST DEGRADATION IN THE PRESENCE OF LIQUID FUELS COMPRISING PEROXIDES AND PLASTIC FUEL TANKS MADE OF IT

(51) International classification :C08K5/34
(31) Priority Document No :09013360.4
(32) Priority Date :22/10/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/006301
Filing Date :15/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SCHMITZ Harald

(57) Abstract :

An ethylene homo- or copolymer composition is stabilized conferring improved resistance against thermo-oxidative degradation which occurs in the presence of liquid fuels comprising peroxides (dirty fuel). The stabilizers comprise a combination of at least two sterically hindered amine compounds or N-hydroxy- or N-oxyLderivatives thereof in an amount of from 100 to 10 000 ppm. Such ethylene homo- or copolymer composition is highly suitable for articles of plastic and components for the transport and storage of liquid fuels contaminated by peroxides preferably for plastic fuel tanks for automotive vehicles driven by combustion engines.

No. of Pages : 15 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3533/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : A METHOD OF PREPARING A POLYETHERIMIDE COATING ON A METALLIC SUBSTRATE

(51) International classification :C08G73/10
(31) Priority Document No :09012146.8
(32) Priority Date :24/09/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/005848
Filing Date :24/09/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GAIKWAD Anil Vilas
3)DINGEMANS Theo
4)WAINER Magali Audrey Valerie

(57) Abstract :

The invention relate to a method of preparing a polyetherimide coating on a carbon steel substrate which comprises the steps of:
i. providing an organic solvent; ii. providing a dianhydride; iii. Providing a first diamine that is a monoaromatic diamine; iv. providing a second diamine; v. placing the organic solvent the dianhydride the first diamine and the second diamine in a reaction vessel to form a reaction mixture; vi. Stirring the reaction mixture under inert conditions to form a polyamic acid intermediate; vii. Applying the polyamic acid intermediate on the carbon steel substrate; viii. Curing the polyamic acid intermediate to form a polyetherimide coating.

No. of Pages : 24 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : A FRAME SLEEVE HAVING AT LEAST ONE FRAME ADAPTER

(51) International classification :A47B88/00
(31) Priority Document No :20 2009 013 393.1
(32) Priority Date :21/10/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/065410
Filing Date :14/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)K.,THLER Andreas
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4)MEYER Helmut
5)MEYER Bernd
6)MICHELSWIRTH Dennis
7)HERZOG Roman

(57) Abstract :

The invention relates to a bracket sleeve (5) having a U-shaped or approximately U-shaped cross-section and at least one bracket adapter (6) that is connected to the sleeve on an inner face of a lateral limb (5a) of the bracket sleeve (5) by means of plug connections (7), wherein each of the plug connections (7) substantially consists of a pocket (8) provided on the lateral limb (5a) and a tongue (9) on the bracket adapter (6) that can be inserted in said pocket (8) and runs transversely to the longitudinal extension of the bracket sleeve (5), and each of the tongues (9) is located in the region of a recess (10), wherein each recess (10) is provided with a stop (10a) extending transversely to the insertion direction of the tongue (9), said stop being seated against a first lateral delimiting rib (8a) of the pocket (8), and each recess (10) has a securing lobe (10b), which rests against a second lateral delimiting rib (8b) of the pocket (8) so as to engage the same, whereby the tongue (9) is secured against being pulled out of the pocket (8).

No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3535/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : A REMOTELY ACTIVATED PIEZOELECTRIC PUMP FOR DELIVERY OF BIOLOGICAL AGENTS TO THE INTERVERTEBRAL DISC AND SPINE

(51) International classification :A61M5/142
(31) Priority Document No :12/581,785
(32) Priority Date :19/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/053151
Filing Date :19/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)FARKAS Leslie
4)JORDAN Brett
5)ZIMMERMAN Kyle
6)CHAN Herwin
7)WU Winston

(57) Abstract :

The present disclosure describes a remotely activated piezoelectric pump for delivery of biological agents to the intervertebral disc and spine in order to achieve spinal fusion. A spinal pump is implanted on the vertebrae of a patient and a spinal cage is inserted in between two adjacent vertebrae after removal of the vertebrae disc. A piezoelectric motor drives the pump and pushes osteogenetic agent through the spinal cage and into a sponge disposed within the cage. The pump is charged by an external removable induction, belt worn by the patient. Delivery duration and delivery frequency may be changed before implantation of the spine pump according to the specific needs of the patient. The current device employs a mathematical model that enables the regulation as well as attenuation of the bone fusion process by extending and generalizing the model to enhance and optimize the delivery of osteogenetic agent in a regulated manner.

No. of Pages : 53 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3539/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : PROCESS FOR PRODUCING CERAMICS FIRED BODY

| | | |
|--|--------------------|---|
| (51) International classification | :c04b35/64 | (71)Name of Applicant : |
| (31) Priority Document No | :2009-221185 | 1)SUMITOMO CHEMICAL COMPANY LIMITED |
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| (86) International Application No | :PCT/JP2010/066531 | (72)Name of Inventor : |
| Filing Date | :24/09/2010 | 1)NARUMI Masayuki |
| (87) International Publication No | : NA | 2)SUZUKI Keiichiro |
| (61) Patent of Addition to Application | :NA | 3)TAKAMOTO Tamotsu |
| Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention aims to provide a process for producing a fired body with a high linear shrinkage ratio during firing (firing shrinkage ratio) without a damage of the shape of the shaped body such as the honeycomb structure. The present invention is a process for producing a ceramics fired body comprising a step of firing a shaped body wherein a linear shrinkage ratio in dimension of the fired body to the shaped body (the linear shrinkage ratio (%) = (dimension of the shaped body - dimension of the fired body) / (dimension of the shaped body) 100) is not lower than 1% and the shaped body is fired while being disposed on a mat made of a ceramics having a high thermal conductivity.

No. of Pages : 41 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3540/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : ENHANCED METHOD FOR DELIVERING BEVACIZUMAB (AVASTIN) INTO A BRAIN TUMOR USING AN IMPLANTED MAGNETIC BREATHING PUMP

(51) International classification :a61m5/142
(31) Priority Document No :12/581,770
(32) Priority Date :19/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/053127
Filing Date :19/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)JOHNSON David
6)FARKAS Laszlo

(57) Abstract :

A magnetically controlled pump is implanted into the brain of a patient and delivers a plurality of medicating agents mixed with Avastin at a controlled rate corresponding to the specific needs of the patient. The current invention comprises a flexible double walled pouch that is formed from two layers of polymer. The pouch is alternately expanded and contracting by magnetic solenoid. When contracted, the medicating agent Avastin is pushed out of the pouch through a plurality of needles. When the pouch is expanded, surrounding cerebral fluid is drawn into the space between the double walls of the pouch from which it is drawn through a catheter to an analyzer. In cases where a tumor resection is not performed, an intratumoral catheter will be implanted. Cerebral fluid drawn from the patient is analyzed. The operation of the apparatus and hence the treatment is remotely controlled based on these measurements and displayed through an external controller.

No. of Pages : 71 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3541/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : HIGH-CONCENTRATION PHOTOVOLTAIC SOLAR MODULE

(51) International classification :h01131/042

(31) Priority Document No :P200930720

(32) Priority Date :23/09/2009

(33) Name of priority country :Spain

(86) International Application No :PCT/ES2010/070595

Filing Date :14/09/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(57) Abstract :

High-concentration photovoltaic solar module formed by a casing (1) that contains photovoltaic receivers (2) in the base (3) thereof which are interconnected with one another and in the upper part thereof has Fresnel concentrator lenses (7) in a plane parallel to that of the photovoltaic receivers (2) which close the casing in a leak-tight manner each of the Fresnel concentrator lenses (7) being arranged on one of said photovoltaic receivers (2). Furthermore the module includes secondary optical elements (8) each arranged on the photovoltaic cell (5) of each photovoltaic receiver (2). The casing (1) is produced by injection-molding of plastic and incorporates a plurality of cavities (9) in the base (3) each of said cavities housing a photovoltaic receiver (2) and a plurality of metal laminar elements (10) for interconnecting the photovoltaic receivers (2).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3542/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : ACCELEROMETER TAP DETECTION TO INITIATE NFC COMMUNICATION

(51) International classification :h04b5/00
(31) Priority Document No :09171267.9
(32) Priority Date :24/09/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/CA2010/001465
Filing Date :24/09/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

A communications device method and system include a processor and a Near Field Communications (NFC) circuit connected to the processor and configured to communicate using an NFC communications protocol. An accelerometer is connected to the processor and configured to generate a signal to the processor upon a tapping engagement with an NFC enabled device. In response the processor activates the NFC circuit to transmit or receive data with the NFC enabled device using the NFC communications protocol.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3549/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : SYSTEMS METHODS AND APPARATUS FOR DATA COMMUNICATION

(51) International classification :g06f13/204

(31) Priority Document No :61/259,054

(32) Priority Date :06/11/2009

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

(86) International Application No :PCT/US2010/055553

Filing Date :05/11/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(57) Abstract :

Implementations of systems methods and apparatus include aspects of resource conservation strategies that may be useful for a USB compliant device that experiences resource limitations over durations longer than contemplated by the USB standards.

Implementations of systems methods and apparatus disclosed herein enable a USB compliant device to selectively process interrupts and/or other overhead resulting from USB communications between a host and the device. By not processing some interrupts and/or other overhead based in part on the current level of resource utilization a device can free up resources needed to process relatively high data-rate incoming traffic from the host. In some implementations when locally implemented techniques prove to be insufficient the device may optionally request that the host reduce the data-rate on the downlink.

No. of Pages : 36 No. of Claims : 64

(12) PATENT APPLICATION PUBLICATION

(21) Application No.355/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : ABSORBER PIPE FOR PARABOLIC TROUGH SOLAR

(51) International classification

:F24J

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

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(62) Divisional to Application Number

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Filing Date

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2)VINOD BOMB

(57) Abstract :

Receiver System for Receiving Solar Radiation from Parabolic Trough Solar Collector. The invention relates to a receiver system for receiving solar radiation from Parabolic Solar Trough collector. The receiver system comprises a borosilicate elongated glass tube enclosing a stainless steel tube with in which flows a thermal fluid (oil/water etc) the glass tube being flanged both its ends the flanged portions having gaskets connected there to a pair of bellows at both the ends of the glass tube, a vacuum pump to evacuate the air from the glass tube, the evacuating pipe being provided with a one-way valve which stops the flow-back of air into the system and a vacuum gauge to monitor the optimum vacuum produced. Particularly the invention covers a receiver system having multiple units of the receiver system referred to hereinabove in which the metal tube of each unit is welded with the metal tube of the next unit to make it continuous so as to be a single tube through which the thermal fluid flows; but the enclosing borosilicate glass tubes of the units are not continuous as there are flanged portion with bellows between the glass tubes, To create the vacuum inside the glass tube the nipple (6) at the top of each glass tube is connected by the silicon tube (8) to the adjoining glass tube. In this way, the vacuum can be created in each glass tube by the vacuum pump (9), which along with the one way valve (10) and vacuum gauge (11) is permanently fixed to the receiver system.

No. of Pages : 12 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHODS AND SYSTEMS FOR PEER-TO-PEER NETWORK DISCOVERY USING MULTI-USER DIVERSITY

(51) International classification :h04l29/08
(31) Priority Document No :12/610,255
(32) Priority Date :30/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/054885
Filing Date :30/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)WALTON J. Rodney
2)KETCHUM John W.

(57) Abstract :

Certain embodiments of the present disclosure relate to a method for improving the effective coverage of nodes within a peer-to-peer (P2P) wireless network. Collection of nodes of the P2P network can have a larger aggregate coverage footprint than any given single node. This inherent multi-site property of P2P wireless networks can be exploited to provide each node with benefits of multi-user diversity thus improving discovery of devices in the P2P network.

No. of Pages : 34 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHOD APPARATUSES AND COMPUTER PROGRAM PRODUCT FOR A CIRCUIT SWITCHED FALLBACK PROCEDURE HANDLING CONFLICT WHEN HANDOVER OCCURS DURING CS FALLBACK

(51) International classification :h04w36/00
(31) Priority Document No :61/256,479
(32) Priority Date :30/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/054839
Filing Date :29/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SONG Osok
2)ULUPINAR Fatih
3)RAMACHANDRAN Shyamal

(57) Abstract :

A CS fallback procedure handles conflict that may arise when handover operations occur during CS fallback. If CS fallback is initiated for an access terminal and handover of that access terminal is then initiated before the CS fallback completes the target for the handover is informed of the CS fallback so that the target may perform the appropriate CS fallback operations.

No. of Pages : 51 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3544/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : SYSTEM AND ASSOCIATED NFC TAG USING PLURALITY OF NFC TAGS ASSOCIATED WITH LOCATION OR DEVICES TO COMMUNICATE WITH COMMUNICATIONS DEVICE

(51) International classification :h04b5/00
(31) Priority Document No :09171264.6
(32) Priority Date :24/09/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/CA2010/001477
Filing Date :24/09/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GRIFFIN Jason Tyler
2)FYKE Steven Henry

(57) Abstract :

A Near Field Communications (NFC) tag includes a housing and a magnet carried by the housing and configured to be magnetically sensed by a magnetic sensor carried by a communications device to activate an NFC circuit within the communications device to communicate using an NFC communications protocol. A data store stores data regarding a function of the communications device to be magnetically coupled by the magnet. The data store is configured to be read by the communications device using an NFC communications protocol after the NFC circuit had been activated.

No. of Pages : 73 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3545/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : MOBILE WIRELESS COMMUNICATIONS DEVICE METHOD AND SYSTEM USING MAGNETIC SENSOR AND ACTIVATED NFC CIRCUIT FOR ESTABLISHING COMMUNICATIONS BETWEEN MOBILE WIRELESS COMMUNICATIONS DEVICES

(51) International classification :h04b5/00
(31) Priority Document No :09171272.9
(32) Priority Date :24/09/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/CA2010/001479
Filing Date :24/09/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)Research In Motion Limited

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(72)Name of Inventor :

1)GRIFFIN Jason Tyler

2)FYKE Steven Henry

3)SCOTT Sherryl Lee Lorraine

(57) Abstract :

A mobile wireless communications device includes a housing and a circuit board carried by the housing. Radio frequency (RF) circuitry and a processor are carried by the housing and operative with each other. A Near Field Communications (NFC) circuit is connected to the processor for communicating using an NFC communications protocol. A magnetic sensor is supported by the housing and connected to the processor for sensing a magnetic field and generating a signal to the processor and in response the processor activating the NFC for transmitting or receiving data using the NFC communications protocol.

No. of Pages : 73 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3546/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING SURGE PROTECTION

(51) International classification :h02h9/04

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/CN2009/074372

Filing Date :09/10/2009

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)FU Dengmeng

2)GALSIM Marlon

3)QING Yun

4)LEE Jinsong

(57) Abstract :

Methods and systems described herein provide protection for sensitive circuits against power surges on power lines. A surge protector for protecting a load coupled to a power source is provided. The surge protector includes an input having a first node a second node and a third node to respectfully couple to line neutral and ground connections of a power source an output having a fourth node a fifth node and a sixth node for respectfully coupling to line neutral and ground connections of the load a first voltage limiting circuit coupled between the fourth node and the fifth node a first inductor coupled between the first node and the fourth node and a second voltage limiting circuit coupled between the first node and the second node.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3547/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : BATTERY MANUFACTURING USING LAMINATED ASSEMBLIES

(51) International classification :h01m10/05
(31) Priority Document No :61/238,476
(32) Priority Date :31/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/047281
Filing Date :31/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)FEAVER Timothy
2)PERRY Bernard
3)SNYDER David
4)BEARD Kirby W.

(57) Abstract :

A microporous battery separator may be laminated to electrodes and manipulated through manufacturing on a continuous roll of material. Batteries may be constructed by layering the laminated electrodes and separator into various configurations including flat and wound cell batteries. The separator may or may not contain a nonwoven or other reinforcement and may be laminated to the electrodes using several different methods.

No. of Pages : 55 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3548/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : SYSTEM AND METHOD FOR CONSUMER-TO-CONSUMER-LENDING OF DIGITAL CONTENT•

| | | |
|---|--------------------|---|
| (51) International classification | :g06f21/00 | (71)Name of Applicant : |
| (31) Priority Document No | :61/253,037 | 1)BARNES & NOBLE INC. |
| (32) Priority Date | :19/10/2009 | Address of Applicant :122 Fifth Avenue New York New York 10011 U.S.A. |
| (33) Name of priority country | :U.S.A. | (72)Name of Inventor : |
| (86) International Application No | :PCT/US2010/053269 | 1)MANDELBAUM David |
| Filing Date | :19/10/2010 | |
| (87) International Publication No | : NA | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A consumer-to-consumer lending system and method for digital content such as digital ebooks The lending system enables users who have purchased digital content to lend that content to another user The lending system enables a lender to extend a lending offer to a lendee who may respond to the lending offer by accepting or rejecting the lending offer Upon acceptance the lending system provides the lent content to the lendee who controls the content until returning it purchasing it or until a predetermined lending period expires During the lending period the lender does not have access to the lent digital content item The lending system assists a lender with initiating a lending offer such as providing a pre-populated email form and delivers the offer notification to the target lendee Lending offers may be initiated and notifications received over common channels including email systems mobile devices and web-based user accounts.

No. of Pages : 41 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3554/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : DETERGENT COMPOSITION

(51) International classification :c11d3/386
(31) Priority Document No :09171421.2
(32) Priority Date :25/09/2009
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2010/063908
Filing Date :21/09/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SIMONSEN Ole

2)MIKKELSEN Lise Munch

3)KN-TZEL J¹/₄rgen Carsten Franz

4)BENIE Astrid

(57) Abstract :

The addition of a protease inhibitor to a particulate protease-containing detergent composition can improve its detergency and the inhibitor can improve the in-wash stability of the protease in a solution of the detergent.

No. of Pages : 42 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3555/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : ENERGY SAVING MANAGEMENT METHOD FOR BASE STATION APPARATUS AND SYSTEM

(51) International classification :H04W52/02
(31) Priority Document No :200910208230.6
(32) Priority Date :19/10/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/077638
Filing Date :11/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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China.
(72)**Name of Inventor :**
1)XIA Haitao

(57) Abstract :

An energy saving (ES) management method for a base station, an ES method for a base station, and an apparatus and a system are used to solve the problem that currently operators are unable to deploy an ES strategy for a base station from the perspective of overall load statistics or performance status of a network. The ES management method for a base station includes: An integration reference point manager (IRPManager) initiates an ES enable/disable procedure or an ES activation/resumption procedure to an integration reference point agent (IRPAgent), where the ES enable/disable procedure is used to allow or prohibit an ES operation on the base station or a cell, and the ES activation/resumption procedure is used to cause the base station or the cell to go into or go out of an ES state. The technical solutions according to the embodiments of the present invention enable operators to perform unified management on an ES procedure for a base station at a base station level or a cell level.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHODS AND APPARATUS FOR PAGING RECEPTION IN MULTIMODE WIRELESS NETWORKS

(51) International classification :H04W68/12
(31) Priority Document No :61/254,591
(32) Priority Date :23/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/053601
Filing Date :21/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)DEIVASIGAMANI Giri Prassad
3)VASUDEVAN Srinivasan
4)NARANG Mohit

(57) Abstract :

Methods and apparatus enabling a mobile device to receive paging notifications from multiple networks. In one embodiment of the present invention a first device connected to a first network momentarily ignores the first network to monitor a second network instead. The first device identifies and prioritizes a list of applications of the first network; the prioritized listing allows the first device to preempt one of its lower priority tasks to monitor the second network for paging messages instead. The described methods and apparatus enable e.g. GSM paging for Class B cellular devices which are connected to GPRS NMO-2 type networks. The Class B cellular device can ignore certain GPRS data (which is tolerant to error) to decode GSM paging channels which would otherwise be missed.

No. of Pages : 32 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3557/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHOD AND DEVICE FOR ENCODING AND DECODING VIDEOS

(51) International classification :h04n7/50
(31) Priority Document No :200910209013.9
(32) Priority Date :23/10/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/076464
Filing Date :30/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WANG Dong

3)XIONG Lianhuan

4)ZHAO Xin

5)ZHANG Li

6)MA Siwei

7)GAO Wen

(57) Abstract :

The embodiments of the present invention provide a method and a device for encoding and decoding video pertinently select an effective transform matrix to perform transformation according to the characteristic of each residual block and therefore improve the encoding efficiency. The technical solution provided by the embodiments of the present invention is: generating the prediction residual according to the input video data; selecting a group of optimal transform matrixes from multiple transform matrixes according to the intra-frame prediction mode and the rate-distortion rule to transform encoding the prediction residual and obtaining a transform result; generating encoding code stream according to the transform result and the index information of the selected transform matrixes.

No. of Pages : 56 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3558/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : FLOW RATE REGULATOR FOR SANITARY APPLICATIONS AND METHOD FOR DIMENSIONING SUCH FLOW RATE REGULATORS

(51) International classification :G05D7/01
(31) Priority Document No :102009050792.2
(32) Priority Date :27/10/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/063314
Filing Date :10/09/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CHRISTOPH WEIS
2)MICHAEL S-CHTIG

(57) Abstract :

The invention relates to a flow volume controller for sanitary applications having a housing having an annular-gap-like through-passage and furthermore having an elastic throttle body arranged near the annular gap which changes the annular gap or sections thereof due to elastic deformation upon the formation of pressure differences in the flowing medium wherein the annular gap has a profile and the elastic throttle body is supported having the outflow side surface thereof on a support shoulder which is a component of the housing. According to the invention either a retaining ring a retaining bulge or a plurality of retaining tabs is provided on the inlet side for axial attaching of the elastic throttle body.

No. of Pages : 32 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3253/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : ABLATIVE/COAGULATIVE UROLOGICAL TREATMENT DEVICE AND METHOD

(51) International classification :A61B18/20,
A61B18/18
(31) Priority Document No :61/242,677
(32) Priority Date :15/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/048954
Filing Date :15/09/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)NEUBERGER Wolfgang

(57) Abstract :

A device/system and a method for the treatment of enlarged prostate and other urologic abnormalities are presented. This system enables the simultaneous attachment of several interstitial coagulative treatment probes as well as an ablative fiber to perform a combined treatment utilizing the intervention time and the time of the localized anesthesia effect in an optimal manner. The amount of tissue removed by the urologist by vaporization can be kept to a minimum, thanks to the (delayed) improvement of the achieved symptom scores resulting from the denaturalizing effect of the interstitial coagulative fibers. In one preferred embodiment, two or more types of delivery systems are embedded in a single device for achieving optimal tissue ablation and coagulation effects including at least one non-laser source such as microwave energy, capable of producing radiation energy to coagulate tissue and at least one laser source capable of producing radiation to ablate tissue. In another preferred embodiment, device comprises two or more laser sources which emit at adjustable wavelengths controllable by physician according to ablative and coagulative needs and tissue penetration needs depending on their effective absorption in different tissue components. Wavelengths ranges are chosen such that tissue absorption properties change sensibly with small variations of such wavelengths, based on a steep region of the absorption curve. Radiation may be applied in continuous, semi-continuous or pulsed wave, in different combinations. In another preferred embodiment, optical fiber has a central core for transmitting laser radiation, and a cladding layer about the core that may further transmit other laser radiation of a different or a same wavelength as the core. Fibers used in various embodiments may be, but are not limited to those comprising a side-firing distal end, a radial firing end, or an off-axis firing end. In a preferred embodiment, device includes a control mechanism which allows for the delivery of constant power density based on feedback regarding speed of fiber movement and local structural tissue parameters. In various embodiments, the coagulative irradiation can be done by a radiofrequency or other radiant thermal source.

No. of Pages : 19 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3584/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : POLYPEPTIDES DERIVED FROM THERMOASCUS CRUSTACEUS HAVING CELLULOLYTIC ENHANCING ACTIVITY AND POLYNUCLEOTIDES ENCODING SAME

(51) International classification :C07K14/39
(31) Priority Document No :61/247250
(32) Priority Date :30/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/050855
Filing Date :30/09/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)Wu Wenping
5)Kramer Randall

(57) Abstract :

The present invention relates to isolated polypeptides having cellulolytic enhancing activity and isolated polynucleotides encoding the polypeptides. The invention also relates to nucleic acid constructs vectors and host cells comprising the polynucleotides as well as methods of producing and using the polypeptides.

No. of Pages : 158 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3585/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : POLYPEPTIDES HAVING CELLULOLYTIC ENHANCING ACTIVITY AND POLYNUCLEOTIDES ENCODING SAME

(51) International classification :C12N9/24
(31) Priority Document No :09171891.6
(32) Priority Date :30/09/2009
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2010/064582
Filing Date :30/09/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DUAN Junxin
2)SCHNORR Kirk Matthew
3)WU Wenping

(57) Abstract :

The present invention relates to isolated polypeptides having cellulolytic enhancing activity and isolated polynucleotides encoding the polypeptides. The invention also relates to nucleic acid constructs vectors and host cells comprising the polynucleotides as well as methods of producing and using the polypeptides.

No. of Pages : 128 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3586/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : BASE STATION DEVICE

(51) International classification :H04W56/00
(31) Priority Document No :2009-233877
(32) Priority Date :07/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/067630
Filing Date :07/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YAMAMOTO Takashi
2)MURAKAMI Kenichi
3)TANAKA Yoshizo
4)SHIMADA Yoshiyuki

(57) Abstract :

The present invention relates to a base station device 1 that performs wireless communication with a terminal device 2 existing in its cell. The base station device 1 includes an obtainment unit (reception unit 12) that obtains control information for another base station device 1 to achieve synchronization with the another base station device 1 and a selection unit (synchronization control unit 40) that selects the another base station device 1 to be a synchronization source based on identification information that specifies the type of the another base station device 1 the identification information being included in the control information.

No. of Pages : 105 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.359/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR SEMANTIC DATA INTEGRATION

| | | |
|---|------|---|
| (51) International classification | :G06 | (71) Name of Applicant : |
| (31) Priority Document No | :NA | 1)INFOSYS LIMITED |
| (32) Priority Date | :NA | Address of Applicant :IP CELL, PLOT NO.44, |
| (33) Name of priority country | :NA | ELECTRONICS CITY, HOSUR ROAD, BANGALORE - 560 |
| (86) International Application No | :NA | 100 Karnataka India |
| Filing Date | :NA | (72) Name of Inventor : |
| (87) International Publication No | : NA | 1)SUJATHA RAVIPRASAD UPADHYAYA |
| (61) Patent of Addition to Application Number | :NA | 2)RADHA KRISHNA PISIPATI |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Embodiments of the present invention relate to a system for data integration and information retrieval by bringing semantically related data together for a given context. As described, the integration of data may include the building of an ontology, the mapping of one or more processes, semantic maps and concept dictionaries in the ontology to one or more data sources, tagging the data sources in accordance with the ontology, providing a query interface for accepting an input query from a user, the mapping of the input query to one or more concepts in the ontology, and deriving one or more subqueries thereby, and the querying of data sources in accordance with the composed one or more subqueries, wherein the data sources queried are tagged with one or more concepts from the ontology. Additionally, the tracking of data across data sources in accordance with a defined data value chain is disclosed.

No. of Pages : 30 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3590/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : BINDER

| | |
|---|--------------------|
| (51) International classification | :B42F13/10 |
| (31) Priority Document No | :0918595.0 |
| (32) Priority Date | :23/10/2009 |
| (33) Name of priority country | :U.K. |
| (86) International Application No | :PCT/GB2010/051694 |
| Filing Date | :08/10/2010 |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)**Name of Applicant :**

1)CORBISHLEY Thomas Simon

Address of Applicant :42 Oakleigh Drive Croxley Green
Hertfordshire-WD3 3EF United Kingdom; a British citizen
Liechtenstein

(72)**Name of Inventor :**

1)CORBISHLEY Thomas Simon

(57) Abstract :

A binder 1 for binding sheets having holes therein, the binder 1 comprising a sheet of material arranged to be bent so as to form a front panel 4 and a rear panel 6, at least one binder strip 7 extending from said sheet at a respective first position 10, an individual head 8 provided at the free end of the or each strip, an aperture 11 associated with the or each strip for permitting the or each head to be passed from one surface of the sheet to another surface of the sheet at a respective second position and means for securing the or each head in position after it has been passed from said one surface to said other surface, wherein the width of the or each head as it passes through a respective aperture 11 is no wider than that portion of the respective strip 7 which in use extends through the respective aperture and holes of sheets to be bound by the binder 1.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3591/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : CAM ACTION DETACHMENT FOR TRACHEOSTOMY TUBE

(51) International classification :A61M16/04

(31) Priority Document No :12/603,859

(32) Priority Date :22/10/2009

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

(86) International Application No :PCT/IB2010/054070

Filing Date :09/09/2010

(87) International Publication No : NA

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)KIMBERLY-CLARK WORLDWIDE INC.

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(72)Name of Inventor :

1)CHAN Sam C.

2)GRIFFITH Nathan C.

3)KENOWSKI Michael A.

4)SCHUMACHER James F.

(57) Abstract :

There is provided a mechanism for gently detaching a loading catheter from a tracheostomy tube once the tube is placed in the trachea of a patient. After dilating the trachea, a loading catheter is inserted into a tracheostomy tube with which it desirably engages. Once the loading catheter and tracheostomy tube are attached to each other, the entire unit is passed through the stoma until the flange of the tracheostomy tube is in contact with the throat. The loading catheter may then be removed by rotating or twisting the loading catheter handle. The loading catheter and tracheostomy tube have a cam-action mechanism that gently forces the two parts apart as they are rotated relative to each other. This cam action disengagement allows for the removal of the loading catheter without subjecting the trachea or throat to undue pressure or forces that might cause trauma or increase recovery time. Other accessories like cannulas and oburators may attach and detach from the tracheostomy tube in a like manner.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3592/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : TWISTER FIBER OPTIC SYSTEMS AND THEIR USE IN MEDICAL APPLICATIONS

(51) International classification :A61N5/06

(31) Priority Document No :61/245,484

(32) Priority Date :24/09/2009

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

(86) International Application No :PCT/US2010/030879

Filing Date :13/04/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)CERAMOPTEC INDUSTRIES INC.

Address of Applicant :515 Shaker Road East Longmeadow
MA 01028 U.S.A.

(72)Name of Inventor :

1)NEUBERGER Wolfgang

(57) Abstract :

An improved device and method for safe, accurate and efficient surgical procedures are disclosed. The disclosed device is an optical fiber set with an asymmetric distal end configuration, comprising a bent tip fiber with a fused sleeve as an integral part of it, placed at the fibers distal (output) end and with a rotatable connector at the. proximal (input) side. Fiber tip and tissue-contacting surface located at the distal end of the tip may be constructed with different shape configurations, such as convex tip to improve focusing characteristics, concave tip to achieve diverging irradiation or an expanded beam tip to achieve an effect similar to that obtained by electro surgical tools. A grip guarantees and enhances the ability to twist and rotate it easily. In another preferred embodiment, twisting maneuvers are enhanced through a special configuration. Both special features (bent tip and rotatable connector), allow for improved and enhanced treatment of diverse pathologies, making possible to efficiently and easily reach IN and treat specific tissues. Optical fibers steerability, twistability and rotation lead to a more precise and improved effect on tissues. S Due to this, easier, faster and more precise and efficient treatments can be performed by its means. For instance, it may be inserted into a cystoscope to perform high power ablation of prostatic tissue for BPH treatments, or steered into one of the prostatic lobes, which can be excavated from the inside in order to relieve pressure on the urethra while maintaining the urethras integrity. Other uses might be the removal of tumorous, hyperplasic or other unwanted tissue in the body. Optical fiber set disclosed can be used (% with laser sources of various wavelengths, including dual laser sources, but also higher power LED devices or very bright light c sources can be used to generate the radiation to be transmitted as well. Due to this novel design, described fiber is easy to put in place, also easy to maintain in contact with tissue and highly durable. The feel to the doctor is greatly improved too. This results in more effective power transfer into tissue and therefore procedures are more reliable and procedure times are cut by up to 30%.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1696/CHENP/2008 A

(19) INDIA

(22) Date of filing of Application :04/04/2008

(43) Publication Date : 02/08/2013

(54) Title of the invention : ~A COMPOSITION COMPRISING OF TRIGLYCERIDES USEFUL IN NORMALIZATION OF INFRADIAN RHYTHM™

(51) International classification :A23L 1/30, A61K 31/202
(31) Priority Document No :-
(32) Priority Date :01/02/2012
(33) Name of priority country :Argentina
(86) International Application No :PCT/JP2004/004318
Filing Date :26/03/2004
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2373/CHENP/2005
Filed on :23/09/2005

(71)Name of Applicant :
1)SUNTORY LIMITED
Address of Applicant :1-40 Dojimahama 2-chome Kita-ku
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(72)Name of Inventor :
1)AKIMOTO, Kengo
2)ONO, Yoshiko
3)KAWASHIMA, Hiroshi
4)NAGAI, Katsuya

(57) Abstract :

This invention relates to composition useful for normalizing infradian rhythm and/or for synchronization promotion action for circadian rhythm (biological clock), comprising triglycerides which contain not less than 5 mol % of a triglyceride where a medium-chain.....

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

(54) Title of the invention : WIRING STRUCTURE IN ELECTRIC TWO/THREE-WHEELED VEHICLE

(51) International classification :B62J37/00,
B62J99/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2009/066113
Filing Date :15/09/2009
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HONDA MOTOR CO. LTD
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(72)**Name of Inventor :**
1)MIMURA Masahide
2)NIIZUMA Keiichiro
3)KAWASAKI Yuichi
4)AKIBA Ryuji

(57) Abstract :

In an electric two/three-wheeled vehicle, an electric motor exerting power for driving a rear wheel is housed in a swing arm supported in a swingable manner to pivot plates, which are provided respectively in lower portions of a pair of left and right rear frames, with a support shaft therebetween; a high-voltage battery supplying an electric power to the electric motor is supported to a body frame and arranged forward of the support shaft; the high-voltage battery is connected via a high-voltage wiring to a power drive unit mounted on the swing arm. The high-voltage wiring (86), which extends obliquely upwardly and forwardly toward one rear frame (29) in a vehicle width direction out of the pair of left and right rear frames (29) from an upper surface of the power drive unit (71), extends rearwardly and upwardly along an inner side of the one rear frame (29) in the vehicle width direction and then further extends toward the high-voltage battery (36) located forward thereof. Accordingly, it is possible to avoid a bending force to be applied to the high-voltage wiring and improve an external appearance by making the high-voltage wiring less visible from outside of a vehicle body.

No. of Pages : 25 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3593/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : DISPLAY DEVICE HOLDING APPARATUS AND PORTABLE TERMINAL PROVIDED WITH SAME

(51) International classification :H04M1/02
(31) Priority Document No :2009-242600
(32) Priority Date :21/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/006251
Filing Date :21/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Panasonic Corporation
Address of Applicant :1006 Oaza Kadoma Kadoma-shi
Osaka 571-8501 Japan
(72)**Name of Inventor :**
1)OGIHARA Hiroyuki

(57) Abstract :

Even when the total length of a display device is increased, the strength of a case is sufficiently ensured without increasing the total length of the case itself. The display device holding apparatus of the invention includes: a first case; a display device which is disposed in the first case; a coupling portion which has a rib extending in a thickness direction of the first case, and which swingably couples a second case to the first case; and a sheet metal which has: a first portion that is placed in the first case, and that is substantially parallel to the thickness direction of the first case; a second portion that extends from the first portion in a longitudinal direction of the first case; and a third portion that extends from the second portion substantially parallel to the first portion, the sheet metal being molded integrally with a part of the first case, the rib is engaged with a groove disposed in the first case between the first portion and the third portion in the longitudinal direction of the first case, and the coupling portion and at least a part of the sheet metal hold the display device.

No. of Pages : 31 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3594/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : CATION CHANNEL ACTIVITY

(51) International classification :C12N15/63
(31) Priority Document No :2009904675
(32) Priority Date :25/09/2009
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2010/001256
Filing Date :24/09/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)AUSTRALIAN CENTRE FOR PLANT FUNCTIONAL GENOMICS PTY LTD.

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(72)Name of Inventor :

1)TESTER Mark Alfred

2)KAISER Brent

3)CARTER Scott Anthony William

4)SHEARER Monique

5)PLETT Darren Craig

6)ROY Stuart John

7)COTSAFTIS Olivier

8)TYERMAN Stephan

9)OKAMOTO Mamoru

(57) Abstract :

The present invention is predicated in part on the functional characterisation of membrane bound proteins that contribute to cation flux across biological membranes. In accordance with the present invention it has been determined that at least some PQ-loop repeat polypeptides contribute to cation flux biological membranes.

No. of Pages : 123 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3595/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : ACID RESISTANT CAPSULES

| | |
|---|--------------------|
| (51) International classification | :A61K9/48 |
| (31) Priority Document No | :61/245,392 |
| (32) Priority Date | :24/09/2009 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No | :PCT/IB2010/054131 |
| Filing Date | :14/09/2010 |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)**Name of Applicant :**

1)CAPSUGEL BELGIUM NV

Address of Applicant :10 rue Timken 6800 Colmar France

(72)**Name of Inventor :**

1)CADE Dominique Nicolas

2)HE Xiongwei David

(57) Abstract :

The present invention relates to new acid resistant hard pharmaceutical capsules a process for their manufacture and use of such capsules particularly but not exclusively for oral administration of pharmaceuticals veterinary products food and dietary supplements to humans or animals. The capsules of the invention are obtained by aqueous compositions comprising a water soluble film forming polymer and gellan gum in a mutual weight ratio of 4 to 15 weight parts of gellan gum for 100 weight parts of film forming polymer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3647/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHOD AND INTERFACE FOR MAN-MACHINE INTERACTION

(51) International classification :G06F3/048

(31) Priority Document No :

(32) Priority Date :23/04/2012

(33) Name of priority country :Not Selected

(86) International Application No :PCT/CN2010/077239

Filing Date :22/09/2010

(87) International Publication No : NA

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

1)Dingnan Han

Address of Applicant :Apartment 513 Unit 1 Building 22
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Republic of China Chinese Taipei

(72)**Name of Inventor :**

1)Dingnan Han

(57) Abstract :

Provided are a mechanism and an interface for man-machine interaction especially a mechanism and an interface for man-machine interaction applicable to multi-touch. A mode and a method for constructing a graphic interface in the environment of touching operation are provided thus sufficiently using the advantages of multi-touch devices and inputting more plentiful operation instruction information through less operation. The solution mainly describes how to use multi-touch to provide more plentiful input information and how to express operation commands with more complex structures through less steps and how to enable the interface to be more smart to accord with ergonomic and to be more easy to use multiple parts of a hand to operate at the same time.

No. of Pages : 35 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3648/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : SPHERICAL ULTRASONIC HIFU TRANSDUCER WITH PRE-FORMED SPHERICAL MATCHING LAYER

(51) International classification :B06B1/06
(31) Priority Document No :61/259301
(32) Priority Date :09/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/054982
Filing Date :03/11/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
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(72)Name of Inventor :
1)CLARK Dennis
2)SCHEIRER Barry C.
3)MANNING Ryan
4)WANG Haifeng

(57) Abstract :

An ultrasonic HIFU transducer has a front matching layer pre-formed as a continuous spherical surface. Tiles of spherically curved composite piezoelectric material each having a plurality of acoustic transmit areas are attached to the convex surface of the matching layer to provide a substantially continuous spherical surface of piezoelectric transmitters. A plurality of curved printed circuit boards are mounted behind the piezoelectric material and spaced apart from the back surface of the piezoelectric material to provide an air cooling passageway for the back surface of the piezoelectric material. A plurality of compliant metal contacts provide electrical connections between the printed circuit boards and the piezoelectric material and span the passageway. Electrical connections are made to electrodes on the front surface of the piezoelectric material through nonmagnetic vias extending through the piezoelectric material.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3649/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : SHAVING HEAD UNIT AS WELL AS SHAVER PROVIDED WITH SUCH A SHAVING HEAD UNIT

| | | |
|---|--------------------|---|
| (51) International classification | :B26B19/14 | (71)Name of Applicant : |
| (31) Priority Document No | :09175350.9 | 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. |
| (32) Priority Date | :09/11/2009 | Address of Applicant :GROENEWOUDSEWEG 1 |
| (33) Name of priority country | :EPO | EINDHOVEN 5621 BA NETHERLANDS |
| (86) International Application No | :PCT/IB2010/055002 | (72)Name of Inventor : |
| Filing Date | :04/11/2010 | 1)MEIJER Hans |
| (87) International Publication No | : NA | 2)SMEDINGA Oege |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A shaving head unit comprises at least two shaving elements each being provided with: - a separate base portion comprising at least a separate space for receiving cut-off hairs - a movably arranged cutter member for cutting off hair - a drive shaft accommodated in the base portion for driving the cutter member - a pivot pin connected to the cutter member which pivot pin is detachably coupled to the drive shaft - a cap with a plurality of openings for letting through hairs to be cut off by the cutting member and to be received in the space. The cap is movable with respect to the base portion between a closed position in which the space is closed off and an opened position in which cut off hairs can be removed from the space and vice versa.

No. of Pages : 16 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.365/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHOD APPARATUS AND COMPUTER PROGRAM PRODUCT FOR GENERATION OF MOTION IMAGES

(51) International classification

:H04N

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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Finland

(72)Name of Inventor :

1)Rajeswari Kannan

2)Basavaraja S V

3)Prabuddha Vyas

(57) Abstract :

In accordance with an example embodiment a method, apparatus and computer program product are provided. The method comprises facilitating selection of at least one frame from a plurality of frames of a multimedia content. At least one mobile portion associated with the multimedia content is generated based on the selection of the at least one frame. The adjustment of motion of the at least one mobile portion is facilitated. A motion image is generated based on the adjusted motion of the at least one mobile portion.

No. of Pages : 53 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION

(21) Application No.341/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : MOBILE COMMUNICATION NETWORKS FOR PROVIDING REMOTE LOCATION INFORMATION

| | | |
|---|-------|--|
| (51) International classification | :H04W | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)Alcatel Lucent |
| (32) Priority Date | :NA | Address of Applicant :3 avenue Octave Greard 75007 Paris |
| (33) Name of priority country | :NA | France |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)Charles Santhosam L |
| (87) International Publication No | : NA | 2)Swapnil Kulkarni |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Mobile communication networks for providing location information are disclosed. The present invention relates to telecommunication networks and more particularly to providing remote location services in telecommunication networks. Node B of the mobile communication network serves as the ideal location for the placement of condition sensors to ensure that the coverage provided is maximum. The condition sensors employed in the system are placed within the Node B of the mobile communication network. These condition sensors monitor the location conditions in their area of coverage continuously. The monitored location information is then sent by the Node B to a Radio Network Controller (RNC) that controls the Node B. The RNC then sends the location information to an information server that is configured for storing the location information. The information server stores the location information within it and sends the same to the user when requested.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3650/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : SPHERICAL ULTRASONIC HIFU TRANSDUCER WITH AIR COOLING PASSAGEWAY

(51) International classification :G10K11/00
(31) Priority Document No :61/259306
(32) Priority Date :09/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/054984
Filing Date :03/11/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)CLARK Dennis
2)SCHEIRER Barry C.
3)MANNING Ryan

(57) Abstract :

An ultrasonic HIFU transducer has a front matching layer formed as a continuous spherical surface. Tiles of spherically curved composite piezoelectric material each having a plurality of acoustic transmit areas are attached to the convex surface of the matching layer to provide a substantially continuous spherical surface of piezoelectric transmitters. A plurality of curved printed circuit boards are mounted behind the piezoelectric material and spaced apart from the back surface of the piezoelectric material to provide an air acoustic backing and an air cooling passageway for the piezoelectric material and the circuit boards. A plurality of compliant metal contacts provide electrical connections between the printed circuit boards and the piezoelectric material and span the passageway. Electrical connections are made to electrodes on the front surface of the piezoelectric material through non-magnetic vias extending through the piezoelectric material.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3652/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : FLOW SENSING DEVICE WITH TEMPERATURE COMPENSATION

(51) International classification :G01F15/02
(31) Priority Document No :09306069.7
(32) Priority Date :09/11/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/054683
Filing Date :15/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DELACHE Alain-Jean
2)KIMMEL Steven Adam

(57) Abstract :

A device that uses a temperature coefficient pre-calibrated for the device for measuring a flow within the device. The device includes a differential pressure sensor configured to generate a differential pressure signal responsive to a differential pressure within a flow path and a temperature sensor configured to sense a temperature near the differential pressure sensor. A differential amplifier amplifies differential pressure signals from the differential pressure sensor. A processor receives signals from the differential pressure sensor amplified signals from the differential amplifier and signals from the temperature sensor. The amplified signals are corrected based upon at least a predetermined temperature coefficient and the processor calculates a flow rate based on the corrected representation of the differential pressure.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3653/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : SPHERICAL ULTRASONIC HIFU TRANSDUCER WITH COMPLIANT ELECTRICAL CONNECTIONS

(51) International classification :H01L41/22
(31) Priority Document No :61/259305
(32) Priority Date :09/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/054983
Filing Date :03/11/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
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(72)Name of Inventor :
1)CLARK Dennis
2)SCHEIRER Barry C.
3)MANNING Ryan

(57) Abstract :

An ultrasonic HIFU transducer has a front matching layer formed as a continuous spherical surface. Tiles of spherically curved composite piezoelectric material each having a plurality of acoustic transmit areas are attached to the convex surface of the matching layer to provide a substantially continuous spherical surface of piezoelectric transmitters. A plurality of curved printed circuit boards are mounted behind the piezoelectric material and spaced apart from the back surface of the piezoelectric material to provide an air cooling passageway for the back surface of the piezoelectric material. A plurality of compliant metal contacts provide electrical connections between the printed circuit boards and the piezoelectric material and span the passageway. Electrical connections are made to electrodes on the front surface of the piezoelectric material through nonmagnetic vias extending through the piezoelectric material.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3640/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : VISCOUS ACIDIC ABRASIVE CLEANING COMPOSITIONS

(51) International classification :C11D3/12
(31) Priority Document No :0917109.1
(32) Priority Date :30/09/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/051508
Filing Date :09/09/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)RECKITT BENCKISER LLC

Address of Applicant :Morris Corporate Center IV 399
Interpace Parkway Parsippany New Jersey 07054 U.S.A.

(72)Name of Inventor :

1)POST Sarah Marie

(57) Abstract :

Aqueous acidic, abrasive hard surface cleaning composition comprising: about 0.5 - 3.5% wt of a thickener system which includes both a colloid forming clay, preferably a montmorillonite clay, and a gum based thickener, preferably xantham gum; about 0.01 - 2.5% wt. of a surfactant selected from anionic surfactants, nonionic surfactants, and mixtures thereof; an antimicrobially effective amount of at least one organic acid present in an amount of from about 2 - 12%wt.; as an abrasive constituent, pumice, which may be present in an amount of at least about 5%wt; optionally but preferably an opacifying/tinting constituent; 0 - 5%wt. of one or more optional constituents for improving the aesthetic characteristics of the compositions; and, at least 75% wt. of water; wherein the compositions exhibit a viscosity of between about 250 cps to about 1000 cps at 25 °C, and, exhibit an acidic pH of less than about 5. The compositions are particularly useful in the cleaning treatment of hard surfaces, particularly lavatory surfaces.

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3641/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : READY MIXED SETTING TYPE JOINT COMPOUND AND SET INITIATOR IN CHAMBERED POUCH

| | |
|---|--------------------|
| (51) International classification | :B65D81/32 |
| (31) Priority Document No | :12/613,297 |
| (32) Priority Date | :05/11/2009 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No | :PCT/US2010/053488 |
| Filing Date | :21/10/2010 |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)**Name of Applicant :**
1)UNITED STATES GYPSUM COMPANY
Address of Applicant :550 West Adams Street Chicago IL
60661-3676 U.S.A.
(72)**Name of Inventor :**
1)CIMAGLIO Scott
2)IMMORDINO Salvatore C.

(57) Abstract :

A dosage size multi-chambered container having separate sealed compartments is provided and includes constituent materials for forming a wallboard joint compound. The container includes a first compartment containing a first mixture including calcined gypsum a set preventer and water and a second compartment sealed from the first compartment with a seal and containing a second mixture including a set initiator and water wherein upon breaking of the seal the first and second mixtures are combinable by kneading action to provide a dose of the wallboard joint compound.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3642/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : IMPROVED HEAVY METALS TRAPPING CO-CATALYST FOR FCC PROCESSES

(51) International classification :B01J23/02

(31) Priority Document No :12/572,777

(32) Priority Date :02/10/2009

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

(86) International Application No :PCT/US2010/050704

Filing Date :29/09/2010

(87) International Publication No : NA

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)BASF CORPORATION

Address of Applicant :100 Campus Drive Florham Park NJ
07932 U.S.A.

(72)Name of Inventor :

1)WILLIS Mitchell James

2)FOLMAR Kenneth Warren

(57) Abstract :

A metal trap particles used for passivation of metals during FCC cracking comprises a clacined spray dried particle formed from kaolin magnesium hydroxide and calcium carbonate.The metal trap particle contains at least 10 wt% magnesium oxide which improves metals passivation during FCC cracking.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3643/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : HETEROCYCLIC COMPOUND AND ITS USE FOR CONTROL OF AN ARTHROPOD PEST

(51) International classification :C07D417/04
(31) Priority Document No :2009-233158
(32) Priority Date :07/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/067609
Filing Date :30/09/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SUMITOMO CHEMICAL COMPANY LIMITED
Address of Applicant :27-1 Shinkawa 2-chome Chuo-ku
Tokyo 104-8260 Japan
(72)**Name of Inventor :**
1)IWAKOSHI Mitsuhiko

(57) Abstract :

A heterocyclic compound represented by formula (1) : where A1 A2 R1 R2 R3 R4 n and so on are defined in the description has an excellent control effect on arthropod pests and its useful for control of arthropod pests

No. of Pages : 130 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3644/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHOD FOR OPERATING AN ELECTRONIC SERVO STEERING SYSTEM OF A MOTOR VEHICLE

| | | | |
|---|--------------------|--|--|
| (51) International classification | :B62D6/00 | (71)Name of Applicant : | |
| (31) Priority Document No | :102009045046.7 | 1)ZF Lenksysteme GmbH | |
| (32) Priority Date | :28/09/2009 | Address of Applicant :Richard-Bullinger-Strasse 77 73527 | |
| (33) Name of priority country | :Germany | Schwabisch Gm!4nd Germany | |
| (86) International Application No | :PCT/EP2010/061027 | (72)Name of Inventor : | |
| Filing Date | :29/07/2010 | 1)BRING Hendrik | |
| (87) International Publication No | : NA | 2)WANNER Thomas | |
| (61) Patent of Addition to Application Number | :NA | 3)GROSSHEIM Reinhard | |
| Filing Date | :NA | | |
| (62) Divisional to Application Number | :NA | | |
| Filing Date | :NA | | |

(57) Abstract :

The invention relates to a method for operating an electronic servo steering system of a motor vehicle, wherein by means of a steering handle a steering wheel angle is predetermined as a measure for a desired wheel steering angle for at least one steerable wheel of the motor vehicle, wherein a usage function provides a variable transmission ratio dependent on at least one vehicle-specific variable (Vx) between the steering wheel angle (δ_s) and the wheel steering angle by generating an additional angle by means of a determined target additional angle (δ_{Md}) to be set and by creating an input angle of a steering gear of the electronic servo steering system from a superposition of the steering wheel angle (δ_s) with the additional angle. The input angle of the steering gear is converted into the wheel steering angle for the at least one steerable wheel of the motor vehicle, and the respective target additional angle (δ_{Md}) to be set is determined based on the at least one vehicle-specific variable (Vx) as the input value from at least one characteristic line and/or at least one characteristic map by way of support points and/or by interpolation. The target additional angle (δ_{Md}) is determined using at least one approximation function (13, 14), which is continuous at least in the first two derivatives thereof and comprises at least one first vehicle-specific variable (Vx) as the input variable

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3654/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : SPHERICAL ULTRASONIC HIFU TRANSDUCER FORMED BY TILED SEGMENTS

(51) International classification :B06B1/06
(31) Priority Document No :61/259295
(32) Priority Date :09/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/054985
Filing Date :03/11/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
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(72)**Name of Inventor :**
1)CLARK Dennis

(57) Abstract :

An ultrasonic HIFU transducer has a front matching layer formed as a continuous spherical surface. Tiles of spherically curved composite piezoelectric material each having a plurality of acoustic transmit areas are attached to the convex surface of the matching layer to provide a substantially continuous spherical surface of piezoelectric transmitters. A plurality of curved printed circuit boards are mounted behind the piezoelectric material and spaced apart from the back surface of the piezoelectric material to provide an air cooling passageway for the back surface of the piezoelectric material. A plurality of compliant metal contacts provide electrical connections between the printed circuit boards and the piezoelectric material and span the passageway. Electrical connections are made to electrodes on the front surface of the piezoelectric material through nonmagnetic vias extending through the piezoelectric material.

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3655/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : SPHERICAL ULTRASONIC HIFU TRANSDUCER WITH NON-MAGNETIC CONDUCTIVE VIAS

| | | |
|---|--------------------|---|
| (51) International classification | :B06B1/06 | (71)Name of Applicant : |
| (31) Priority Document No | :61/259309 | 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. |
| (32) Priority Date | :09/11/2009 | Address of Applicant :GROENEWOUDSEWEG 1 |
| (33) Name of priority country | :U.S.A. | EINDHOVEN 5621 BA NETHERLANDS |
| (86) International Application No | :PCT/IB2010/054986 | (72)Name of Inventor : |
| Filing Date | :03/11/2010 | 1)SCHEIRER Barry C. |
| (87) International Publication No | : NA | 2)MANNING Ryan |
| (61) Patent of Addition to Application Number | :NA | 3)MYERS John William |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

An ultrasonic HIFU transducer has a front matching layer formed as a continuous spherical surface. Tiles of spherically curved composite piezoelectric material each having a plurality of acoustic transmit areas are attached to the convex surface of the matching layer to provide a substantially continuous spherical surface of piezoelectric transmitters. A plurality of curved printed circuit boards are mounted behind the piezoelectric material and spaced apart from the back surface of the piezoelectric material to provide an air cooling passageway for the back surface of the piezoelectric material. A plurality of compliant metal contacts provide electrical connections between the printed circuit boards and the piezoelectric material and span the passageway. Electrical connections are made to electrodes on the front surface of the piezoelectric material through nonmagnetic vias extending through the piezoelectric material.

No. of Pages : 28 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3656/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : DRUG DELIVERY APPARATUS AND METHOD

(51) International classification :A61M15/00

(31) Priority Document No :09175628.8

(32) Priority Date :11/11/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/054951

Filing Date :02/11/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)DENYER Jonathan Stanley Harold

2)DYCHE Anthony

3)LEPPARD Michael James Robbert

4)PETHERBRIDGE Ian Thomas

5)SCHIPPER Alphonsus Tarcisius Jozef Maria

(57) Abstract :

A nebulizer comprises one or more removable components for example a mesh assembly mouthpiece plunger assembly and medication chamber each having an associated data carrier. The data carrier can be used to store information indicating the type of removable component that is fitted to the nebulizer. A removable component may be from a set of such removable components. For example a mouthpiece fitted to the nebulizer may be from a set of mouthpieces having different flow rates. The data carrier may also be used to control operation of the nebulizer. A data carrier attached to a mesh may be used to prevent the nebulizer from being used when the mesh has been used a predetermined number of times.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3657/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : MASK COMFORT DIAGNOSTIC METHOD

(51) International classification :F02M15/02

(31) Priority Document No :61/260039

(32) Priority Date :11/11/2009

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

(86) International Application No :PCT/IB2010/054655

Filing Date :14/10/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SMITH David W.

(57) Abstract :

A method of evaluating potential for discomfort of a patient (2) caused by an object (4) on the patient. The method includes acquiring (6) a first thermal image (20;40) of the patient and wearing the object for a predetermined time. The object is removed and a plurality of thermal images (16 24 26 28 30 44 46 48 50) of the patient are acquired at predetermined times. The potential for a pressure sore or discomfort is evaluated (12) based upon at least one of the time (17) needed for one of the plurality of thermal images of the patient to return to the first thermal image size (18) of a number of areas of an epidermis having a temperature change (19) between acquiring the first thermal image and acquiring a first one of the thermal images and the temperature change.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : SUBTILASE VARIANTS

(51) International classification :C12N15/09
(31) Priority Document No :09171308.1
(32) Priority Date :25/09/2009
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2010/064171
Filing Date :24/09/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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Denmark

(72)Name of Inventor :

1)KN-TZEL Jørgen Carsten Franz

2)HOCKAUF Maria Norman

3)BEIER Lars

4)BENIE Astrid

(57) Abstract :

The present invention relates to protease variants. The present invention also relates to polynucleotides encoding the variant protease variants and to nucleic acid constructs vectors and host cells comprising the polynucleotides and methods of using the variant enzymes such as in laundry and detergent compositions.

No. of Pages : 103 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3553/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : USE OF PROTEASE VARIANTS

(51) International classification :c12n9/52
(31) Priority Document No :09171311.5
(32) Priority Date :25/09/2009
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2010/064174
Filing Date :24/09/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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Denmark

(72)Name of Inventor :

1)KN-TZEL Jørgen Carsten Franz

2)HOCKAUF Maria Norman

(57) Abstract :

The present invention relates to protease variants in particular to the use of the protease variants in hard surface cleaning. The present invention also relates to detergent compositions such as dish wash compositions comprising the protease variants and the use of such compositions for removal of proteinaceous stains especially boiled egg stains. Finally the invention provides methods for removal of proteinaceous stains using the variant enzymes or laundry and detergent compositions comprising the variant enzymes.

No. of Pages : 101 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3677/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : ELECTRIC LINEAR MOTION ACTUATOR AND ELECTRIC DISC BRAKE ASSEMBLY

| | | |
|--|--------------------|--|
| (51) International classification | :F16H25/20 | (71) Name of Applicant : |
| (31) Priority Document No | :2009-224106 | 1)NTN CORPORATION |
| (32) Priority Date | :29/09/2009 | Address of Applicant :3-17 Kyomachibori 1-chome Nishi- |
| (33) Name of priority country | :Japan | ku Osaka-shi Osaka Japan |
| (86) International Application No | :PCT/JP2010/065728 | (72) Name of Inventor : |
| Filing Date | :13/09/2010 | 1)YAMASAKI Tatsuya |
| (87) International Publication No | : NA | 2)EGUCHI Masaaki |
| (61) Patent of Addition to Application | :NA | |
| Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

In an electric linear motion actuator, it is proposed to uniformly distribute external thrust loads to respective planetary rollers while the planetary rollers are revolving around a rotary shaft while rotating about their respective axes with a helical rib of an outer ring member in engagement with circumferential grooves of the respective planetary rollers. The planetary rollers (6) have bearing support surfaces (6b) on which thrust bearings (18) are supported, respectively. The distance from the bearing support surface (6b) of each planetary roller (6) to a predetermined reference position of each circumferential groove (6a) of the planetary roller (6) is different from the corresponding distances for the other planetary rollers (6), whereby with the planetary rollers (6) supported by the respective thrust bearings (18), the axial position of each circumferential groove (6a) coincides with the axial position of the portion of the helical rib (5a) of the outer ring member (5) that is engaged in the circumferential groove (6a).

No. of Pages : 46 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3678/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : DECODING METHOD DECODING APPARATUS CODING METHOD AND CODING APPARATUS

| | | |
|---|--------------------|---|
| (51) International classification | :H04N7/26 | (71)Name of Applicant : |
| (31) Priority Document No | :2009-251516 | 1)Panasonic Corporation |
| (32) Priority Date | :30/10/2009 | Address of Applicant :1006 Oaza Kadoma Kadoma-shi |
| (33) Name of priority country | :Japan | Osaka 571-8501 Japan |
| (86) International Application No | :PCT/JP2010/006383 | (72)Name of Inventor : |
| Filing Date | :29/10/2010 | 1)LIM Chong Soon |
| (87) International Publication No | : NA | 2)LI Min |
| (61) Patent of Addition to Application Number | :NA | 3)SUN Hai Wei |
| Filing Date | :NA | 4)SHIBAHARA Youji |
| (62) Divisional to Application Number | :NA | 5)NISHI Takahiro |
| Filing Date | :NA | |

(57) Abstract :

A decoding method includes: obtaining a plurality of quantization parameter sets from a header of a coded stream (S400); parsing an identifier from a header of a coded picture included in the coded stream (S402); selecting at least one quantization parameter set from among the plurality of quantization parameter sets based on the parsed identifier (S404); determining whether a flag parsed from the header of the coded picture has a predetermined value (S408); generating a new quantization matrix from another quantization matrix when the flag has the predetermined value (S410); decoding the coded picture by inversely quantizing the coded picture using the generated new quantization matrix (S412); and decoding the coded picture by inversely quantizing the coded picture using a quantization matrix included in the selected quantization parameter set when the flag does not have the predetermined value (S414).

No. of Pages : 92 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3679/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : RECYCLING OF TUNGSTEN CARBIDES

| | | |
|---|--------------------|---|
| (51) International classification | :B22F9/30 | (71) Name of Applicant : |
| (31) Priority Document No | :0950795-5 | 1)Minpro Aktiebolag |
| (32) Priority Date | :26/10/2009 | Address of Applicant :Odalvgen 8 SE-711 77 Strssa |
| (33) Name of priority country | :Sweden | Sweden |
| (86) International Application No | :PCT/SE2010/051155 | (72) Name of Inventor : |
| Filing Date | :26/10/2010 | 1)ARVIDSSON Johan |
| (87) International Publication No | : NA | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The invention relates to a process for producing an iron-and/or tungsten containing powder or powder agglomerate including the steps of: a) mixing at least a first powder fraction comprising a tungsten carbide containing powder and at least a second powder fraction comprising an iron oxide powder and/or a tungsten oxide containing powder and optionally an iron powder the weight of the first fraction being in the range of 50-90 % by weight of the mix and the weight of the second fraction being in the range of 10-50 % by weight of the mix b) heating the mix of step a) to a temperature in the range of 400-1300°C preferably 1000-1200°C. The invention also relates to an iron-and/or tungsten containing powder or powder agglomerate.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.358/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : SYSTEM AND METHOD FOR EFFECTIVE EQUIPMENT RENTAL MANAGEMENT

(51) International classification

:G06Q

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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ELECTRONICS CITY, HOSUR ROAD, BANGALORE - 560
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(72)**Name of Inventor :**

1)ANKITA GUPTA

(57) Abstract :

A system and method for providing a rental management tool is disclosed. Information via a user interface for renting one or more rental items to a customer is received. A project corresponding to a sales order for the customer is generated, wherein the sales order includes a plurality sales order lines, at least one sales order line being a rental item and at least one sales order line being a service item. Each sales order line is converted into a corresponding individual task item in the project. One or more resource requirements are determined for task item(s), wherein at least one candidate resource and associated competency information is identified and displayed. At least one candidate resource is assigned based on selection information received from the user interface. A rental invoice is generated for the sales order and incorporates cost information associated with the plurality of sales order lines and the at least one selected candidate resource.

No. of Pages : 33 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3689/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : STEREO CAMERA DEVICE, CORRECTION METHOD, AND PROGRAM

(51) International classification :G01C3/00
(31) Priority Document No :2010-205015
(32) Priority Date :14/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/070661
Filing Date :05/09/2011
(87) International Publication No :WO 2012/036102
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)UMEZAWA, YUKO
2)AOKI, SHIN

(57) Abstract :

A stereo camera device detecting a distance to a subject includes two cameras and a calculation unit that calculates a distance to the subject based on the images acquired by the two cameras. The calculation unit includes an image processing unit that searches for corresponding points of the images acquired by the two cameras and calculates two parallaxes based on differences in positional coordinates of the corresponding points on the images, an offset value calculation unit that calculates parallax offset values across the images based on the two parallaxes calculated by the image processing unit at least at two time points, and a statistical processing unit that performs a statistical analysis on a distribution of the parallax offset values and determines an optimum value of the parallax offset values, the optimum value being used as a correction parameter.

No. of Pages : 53 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.369/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHOD AND APPARATUS FOR SCALING IMAGES HAVING LOW RESOLUTION TO HIGH RESOLUTION

(51) International classification :H04N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)VELUSAMY Sudha
2)BOPARDIKAR Ajit S.

(57) Abstract :

The present invention provides a method and system for scaling an image of a low resolution to a high resolution image. In one embodiment an input image having a low resolution is decomposed into a first image layer and a second image layer by an image processing device. Then the first image layer is scaled to a pre-defined scale factor at a vector-art space and is processed using an adaptive blurring filter based on edge widths in the input image. Also the second image layer is scaled to the pre-defined scale factor at a pixel space. Furthermore an output image having a high resolution is generated through blending the scaled first image layer with the scaled second image layer. Finally the high resolution output image is displayed on a display of the image processing device.

No. of Pages : 16 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3690/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : MEDICAL DEVICE, APPARATUS, AND SURGICAL METHOD

(51) International classification :A61B17/68
(31) Priority Document No :61/259,383
(32) Priority Date :09/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CH2010/000278
Filing Date :09/11/2010
(87) International Publication No :WO 2011/054122 A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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SCHLIEREN Switzerland
(72)**Name of Inventor :**
1)WENGER, ANDREAS
2)MAYER, JORG

(57) Abstract :

In accordance with, an aspect of the invention, a medical device (1) is provided, the device for example being implantable into a human or animal body or being an augmentation device for strengthening human or animal hard tissue for subsequent implantation of a separate implant. The device comprises a sheath element 11 suitable of being brought into contact, during a surgical operation, with live hard tissue and/or with hard tissue replacement material. The sheath element has a for example generally elongate shape and a longitudinal bore (13) defining a longitudinal opening reaching from a proximal end of the sheath element into a distal direction, and a plurality of holes (14) in a wall of the opening. Further, the device comprises a liquefiable element (21) that is insertable or insert-ed in the longitudinal opening and at least partly liquefiable by the impact of energy impinging from the proximal side so that liquefied material flows through the holes (14) in the wall and out of the longitudinal opening into structures of the hard tissue and/or hard tissue replacement material. The medical device also comprises a directing structure that is structured angularly with respect to a longitudinal axis of the longitudinal opening to direct different portions of the liquefiable material to different ones of the holes.

No. of Pages : 38 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2946/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : TESTING SYSTEM FOR DETERMINING HYPOXIA INDUCED CELLULAR DAMAGE

(51) International classification :C12Q 1/32
(31) Priority Document No :0950717-9
(32) Priority Date :30/09/2009
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2010/051048
Filing Date :30/09/2010
(87) International Publication No :WO 2011/040874
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HIORT AF ORNAS, SOFIA

(57) Abstract :

The present invention relates to a testing system for assessing hypoxia induced cellular disposable device having a sample inlet and a collection chamber separated by a separation device wherein the collection chamber is connected to at least two, a first and a second, visible detection compartments, whereof at least one is arranged with chemical means for direct visual detection, said first detection compartment being arranged to determine whether level of hemoglobin (Hb) in a sample of body fluid taken from said mammal exceeds a predetermined threshold value, and said second detection compartment being arranged to evaluate level of total amount of lactate dehydrogenase (LDH) in said sample.

No. of Pages : 39 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.356/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : AN ENGINE START SYSTEM

(51) International classification

:F02N

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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ANANDAKUMARAN NAIR

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3)BALASUNDARAM SAI PRABHU

(57) Abstract :

An engine starting system comprising a motor; a solenoid switch; and an over running clutch coupled to a pinion, said clutch being powered by the motor to cause the pinion to engage with, and disengage from, a ring gear provided for the engine, characterized in that the pinion and the ring gear have mating helical teeth, while the armature shaft of the motor has external straight splines mating with internal straight splines in the over running clutch sleeve.

No. of Pages : 11 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3560/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : POLYPEPTIDES HAVING XYLANASE ACTIVITY AND POLYNUCLEOTIDES ENCODING SAME

| | | |
|--|--------------------------|---|
| (51) International classification | :C07K14/385, c12n9/24 | (71)Name of Applicant : 1)NOVOZYMES INC. |
| (31) Priority Document No | :61/246,887 | Address of Applicant :1445 Drew Avenue Davis California 95618 U.S.A. |
| (32) Priority Date | :29/09/2009 | 2)NOVOZYMES A/S |
| (33) Name of priority country | :U.S.A. | (72)Name of Inventor : |
| (86) International Application No | :PCT/US2010/050709 | 1)TANG Lan |
| Filing Date | :29/09/2010 | 2)LIU Ye |
| (87) International Publication No | : NA | 3)DUAN Junxin |
| (61) Patent of Addition to Application Number | :NA | 4)DING Hanshu |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention relates to isolated polypeptides having xylanase activity and isolated polynucleotides encoding the polypeptides. The invention also relates to nucleic acid constructs vectors and host cells comprising the polynucleotides as well as methods of producing and using the polypeptides.

No. of Pages : 135 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3696/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : MIXER OF COMBUSTIBLE GAS AND COMBUSTION SUPPORTING GAS

(51) International classification :B01F5/02
(31) Priority Document No :2009-226846
(32) Priority Date :30/09/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/067304
Filing Date :27/09/2010
(87) International Publication No :WO 2011/040619
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HATANO, RYO
2)SHIMADA, NAOKI
3)MIYATA, EISABURO

(57) Abstract :

A mixer (10) for mixing a combustible gas and a combustion supporting gas comprises a tubular mixing section (1) which extends between one end (1a) having a combustible gas supply port (2) and the other end (1b) having a mixed gas discharge port (3); and a combustion supporting gas supply tube (4) which is inserted into the tubular mixing section (1) between the one end (1a) and the other end (1b) of the tubular mixing section (1) and has a combustion supporting gas supply port (5) at its tip (4a) to open towards the other end (1b) of the tubular mixing section (1). A juxta-tip part (4b) of the combustion supporting gas supply tube (4) has an outer shape tapered towards the combustion supporting gas supply port (5) at the tip (4a).

No. of Pages : 33 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3697/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHOD FOR PRODUCING WHITE FILM

(51) International classification :C08J9/00
(31) Priority Document No :2009-226399
(32) Priority Date :30/09/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/066429
Filing Date :22/09/2010
(87) International Publication No :WO 2011/040311
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)OGATA, DAISUKE
3)IZAWA, MASATOSHI
4)OHIRA, TAKAYUKI
5)TAKAHASHI, KOZO

(57) Abstract :

The present invention relates to a white film production method comprising the step of causing a film having a layer containing a main resin component and another component that is immiscible with the resin component to be stretched by rolls with different circumferential speeds 3.0 times or more and 4.5 times or less in the films length direction, while heating at least one of its surfaces by applying heat of 8.5 W/cm or more and 40 W/cm or less per surface, and the subsequent step of stretching it 3 times or more and 5 times or less in the films width direction. The method according to the invention can stably produce a white film without contamination of the production line or breakage of the film.

No. of Pages : 53 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3680/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : LAMP HAVING A VARIABLE SUBSTRATE AS A BASE FOR A LIGHT SOURCE

(51) International classification :F21K99/00
(31) Priority Document No :10 2009 045 162.5
(32) Priority Date :30/09/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/005957
Filing Date :30/09/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DOHN Alexander
2)DEGELMANN Karl
3)SCHNAGL Christian
4)VEITL Armin

(57) Abstract :

The invention relates to a lamp for receiving at least one LED as a light-emitting means having a bottom part (1) as a supporting element and for feeding the electric connecting wires to a mounting device carrying the at least one LED and having a lamp shade (3). In order that the bottom part (1) or the lamp base can be adapted to an extremely wide range of materials or design requirements without the technical necessities being disregarded the invention provides for the mounting device to be a separate mounting substrate (4) having a breaking strength between 100 and 1 000 MPa for the material of the mounting substrate (4) to have a thermal conductivity between 10 and 250 W/m²K and for the mounting substrate (4) to be arranged on the bottom part (1).

No. of Pages : 13 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3681/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : SAFETY CIRCUIT IN AN ELEVATOR SYSTEM

(51) International classification :B66B5/00
(31) Priority Document No :09174017.5
(32) Priority Date :26/10/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/065823
Filing Date :20/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INVENTIO AG
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Switzerland
(72)**Name of Inventor :**
1)BIRRER Eric

(57) Abstract :

The invention relates to a safety circuit (200) in an elevator system (100), comprising at least one series connection (43) of safety-relevant contacts (20a-20d, 26), which are closed during trouble-free operation of the elevator system (100), wherein in the case of certain operating conditions in which at least one contact (20a-20d, 26) is opened, said least one contact (20a-20d, 26) can be bridged by means of semiconductor switches (36a, 36b), and wherein the semiconductor switches (36a, 36b) can be controlled by means of at least one processor (34c, 34d) and monitored by means of at least one monitoring circuit (37a, 37b) for short circuits, and further comprising at least one electromechanical relay circuit (42a), having relay contacts (31c, 31d) connected in series with the contacts (20a-20d, 26) of the bridged series connection (43), wherein the relay circuit (42a) can be controlled by means of the at least one processor (34c, 34d) and the bridgable series connection (43) can be interrupted by means of the relay contacts (31c, 31d) in the case of short-circuiting of the semiconductor switches (36a, 36b)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3682/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : PRESSURE TRANSMITTER FOR MEASURING THE PRESSURE OF A PROCESS FLUID AND RELATED METHOD

| | | |
|--|-------------------------|--|
| (51) International classification | :G01L9/00, G01L13/02 | (71)Name of Applicant : 1)ABB TECHNOLOGY AG Address of Applicant :AFFOLTERNSTRASSE 44, CH- 8050 ZURICH Switzerland |
| (31) Priority Document No | :NA | |
| (32) Priority Date | :NA | |
| (33) Name of priority country | :NA | (72)Name of Inventor : |
| (86) International Application No | :PCT/EP2009/062636 | 1)VOLONTERIO, EUGENIO |
| Filing Date | :29/09/2009 | 2)CROTTI, GABRIELE |
| (87) International Publication No | :WO 2011/038753 A1 | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A pressure transmitter and a related method for measuring the pressure exerted by a fluid on the diaphragm of the pressure transmitter itself. The pressure transmitter has a pressure sensor assembly which comprises a diaphragm displaceable under the pressure exerted on it by the fluid, first and second electronic circuits generating in output a first and a second oscillating signal, respectively, whose frequencies depend on the displacement of the diaphragm. The pressure transmitter also comprises first electronic means for calculating a first (Ni) and a second (N2) numerical value which are representative of the oscillating frequency of the first and second oscillating signals, respectively, and second electronic means which generate a signal (Pi) indicative of the pressure exerted by the fluid on the diaphragm, on the basis of the first and second calculated numerical values.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3684/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : LIQUID CRYSTAL DISPLAY DEVICE

(51) International classification :G02F1/1335
(31) Priority Document No :2009-227650
(32) Priority Date :30/09/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/066699
Filing Date :27/09/2010
(87) International Publication No :WO 2011/040370
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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KU, OSAKA-SHI, OSAKA 545-8522 Japan
(72)**Name of Inventor :**
1)FUJII, TOSHIO

(57) Abstract :

A liquid crystal display device (100) according to the present invention has a pixel (P), which includes red, green, blue and yellow subpixels (R, G, B and Y) . The chromaticity of the yellow subpixel (Y) is outside of a triangle that is defined by connecting together the respective chromaticities of the red, green and blue subpixels (R, G and B) . And the respective aperture areas SR, SS, SB and Sy of the red, green, blue, and yellow subpixels (R, G, B and Y) and the respective transmittances TR, TQ, TB and TY of their associated red, green, blue, and yellow color filters (CR, CG, CB and CY) satisfy the inequality $TY > [(SR+SG+SB + SY) (TR+TQ+TB)] / 3SY$.

No. of Pages : 62 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3485/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : STRUCTURE AND METHOD FOR MANUFACTURING THE SAME

| | | |
|--|--------------------|--|
| (51) International classification | :H05K3/46 | (71)Name of Applicant : |
| (31) Priority Document No | :2009-222549 | 1)KYOCERA CORPORATION |
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| (33) Name of priority country | :Japan | ku Kyoto-shi Kyoto 6128501 Japan |
| (86) International Application No | :PCT/JP2010/066865 | (72)Name of Inventor : |
| Filing Date | :28/09/2010 | 1)HAYASHI Katsura |
| (87) International Publication No | : NA | |
| (61) Patent of Addition to Application | :NA | |
| Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

[Problem] A structure for which the electrical reliability is improved is provided. [Solution] A structure in accordance with one embodiment of the invention includes an inorganic insulating layer (11a) including amorphous silicon oxide and having an elastic modulus which is 45 GPa or less. A method for manufacturing a structure in accordance with one embodiment of the invention includes applying an inorganic insulating sol (11x) including inorganic insulating particles (14a) composed of amorphous silicon oxide and forming an inorganic insulating layer (11a) including amorphous silicon oxide and having an elastic modulus which is 45 GPa or less by heating the inorganic insulating particles (14a) at a temperature lower than a crystallization onset temperature of silicon oxide to each other.

No. of Pages : 98 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3488/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHOD FOR CONTROLLING UPLINK POWER OF LONG TERM EVOLUTION SYSTEM
BASE STATION MOBILE TERMINAL

(51) International classification :H04W52/30
(31) Priority Document No :200910235462.0
(32) Priority Date :14/10/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/077742
Filing Date :14/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)HE Yuan
4)HAN Jing
5)WANG Wenjie
6)YAO Chunfeng

(57) Abstract :

The embodiments of the present invention provide a method a base station and a mobile terminal for uplink power control in a Long Term Evolution (LTE) system wherein the method includes: obtaining uplink transmission power of each carrier; if a difference of the obtained uplink transmission power of each carrier exceeds a particular threshold then transmitting a first notification signaling to the base station; if a sum of the obtained uplink transmission power of each carrier exceeds a predetermined threshold then transmitting a second notification signaling to the base station. The thresholds are determined according to network condition and the uplink power of the carriers is adjusted evenly and the code error rate is reduced and the case that the carrier with bad performance is compelled to interrupt is prevented.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.349/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : CELL CHANGES

(51) International classification

:H04L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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3)ALEXANDER VESELY

4)DARIO SERAFINO TONESI

(57) Abstract :

A technique comprising: receiving neighbouring cell information specifying one or more cells as neighbouring cells for a first cell of a plurality of cells associated with a gateway entity; and selecting based on said neighbouring cell information an identifier for said first cell that distinguishes said first cell from any other cell of said plurality of cells associated with said gateway entity that specifies one or more neighbouring cells in common with said first cell.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3704/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : HAIR CUTTING DEVICE WITH COMB UNIT RECOGNITION

(51) International classification :B26B13/24
(31) Priority Document No :09176159.3
(32) Priority Date :17/11/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/055102
Filing Date :10/11/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)VAN DER KAMP Hedzer Michiel Adriaan
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7)ZIJLSTRA Marcel Hilco
8)HALMUT Ishay
9)NIJDAM Jeroen Christian

(57) Abstract :

A hair cutting device (1) comprising a hair cutting device body (3); and an interchangeable comb unit (2) for defining a hair length after cutting. The hair cutting device body (3) further comprises a comb interface for releasable attachment of the comb unit (2) to the hair cutting device body (3); a hair length indicator (7) operatively coupled to the comb interface for indicating the hair length to a user. The interchangeable comb unit (2) comprises a comb identification member (11; 13) identifying a hair length associated with the comb unit (2); and the comb interface comprises a comb recognition arrangement (10; 14a b) being electrically coupled to the hair length indicator (7).

No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3705/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : MOTION CORRECTION IN RADIATION THERAPY

(51) International classification :G06T11/00
(31) Priority Document No :61/262172
(32) Priority Date :18/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/054665
Filing Date :14/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SCHWEIZER Bernd
2)GOEDICKE Andreas

(57) Abstract :

A diagnostic imaging system includes a tomographic scanner 10 which generates sets of anatomical and functional image data. An adaption unit 50 adapts a motion model to a geometry of an object of interest based on a motion averaged volume image representation acquired over a plurality of motion phases. Virtual image data is simulated from the anatomical projection image data with the motion model at the plurality of motion phases. A comparison unit 54 determines a difference between the actual and virtual anatomical image data. If the difference meets a stopping criterion the motion model is used to correct acquired functional image data and a corrected functional image is reconstructed therefrom. If not the motion model is iteratively updated based until the difference meets the stopping criterion.

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3707/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : COMPOSITE CONTAINERS

| | |
|---|--------------------|
| (51) International classification | :B65D77/04 |
| (31) Priority Document No | :09012261.5 |
| (32) Priority Date | :28/09/2009 |
| (33) Name of priority country | :EPO |
| (86) International Application No | :PCT/EP2010/005844 |
| Filing Date | :24/09/2010 |
| (87) International Publication No | :WO 2011/035917 |
| | A1 |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

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(72)**Name of Inventor :**

1)HEIRMAN, MARC

2)WARDENIER, DANIEL, ACHIEL, CAMIEL

(57) Abstract :

A composite container comprising a rectangular cuboidal rigid outer-container comprising a top and a bottom surface connected by 4 side walls, and a single compressible, rigid inner-container for containing a pourable product, said inner-container having a basis weight of from 150 g/m² to 700 g/m², and said inner container comprising a top, a bottom, and a closable opening located at said top. The inner-container comprises at least one zone having a circular cross-section and at least 2 zones having a non-circular cross-section, whereby said at least 2 zones having a non-circular cross-section are in contact with the inner surface of said outer-container. The at least 2 zones having a non-circular cross-section are separated by said at least one zone having a circular cross-section.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3708/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : BIAXIALLY ORIENTED POLYESTER FILM

| | | |
|--|--------------------|---|
| (51) International classification | :C08L67/02 | (71)Name of Applicant : |
| (31) Priority Document No | :2009-247325 | 1)TORAY INDUSTRIES, INC. |
| (32) Priority Date | :28/10/2009 | Address of Applicant :1-1, NIHONBASHI-MUROMACHI |
| (33) Name of priority country | :Japan | 2-CHOME, CHUO-KU, TOKYO 103-8666 Japan |
| (86) International Application No | :PCT/JP2010/068297 | (72)Name of Inventor : |
| Filing Date | :19/10/2010 | 1)SHIOMI, ATSUSHI |
| (87) International Publication No | :WO 2011/052420 | 2)AOYAMA, SHIGERU |
| Number | A1 | 3)SHIMAZU, AYAKO |
| (61) Patent of Addition to Application | :NA | 4)TAKAHASHI, KOZO |
| Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Disclosed is a biaxially oriented polyester film, which is a polyester film having a polyester layer (PI layer) containing a polyester (AI) comprising either ethylene terephthalate or ethylene-2,6-naphthalenedicarboxylate as a main constituent, a thermoplastic resin (DI), and inorganic particles (CI), wherein the content of the thermoplastic resin (DI) in the PI layer, WDI, is not less than 2% by mass and not more than 40% by mass based on the PI layer; the relationship: $1.5 \times \text{MWAI} / \text{MWAI} - \text{MWDI} / \text{MWDI}$ is satisfied, wherein MWAI is the weight-average molecular weight of the polyester (AI); MWDI is the weight-average molecular weight of the thermoplastic resin (DI); MWAI is the weight-average molecular weight of the polyester (AI) after treatment at 125°C and 100% RH for 72 hr; and MWDI is the weight-average molecular weight of the thermoplastic resin (DI) after treatment at 125°C and 100% RH for 72 hr; and, in the PI layer, the thermoplastic resin (DI) is present in the polyester (AI) as dispersion phases, and the number of the dispersion phases having a longitudinal length of more than 30,000 nm (30μm) is not more than $2/3 \times 10^9 \text{ nm}^2$ ($2/3,000\mu\text{m}^2$). The biaxially oriented polyester film of the present invention has excellent moist-heat resistance and UV light resistance, and a solar battery with high durability can be provided by using this in a solar battery back sheet.

No. of Pages : 88 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3709/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : WIRELESS COMMUNICATION SYSTEM, MOBILE STATION APPARATUS, BASE STATION APPARATUS, COMMUNICATION CONTROL METHOD AND INTEGRATED CIRCUIT

(51) International classification :H04W24/10
(31) Priority Document No :2009-223434
(32) Priority Date :28/09/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/061705
Filing Date :09/07/2010
(87) International Publication No :WO 2011/036933
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SHARP KABUSHIKI KAISHA
Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI, OSAKA 545-8522 Japan
(72)**Name of Inventor :**
1)NAKASHIMA, DAIICHIRO
2)YAMADA, SHOHEI
3)SUZUKI, SHOICHI

(57) Abstract :

To efficiently control channel quality indicators CQIs in response to a plurality of downlink component frequency bands in a wireless communication system using a plurality of component frequency bands, and enable a mobile station apparatus to suitably transmit signals including the channel quality indicators CQIs, the mobile station apparatus is provided with an uplink control data generation part 407 that generates a channel quality indicator in response to each of the downlink component frequency bands, an uplink control channel selection part 409 that selects a particular radio resource when a plurality of radio resources, which are beforehand allocated from the base station apparatus to transmit the channel quality indicator for each of the downlink component frequency bands, occurs in the same time frame, and a transmission processing part 405 that arranges the channel quality indicator generated in the uplink control data generation part 407 in the radio resource selected in the uplink control channel selection part 409 to transmit to the base station apparatus.

No. of Pages : 176 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3700/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : PARAMETRIC ENCODING AND DECODING

(51) International classification :G10L19/00

(31) Priority Document No :09175771.6

(32) Priority Date :12/11/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/055025

Filing Date :05/11/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)KONINKLIJKE PHILIPS ELECTRONICS N.V.

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(72)Name of Inventor :

1)DEN BRINKER Albertus Cornelis

2)SCHUIJERS Erik Gosuinus Petrus

3)OOMEN Arnoldus Werner Johannes

(57) Abstract :

An encoder for a multi-channel audio signal which comprises a down-mixer (201 203 205) for generating a down-mix as a combination of at least a first and second channel signal weighted by respectively a first and second weight with different amplitudes for at least some time-frequency intervals. Furthermore a circuit (201 203 209) generates up-mix parametric data characterizing a relationship between the channel signals as well as characterizing the weights. A circuit generates weight estimates for the encoder weights from the up-mix parametric data; and comprises an up-mixer (407) which recreates the multi-channel audio signal by up-mixing the down-mix in response to the up-mix parametric data the first weight estimate and the second weight estimate. The up-mixing is dependent on the amplitude of at least one of the weight estimate(s).

No. of Pages : 47 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3701/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : A STEERING SYSTEM AND A CATCHER SYSTEM

| | |
|--|---|
| (51) International classification :A61M25/01 | (71)Name of Applicant : |
| (31) Priority Document No :09175746.8 | 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. |
| (32) Priority Date :12/11/2009 | Address of Applicant :GROENEWOUDSEWEG 1 |
| (33) Name of priority country :EPO | EINDHOVEN 5621 BA NETHERLANDS |
| (86) International Application No :PCT/IB2010/055056 | (72)Name of Inventor : |
| Filing Date :08/11/2010 | 1)BHAT Ravindra |
| (87) International Publication No : NA | 2)BOS Dennis Erwin |
| (61) Patent of Addition to Application Number :NA | 3)RIJKEN Antonius Maria |
| Filing Date :NA | 4)PARDOEL Michel Gerardus |
| (62) Divisional to Application Number :NA | 5)IZMIT Sait |
| Filing Date :NA | |

(57) Abstract :

A steering system (30) comprises two radially oppositely arranged drive wheels (1; 3) for steering a tubular object (5) positioned between the drive wheels (1; 3). The drive wheels (1; 3) each have a wheel rotation axis (40; 42) and each include a plurality of rollers (7) distributed around the wheel rotation axis (40; 42). The rollers (7) are rotatably arranged, each roller having a roller rotation axis (44) and an outer drive face (58) concavely vaulted in a direction corresponding to its roller rotation axis (44). The roller rotation axis (44) is obliquely oriented in relation to the wheel rotation axis (40; 42) and the rollers (7) of each drive wheel (1; 3) form together a steering periphery for the tubular object (5). The steering system enables continuous rotation of a tubular object without danger that the object will lose the contact with the rollers. The steering system (30) may be incorporated in a catheter system which comprises a catheter (5).

No. of Pages : 16 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3702/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : OVERVOLTAGE PROTECTION FOR DEFIBRILLATOR

| | | |
|---|--------------------|---|
| (51) International classification | :A61N1/39 | (71)Name of Applicant : |
| (31) Priority Document No | :61/261389 | 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. |
| (32) Priority Date | :16/11/2009 | Address of Applicant :GROENEWOUDSEWEG 1 |
| (33) Name of priority country | :U.S.A. | EINDHOVEN 5621 BA NETHERLANDS |
| (86) International Application No | :PCT/IB2010/055109 | (72)Name of Inventor : |
| Filing Date | :10/11/2010 | 1)WAHLER Bruce Andrew |
| (87) International Publication No | : NA | 2)HUNT David K. |
| (61) Patent of Addition to Application Number | :NA | 3)LTMBAHY Aziz |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A defibrillation circuit comprising a gas discharge tube and a light source arranged to pre-energize the gas discharge tube in order to provide predictable breakdown conditions of the gas discharge tube. The gas discharge tube may be used as an overvoltage protection device for the defibrillation circuit or for certain parts of the defibrillation circuit. An overvoltage protection device for medical devices is also described. The overvoltage protection device comprises a gas discharge tube and a light source arranged to pre-energize the gas discharge tube in order to provide predictable breakdown conditions of the gas discharge tube.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3703/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : HUMAN-ROBOT SHARED CONTROL FOR ENDOSCOPIC ASSISTANT ROBOT

(51) International classification :A61B19/00

(31) Priority Document No :61/261390

(32) Priority Date :16/11/2009

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

(86) International Application No :PCT/IB2010/055175

Filing Date :15/11/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)POPOVIC Aleksandra

(57) Abstract :

A surgical system includes a robot with both an active mode and an inactive mode of operation, and a holding arm for holding a surgical tool, and an immediate deactivator for determining when a human operator manually manipulates a holding arm or a surgical tool depending on signals from at least one condition sensor. Immediately upon that determination, the immediate deactivator deactivates the robot. The holding arm includes a stiffener/destiffener for increasing or decreasing the flexibility of the holding arm. The stiffness of the holding arm can be sufficiently decreased in the inactive mode to allow a human operator to skillfully control repositioning the surgical tool into a new position while the flexible holding arm is connected between the robot and the surgical tool. Also, the stiffness of the holding arm can be sufficiently increased, for essentially locking it into a rigid fixed shape for providing sufficient rigidity in the active mode for the robot to reposition the rigid holding arm for repositioning the surgical tool to perform preprogrammed tasks initiated by surgeon command inputs. The holding arm is completely inactive in both the active and inactive modes of the robot.

No. of Pages : 29 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2634/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :22/03/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : ETHERNET SWITCH RING (ESR) PROTECTION METHOD AND TRANSIT NODE

(51) International classification :H04L12/437
(31) Priority Document No :200910092368.4
(32) Priority Date :07/09/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/072933
Filing Date :19/05/2010
(87) International Publication No :WO 2011/026347 A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**

1)ZTE CORPORATION

Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH,
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SHENZHEN, GUANGDONG, PROVINCE 518 057 China

(72)**Name of Inventor :**

1)YUANYUAN PENG

2)TAO ZHANG

3)LIMING HONG

(57) Abstract :

The present invention discloses an Ethernet Switch Ring (ESR) protection method, for introducing the pre-up state for the transit node, comprising, after the loop failure is recovered, the transit node on the loop will enter the pre-up state if not receiving the loop failure protocol message within the set time; and when the transit node is in the pre-up state and the loop is failed again, i.e., the transit node receives the loop failure protocol message in the pre-up state, the transit node opens the master and slave ports and refreshes the MAC address. Correspondingly, the present invention further discloses an ESR transit node. Since the pre-up state is introduced for the transit node and the transit node controls whether to open the recovered failed port by itself, the unsmooth flow caused by the master node which cannot notify the recovered failed port to open is avoided, and the ring network protection capability and user experience can be improved.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.328/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : AN INTERSPECIFIC JATROPHA HYBRID (NANDAN-5) AND PROCESS FOR PREPARATION THEREOF

(51) International classification

:A01H

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KARANAM, KOTESWARA, RAO

2)BHUVANASI, JAYAKUMAR

(57) Abstract :

Discloses a novel plant created as an interspecific hybrid of the genus Jatropha designated as Nandan-5 is disclosed. The plant was created by crossing of Jatropha curcas species with Jatropha integerrima species. The new interspecific hybrid plant thus invented is found to have unique traits that differed from either parent. This invention relates to the Jatropha interspecific hybrid Nandan-5 plant, the plants generated by any means from a plant part selected from the group consisting of leaves, pollen, embryos, cotyledons, hypocotyls, meristematic cells, roots, root tips, pistils, anthers, flowers, inflorescence, and stems from Nandan-5.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.339/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : READY TO MIX COCKTAIL

(51) International classification

:A23L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SIPPING SPIRITS PRIVATE LIMITED

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Nadu India

(72)Name of Inventor :

1)PRASANNA NATARAJAN

(57) Abstract :

The invention relates to an alcoholic cocktail concentrate for preparing a cocktail and a method of preparing the ready-to-mix cocktail from the packaged concentrate. The cocktail concentrate comprises of an alcohol, and a concentrated preparation with ingredients such as fruit pulp, fruit flavoring, fruit peel extract, fruit juice, fruit juice concentrate, fruit puree, sugar and/or sweetener or a combination thereof alongwith flavoring agents. The cocktail concentrate has the alcohol concentration is atleast 37.5% by volume. The cocktail may expand with the expanding agents are ice, soda or combination thereof, and strains to produce fruit based alcoholic cocktail drink or recipe.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3614/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : DNA CONSTRUCT AND PROCESS FOR PRODUCTION OF RECOMBINANT CHO CELL USING SAME*

| | | |
|---|--------------------|--|
| (51) International classification | :C12N15/09 | (71)Name of Applicant : |
| (31) Priority Document No | :2009-229722 | 1)TOTO LTD. |
| (32) Priority Date | :01/10/2009 | Address of Applicant :1-1 Nakashima 2-chome |
| (33) Name of priority country | :Japan | Kokurakita-ku Kitakyushu-shi Fukuoka 8028601 Japan |
| (86) International Application No | :PCT/JP2010/066317 | (72)Name of Inventor : |
| Filing Date | :21/09/2010 | 1)SONEZAKI Shuji |
| (87) International Publication No | : NA | 2)OGAMI Yumi |
| (61) Patent of Addition to Application Number | :NA | 3)YAMANA Yoshimasa |
| Filing Date | :NA | 4)NARITA Junya |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Disclosed is a DNA construct that is useful for efficient production of recombinant CHO cells useful for the production of target proteins. The DNA construct is a construct comprising from a 5 end toward a 3 end a first homologous DNA fragment a target protein gene and a second homologous DNA fragment. The first and second homologous DNA fragments have homology allowing for homologous recombination with a part of a hypoxanthine-phosphoribosyltransferase enzyme (hprt) locus in a CHO cell genome and have a chain length of not less than 1kbp.

No. of Pages : 99 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3735/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHODS FOR PARALLEL VIDEO ENCODING AND DECODING

(51) International classification :H04N7/26
(31) Priority Document No :12/579,236
(32) Priority Date :14/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2010/068541
Filing Date :14/10/2010
(87) International Publication No :WO 2011/046231
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SHARP KABUSHIKI KAISHA
Address of Applicant :22-22, NAGAIKE-CHO, ABENO-
KU, OSAKA-SHI, OSAKA 545-8522 Japan
(72)**Name of Inventor :**
1)SEGALL, CHRISTOPHER, A.
2)ZHAO, JIE

(57) Abstract :

Aspects of the present invention are related to methods and devices for parallel video encoding and decoding. Aspects can include a method for encoding a video frame of a video sequence in an encoder, comprising partitioning a frame of a video sequence into at least one reconstruction slice, thereby producing a first reconstruction slice, and partitioning said first reconstruction slice into a plurality of entropy slices, wherein a number of bins associated with each entropy slice in said plurality of entropy slices is less than or equal to a predefined number of bins.

No. of Pages : 84 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3500/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : TRANSFORMER

| | |
|--|--------------------------|
| (51) International classification | :H01F27/02, H01F27/08 |
| (31) Priority Document No | :09173371.7 |
| (32) Priority Date | :19/10/2009 |
| (33) Name of priority country | :EPO |
| (86) International Application No | :PCT/EP2010/065608 |
| Filing Date | :18/10/2010 |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)**Name of Applicant :**

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Address of Applicant :Affolternstrasse 44 CH-8050 Zürich
Switzerland

(72)**Name of Inventor :**

1)MURILLO Rafael

(57) Abstract :

The present invention relates to a transformer (2) containing an electrical active part (4) arranged in an insulating space (14) and comprising a primary winding (8), secondary winding (6) and a magnetic core (10), said windings (6, 8) being wound around the magnetic core (10) and being radially spaced apart from each other by a winding space (12) comprising an insulation fluid (16; 16a) . The transformer (2) further comprises a block (18) defining a compartment (20) closed and separated from the remaining insulating space (22) , said closed compartment (20) being at least partially arranged within the winding space (12). The invention is characterized in that the closed compartment (20) comprises an insulation fluid (16a) which is different from the insulation fluid (16b). comprised in the remaining insulating space (22) of the transformer (2) , the insulation fluid (16a) comprised in the closed compartment (20) having a higher dielectric breakdown field strength than the insulation fluid (16b) comprised in the remaining insulating space (22).

No. of Pages : 19 No. of Claims : 13

(54) Title of the invention : PHOTSENSITIVE ADHESIVE COMPOSITION PHOTSENSITIVE ADHESIVE SHEET AND SEMICONDUCTOR DEVICE USING THE SAME

| | | |
|--|---------------------------|---|
| (51) International classification | :C09J163/02, C09J11/00 | (71)Name of Applicant : |
| (31) Priority Document No | :2009-240162 | 1)TORAY INDUSTRIES INC. |
| (32) Priority Date | :19/10/2009 | Address of Applicant :1-1 Nihonbashi-Muromachi 2- chome Chuo-ku Tokyo 103-8666 Japan |
| (33) Name of priority country | :Japan | (72)Name of Inventor : |
| (86) International Application No | :PCT/JP2010/068133 | 1)SHIMADA Akira |
| Filing Date | :15/10/2012 | 2)TACHIBANA Yasuko |
| (87) International Publication No | : NA | 3)NIWA Hiroyuki |
| (61) Patent of Addition to Application Number | :NA | 4)NONAKA Toshihisa |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Disclosed is a photosensitive adhesive composition including: (A) an epoxy compound, (B) a soluble polyimide having a residue of the diamine represented by the general formula (2), (C) a photopolymerizable compound, and (D) a photopolymerization initiator, wherein the epoxy compound (A) contains an epoxy compound represented by the general formula (1), and also the soluble polyimide (B) has a residue of diamine represented by the general formula (2): [Chemical Formula 1] wherein m and n in the general formula (1) are integers of 0 or more, which satisfy the relationship: $1 \leq m + n \leq 10$, x is an integer of 1 or more and 5 or less, y is an integer of 1 or more and 10 or less, and $y = 2x$; and [Chemical Formula 2] wherein R1 to R8 in the general formula (2) may be respectively the same or different, and selected from the group consisting of a hydrogen atom, an alkyl group having 1 to 30 carbon atoms, an alkoxy group having 1 to 30 carbon atoms, a halogen, a sulfone group, a nitro group and a cyano group. The present invention provides a photosensitive adhesive composition which can be developed with an alkali developing solution after exposure, and exhibits high adhesive strength in case of thermocompression bonding on a substrate, and is also excellent in insulation stability.

No. of Pages : 74 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3741/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : POSITIVE ALLOSTERIC MODULATORS(PAM)

(51) International classification :C07D213/74
(31) Priority Document No :09174136.3
(32) Priority Date :27/10/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/066016
Filing Date :25/10/2010
(87) International Publication No :WO 2011/051201
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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8)STADLER, HEINZ

9)VIEIRA, ERIC

(57) Abstract :

The present invention relates to phenylethynyl derivatives of formula wherein R1 is hydrogen, halogen, lower alkyl or lower alkyl substituted by halogen; R2 is hydrogen, lower alkyl, =O, lower alkoxy, phenyl, hydroxy or lower alkyl substituted by hydroxy; X is N, CF or CH; L is -NR3-, -NHC(R3)2-, -O-, -OC(R3)2-, -CR4R4-; R3 is hydrogen or lower alkyl; R4/R4 are independently from each other hydrogen or lower alkyl; cyc is cycloalkyl or heterocycloalkyl, or is a non-aromatic bicycle selected from 7-oxa-bicyclo[2.2.1]hept-1-yl or bicyclo[2.2.1]hept-1-yl; n is 1,2 or 3; or to a pharmaceutically acceptable acid addition salt, to a racemic mixture, or to its corresponding enantiomer and/or optical isomer and/or stereoisomer thereof. It has now surprisingly been found that the compounds of general formula I are positive allosteric modulators (PAM) of the metabotropic glutamate receptor subtype 5 (mGluR5). They are useful for the treatment of schizophrenia or cognitive diseases.

No. of Pages : 63 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3736/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : DOWNLINK CONTROL SIGNALLING FOR DOWNLINK MIMO

(51) International classification :H04J99/00
(31) Priority Document No :2009905306
(32) Priority Date :29/10/2009
(33) Name of priority country :Australia
(86) International Application No :PCT/JP2010/062386
Filing Date :14/07/2010
(87) International Publication No :WO 2011/052273
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)NG, BOON LOONG
2)SIEW, JIUN

(57) Abstract :

A method of downlink control signalling for downlink multiple input/multiple output (MIMO) operation between a Base Transceiver Station (BTS) and User Equipment (UE) includes the following steps. Maintaining one or more mapping tables at a network location accessible by the UE, the mapping tables including first UE signalling data. Transmitting a message index to the UE to enable relevant first UE signalling data to be read by the UE. Transmitting second UE signalling data to the UE. At the UE, using the first and second UE signalling data to derive UE control data.

No. of Pages : 30 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3737/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : REACTOR WITH CHANNELS

(51) International classification :B01J19/24
(31) Priority Document No :0918738.6
(32) Priority Date :26/10/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/051712
Filing Date :12/10/2010
(87) International Publication No :WO 2011/051696 A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**

1)WEST, DAVID, JAMES

(57) Abstract :

A reactor (10) comprises a stack of metal sheets (12, 14, 15) arranged to define first and second flow channels (16, 17) within the stack the first and second flow channels being arranged alternately within the stack, with removable catalyst-carrying gas-permeable non-structural elements (22, 24) within each flow channel in which a reaction is to be performed, wherein the first flow channels are for an exothermic reaction and the second flow channels are for an endothermic reaction. The channels (20) at each end of the stack are such that no heat is generated within them. They may be non-flow channels (20).

No. of Pages : 22 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3738/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : ELECTRONIC DOCUMENT PROCESSING DEVICE, ELECTRONIC DOCUMENT DISPLAY DEVICE, ELECTRONIC DOCUMENT PROCESSING METHOD, ELECTRONIC DOCUMENT PROCESSING PROGRAM, AND STORAGE MEDIUM

(51) International classification :G06F3/048
(31) Priority Document No :2009-232662
(32) Priority Date :06/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/067384
Filing Date :04/10/2010
(87) International Publication No :WO 2011/043303
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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1)SHIMADA, MASAYUKI
2)MIKI, KAZUHIRO
3)TANEMURA, YOSHITAKA

(57) Abstract :

An electronic document display device (100) in accordance with the present invention includes: a marker analysis section (110) for analyzing distribution of markers in an electronic document; an input receiving section (109) for receiving designation for designating a designated part of the electronic document, which designated part is designated to be displayed on a display section (111); and a display control section (107) for causing the display section (111) to display a part of the electronic document on the basis of the distribution of the markers analyzed by the marker analysis section (110), the part ranging differently from the designated part received by the input receiving section (109), so as to increase possibility of the marked places being displayed on the display section.

No. of Pages : 97 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3739/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : MOULD FOR PROCESSING MOLTEN METAL MATERIAL

(51) International classification :B22D2/00
(31) Priority Document No :10 2009 043 542.5
(32) Priority Date :30/09/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/005883
Filing Date :27/09/2010
(87) International Publication No :WO 2011/038875
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)BARTZ, BORIS
4)LIEFTUCHT, DIRK

(57) Abstract :

The invention relates to a mould for processing liquid metallic material, comprising a wall in which at least one sensor element for detecting the temperature and/or expansion of at least a part of the mould is arranged. In order to enable installation of an efficient monitoring element for the mould in economic manner, the invention provides that the sensor element (2) comprises at least one optical waveguide which is arranged in a groove (3) in the wall (1) of the mould, wherein the optical waveguide (2) bears in the groove base (4) of the groove (3) and wherein the volume of the groove (3) not filled by the optical waveguide (2) is at least substantially, preferably completely, closed by a filler member (5).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.374/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : WATER ELEVATER AND DISTRIBUTER

(51) International classification

:F02P

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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BENGALURU - 560 015 Karnataka India

(72)Name of Inventor :

1)PRAHLAD. N. JOSHI

(57) Abstract :

This concept and design by me is my own knowledge. I have not copied from any one. This is not available in any book. There are two concepts (i) As per the title of the innovation, the water is elevated to max height by its own force created by the water force. (ii) The Electricity is generated by the water wheel at the same time can be connected with Dynamo and be connected to the pump set to lift the water by centrifugal force.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2375/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : RADIO BASE STATION AND MOBILE COMMUNICATION METHOD

(51) International classification :H04W28/04
(31) Priority Document No :2009-207489
(32) Priority Date :08/09/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/065331
Filing Date :07/09/2010
(87) International Publication No :WO 2011/030759
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KIYOSHIMA, KOHEI
2)ISHII, HIROYUKI
3)UMESH, ANIL
4)OKUBO, NAOTO

(57) Abstract :

A radio base station (eNB) comprises: a transmission format deciding unit (13) for deciding a transmission format of uplink data signals in which HARQ is performed; a frequency resource deciding unit (14) for deciding a frequency resource of the uplink data signals; a transmission instructing unit (15) for instructing a new transmission and a retransmission of the uplink data signals via PDCCH; and an arrival acknowledgement information transmitting unit (12) for transmitting arrival acknowledgement information of the uplink data signals via PHICH. The arrival acknowledgement information transmitting unit (12) always transmits ACK. as the arrival acknowledgement information when a subframe bundling has been applied to the uplink data signals.

No. of Pages : 43 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2935/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : DRIVE MECHANISM FOR A DRUG DELIVERY DEVICE

(51) International classification :A61M5/315

(31) Priority Document No :09171741.3

(32) Priority Date :30/09/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/064399

Filing Date :29/09/2010

(87) International Publication No :WO 2011/039208

A3

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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4)KOUYOUMJIAN, GAREN

5)MACDONALD, CATHERINE ANNE

(57) Abstract :

A first output member (8) is rotatable around an axis (4) relatively to the body (1). A second output member (9) is movable relatively to the body along the axis. The first output member and the second output member are rotationally coupled. A drive feature (6, 7) is provided to generate a rotation of the first output member. A part (10) which is removable from and attachable to the body is provided so that the first output member is unidirectionally rotationally coupled with the drive feature when the part is attached to the body.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3525/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHODS FOR DIAGNOSIS OF IMMUNE RESPONSES AGAINST VIRUSES•

(51) International classification :G01N33/569

(31) Priority Document No :09173668.6

(32) Priority Date :21/10/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/NL2010/050699

Filing Date :21/10/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)LIU Wai Ming

(57) Abstract :

The present invention relates to methods for diagnosis of a cellular immune responses against a virus using an inactivated virus. In the method of the invention a cellular immune response against the virus is detected in a subject by incubating PBMCs from the subject with a preparation of inactivated virus and subsequently detecting the expression of at least one T cell specific cytokine in the subjects PBMCs, preferably by flow cytometry. Advantageously in the method, inactivated virus is used for incubation with PBMCs from the subject so as to make feasible that the method is performed in laboratories without BSL-3 classification. Preferably the method is a method for detecting a CD4 + and/or CD8 + T cell response against an influenza virus by detecting expression of one or more of CD107, IFN- , IL-2, IL-10 and TNF- , using formaline inactivated influenza virus. The invention further pertains to kits comprising components that are useful for detecting a cellular immune responses in a subject against a virus.

No. of Pages : 37 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3756/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : DISPLAY DRIVING CIRCUIT, DISPLAY DEVICE, AND DISPLAY DRIVING METHOD

(51) International classification :G09G3/36
(31) Priority Document No :2009-239759
(32) Priority Date :16/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/059384
Filing Date :02/06/2010
(87) International Publication No :WO 2011/045954
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)GYOUTEN, SEIJIROU

(57) Abstract :

In a display device (i) which carries out a display based on a video signal whose resolution has been converted to higher resolution (high-resolution conversion driving) and (ii) which carries out CC driving, when the resolution of the video signal is converted by a factor of 2 (double-size display), assuming that a direction in which the gate lines extend is a row-wise direction, signal potentials having the same polarity and the same gray scale are supplied to pixel electrodes included in respective two pixels that correspond to two adjacent gate lines and that are adjacent to each other in the column-wise direction (scanning direction), and a direction of change in the signal potentials written to the pixel electrodes from the source lines varies every two adjacent rows according to the polarities of the signal potentials. This eliminates appearance of alternate bright and dark transverse stripes that appear in a display picture when a (n-fold-size display) is carried out in the display device which employs CC driving, and thus improves display quality of the display device.

No. of Pages : 319 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3505/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : HYDROCARBON GAS PROCESSING

(51) International classification :F25J3/00
(31) Priority Document No :61/244,181
(32) Priority Date :21/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/046967
Filing Date :27/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)LYNCH Joe T.
4)HUDSON Hank M.
5)CUELLAR Kyle T.

(57) Abstract :

A process and an apparatus are disclosed for the recovery of ethane, ethylene, propane, propylene, and heavier hydrocarbon components from a hydrocarbon gas stream. The stream is cooled and divided into first and second streams. The first stream is further cooled to condense substantially all of it and divided into first and second portions. The first and second portions are expanded to the fractionation tower pressure and supplied to the fractionation tower at upper mid-column feed positions, with the expanded second portion being heated before it enters the tower. The second stream is expanded to the tower pressure and supplied to the column at a mid-column feed position. A distillation vapor stream is withdrawn from the column above the feed point of the second stream, combined with a portion of the tower overhead vapor stream, compressed to higher pressure, and directed into heat exchange relation with the remaining tower overhead vapor stream and the expanded second portion to cool the compressed combined vapor stream and condense at least a part of it, forming a condensed stream. At least a portion of the condensed stream is expanded to the tower pressure and directed to the fractionation tower as its top feed. The quantities and temperatures of the feeds to the fractionation tower are effective to maintain the overhead temperature of the fractionation tower at a temperature whereby the major portion of the desired components is recovered.

No. of Pages : 95 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3506/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHOD APPARATUSES AND COMPUTER PROGRAM FOR MAINTAINING DATABASES

(51) International classification :H04W16/14

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/FI2009/050798

Filing Date :05/10/2009

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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4)Pekka Ojanen

(57) Abstract :

There is disclosed a method, apparatus and a computer code to maintain databases. In the method a first database containing information of a usage of a frequency spectrum is maintained for a first geographical area by the apparatus. Information is received from a second database apparatus on a second geographical area. The first database apparatus determines whether said first geographical area and said second geographical area are at least partly overlapping. A linkage table is maintained to provide an indication on the result of the determination, wherein said indication is indicative of whether said first geographical area and said second geographical area are at least partly overlapping.

No. of Pages : 41 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3507/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : LIQUID PACKAGE COVER WITH AIR DUCT•

(51) International classification :B65D5/74
(31) Priority Document No :2009/07644
(32) Priority Date :08/10/2009
(33) Name of priority country :Turkey
(86) International Application No :PCT/TR2010/000199
Filing Date :08/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

A cover assembly (20) for a pockage regulating air passage into the package during outflow of liquid from the package.

No. of Pages : 9 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3746/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : STERILIZATION OF BIODEGRADABLE HYDROGELS

| | |
|---|--------------------|
| (51) International classification | :A61L2/00 |
| (31) Priority Document No | :09174526.5 |
| (32) Priority Date | :29/10/2009 |
| (33) Name of priority country | :EPO |
| (86) International Application No | :PCT/EP2010/066404 |
| Filing Date | :28/10/2010 |
| (87) International Publication No | :WO 2011/051406 |
| | A1 |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

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2)VOIGT, TOBIAS

3)HERSEL, ULRICH

(57) Abstract :

The present invention relates to a terminal sterilization process for biodegradable PEG-based insoluble hydrogels using irradiation. The presence of a protective solvent ensures that the hydrogel remains intact with functionally preserved three-dimensional and physicochemical properties.

No. of Pages : 56 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3749/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : FLOW CONTROL DEVICE FOR SMOKING ARTICLE

(51) International classification :A24D3/04
(31) Priority Document No :2009/07582
(32) Priority Date :28/10/2009
(33) Name of priority country :South Africa
(86) International Application No :PCT/EP2010/065536
Filing Date :15/10/2010
(87) International Publication No :WO 2011/051115
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LE ROUX, GERHARD MALAN

(57) Abstract :

A smoking article such as a filter cigarette includes a rotary flow control device (2) in its filter assembly that comprises first, second and third body portions (3, 4, 5). The first body portion (1) contains a plug (6) of filter material and is attached to a tobacco rod (1). The second portion (4) contains different smoke flavourants in different sectors (18), which can be aUgned by manual rotation individually with a smoke flow passageway (13, 35). to impart different flavours to the smoke that passes to the mouth of the consumer. The second body portion (4) is rotated through the agency of the third body portion (5). First and second ratchet mechanisms (14,19; 20, 24) are disposed between the second body portion (4) and the first and third body portions respectively to allow assured rotation of the second portion to select individual flavourants for the smoke passing to the consumer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3645/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : ROTARY DAMPER

(51) International classification :F16F9/14
(31) Priority Document No :2009-226672
(32) Priority Date :30/09/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/004811
Filing Date :29/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)OGAWA Masaki

(57) Abstract :

A first cam mechanism 8 is provided between outer portions of opposite surfaces of a rotor 2 and a piston 3. A shaft portion 2c is integrally formed in a central portion of the opposite surface of the rotor 2 opposed to the piston 3. A pair of outwardly projecting portions 9a, 9a are formed in an outer peripheral surface of the shaft portion 2c. A through hole 3a in which the shaft portion 2c is inserted is formed in the piston 3. A pair of inwardly projecting portions 9b, 9b are formed in an inner peripheral surface of the through hole 3a. The outwardly projecting portions 9a, 9a are arranged such that each of the outwardly projecting portions 9a can pass through a gap between the inwardly projecting portions 9b, 9b and the inwardly projecting portions 9b, 9b are arranged such that each of the inwardly projecting portions 9b can pass through a gap between the outwardly projecting portions 9a, 9a. A second cam mechanism 9 is provided between opposite surfaces of the outwardly projecting portion 9a and the inwardly projecting portion 9b opposed to each other when the rotor 2 is rotated through a predetermined angle after the outwardly projecting portion 9a have passed through the gap between the inwardly projecting portions 9b, 9b.

No. of Pages : 32 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3646/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : CLOCK TURN-ON STRATEGY FOR POWER MANAGEMENT

(51) International classification :G06F1/30
(31) Priority Document No :61/261,181
(32) Priority Date :13/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/056509
Filing Date :12/11/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MARVELL WORLD TRADE LTD.
Address of Applicant :LHorizon Gunsite Road Brittons
Hill St. Michael Barbados BB 14027. Barbados
(72)**Name of Inventor :**
1)Pantas Sutardja

(57) Abstract :

A system includes a voltage sensing module and a frequency adjustment module. The voltage sensing module is configured to sense a supply voltage of a circuit block generate a first control signal when the supply voltage is less than or equal to a first voltage and generate a second control signal when the supply voltage is within a predetermined range of a second voltage. The frequency adjustment module is configured to set a frequency of a clock signal supplied to the circuit block to less than a normal operating frequency of the circuit block when the supply voltage is initially supplied to the circuit block after a power on reset operation and the first control signal or the second control signal is received.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3766/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : REMOTE SYSTEM FOR MONITORING THE PRESENCE OF WORKERS

(51) International classification :H04M3/42
(31) Priority Document No :P200902051
(32) Priority Date :28/10/2009
(33) Name of priority country :Spain
(86) International Application No :PCT/ES2010/000435
Filing Date :27/10/2010
(87) International Publication No :WO 2011/051513
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PEIXE SOFTWARE, SLNE
Address of Applicant :AVDA, GARCIA BARBON, N' 50-
ENTRESUELO, 36201, VIGO-PONTEVEDRA Spain
(72)**Name of Inventor :**
1)SOSPEDRA ROCA, FRANCISCO JAVIER

(57) Abstract :

Remote system for monitoring the presence of workers, which comprises a device in order to state at which time does each worker enter and exit the workplace, which consists on a land line telephone located in the place where the worker performs his / her work, through which he / she makes a telephone call to a telephone number included in a switchboard connected to a computer where an application records the calls made from different landline telephones, the telephone line of those included in the switchboard to which it has been made, as well as the time of the call, so that, on the basis of these data, it is able to determine to which worker does each call correspond, where is he / she performing his / her work and the time spent at his / her workplace. This computer is also an Internet server so that, through this network connection, each contractor can perform the timetable control of all the workers subscribed to this system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3767/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHOD FOR PRODUCING WELDED HELICAL-SEAM TUBES HAVING OPTIMIZED TUBE GEOMETRY

| | | |
|---|--------------------|---|
| (51) International classification | :B21C37/12 | (71)Name of Applicant : |
| (31) Priority Document No | :10 2009 051 695.6 | 1)SALZGITTER MANNESMANN GROSSROHR GMBH |
| (32) Priority Date | :28/10/2009 | Address of Applicant :GOTTFRIED-LINKE-STR. 200, |
| (33) Name of priority country | :Germany | 38239, SALZGITTER Germany |
| (86) International Application No | :PCT/DE2010/001029 | (72)Name of Inventor : |
| Filing Date | :26/08/2010 | 1)HOLSTE, CARSTEN |
| (87) International Publication No | :WO 2011/050764 A1 | 2)KNOOP, FRANZ MARTIN |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The invention relates to a method for producing welded helical seam tubes (10) having optimized tube geometry. A metal strip (1) is helically shaped into an open seam tube by means of a forming unit (11) and the converging strip edges are welded together, wherein an actual diameter determined in the welded tube is compared with a specific target diameter and any deviation lying outside a tolerance threshold is used to correct the actual tube diameter, wherein the strip edges are completely welded in a two stage step, comprising tack welding as a first step immediately after the shaping to form an open seam tube and thereafter final weldings as a second step. According to the invention, the tube diameter is measured after the complete shaping to form an open seam tube and before the final welding. For this purpose, the diameter measuring device (8) is arranged in such a way that either the completely shaped open seam tube or the only tack-welded tube is measured.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3536/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : HINGE UNIT AND PORTABLE TERMINAL

(51) International classification :H04M1/02
(31) Priority Document No :2009-242664
(32) Priority Date :21/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/068294
Filing Date :18/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)NEC Corporation

Address of Applicant :of 7-1 Shiba 5-chome Minato-ku
Tokyo 108-8001 Japan

(72)Name of Inventor :

1)SAKAI Takahiro

2)YAMANAKA Toshiki

(57) Abstract :

There are provided a hinge unit and portable terminal even when a display housing is inverted to respond to demands for thin and light weight structure and high design quality its display housing is always in a proper position. The display housing 1 has a display device 2 at its display housing front Ia. The display device 2 is made up of for example a liquid crystal display device and performs predetermined displaying. The shaft fitting section 3 is fitted in an end terminal region of one side of the display housing. A shaft 4 is inserted into the shaft fitting section 3 to support the display housing 1 in a manner to be freely inverted and fitted to the shaft fitting section 3 so that an axial center of the inverting axis forms a predetermined angle with a display surface of the display device 2.

No. of Pages : 31 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3537/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : VISCOUS LIQUID CLEANSING COMPOSITIONS COMPRISING SULFONATED FATTY ACIDS ESTERS OR SALTS THEREOF AND BETAINES OR SULTAINES

(51) International classification :C11D3/395

(31) Priority Document No :61/253,709

(32) Priority Date :21/10/2009

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

(86) International Application No :PCT/US2010/053166

Filing Date :19/10/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)STEPHAN COMPANY

Address of Applicant :22 West Frontage Road Northfield
Illinois-60093 U.S.A.

(72)Name of Inventor :

1)Dong Xue Min

2)SAJIC Branko

3)WHITLOCK Laura Lee

(57) Abstract :

Formulations of personal care compositions and personal care concentrate compositions containing salts of sulfonated fatty acid esters and/or salts of sulfonated fatty acids and an alkyl betaine or sultaine with viscosity at least 1000 cps are described. Personal care compositions of the present technology include liquid hand soaps bath and shower washes shampoos 2-in-1 or 3-in-1 shampoos antidandruff shampoo facial cleaners among others.

No. of Pages : 47 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3538/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : PULLEY ALIGNMENT SYSTEM

(51) International classification :G01B11/14

(31) Priority Document No :12/604,037

(32) Priority Date :22/10/2009

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

(86) International Application No :PCT/US2010/052455

Filing Date :13/10/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)DAYCO PRODUCTS LLC

Address of Applicant :4500 South Garnett Road Suite 500
Tulsa Oklahoma-74146-5239 U.S.A.

(72)Name of Inventor :

1)DIEFENDERFER Randall R

(57) Abstract :

A pulley alignment apparatus including an elongated body having a mounting surface two elongated legs extending outward from the mounting surface each of the legs terminating at a tip a laser supported by the body wherein the laser is configured to project a planar beam a power supply for supplying electrical power to the laser a normally-open switch configured to detect contact between the body and a pulley wherein the switch electrically couples the laser with the power supply when the contact is detected and a magnet supported by the body proximate the mounting surface.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3772/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : HALOALKYL-SUBSTITUTED AMIDES AS INSECTICIDES AND ACARICIDES

(51) International classification :C07C231/02
(31) Priority Document No :09174176.9
(32) Priority Date :27/10/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/006285
Filing Date :14/10/2010
(87) International Publication No :WO 2011/054436
A8
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)BAYER CROPSCIENCE AG

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(72)Name of Inventor :

1)HEIL, MARKUS

2)HEILMANN, EIKE, KEVIN

3)SUDAU, ALEXANDER

4)KAPFERER, TOBIAS

5)MUHLTHAU, FRIEDRICH, AUGUST

6)JESCHKE, PETER

7)VOERSTE, ARND

8)GORGENS, ULRICH

9)RAMING, KLAUS

10)EBBINGHAUS-KINTSCHER, ULRICH

11)DREWES, MARK

12)ADAMCZEWSKI, MARTIN

13)BECKER, ANGELA

(57) Abstract :

The present invention relates to halogen-substituted amide derivatives of the general formula (I) in which R1 to R6, Q1 to Q8, A, V, W, X, Y, n and m are each defined as described in the description - and to a process for preparation thereof and to the use thereof as insecticides and acaricides.

No. of Pages : 210 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3773/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : APPARATUS AND METHOD FOR COOLING AND LIQUEFYING A FLUID

| | |
|---|--------------------|
| (51) International classification | :F25J1/02 |
| (31) Priority Document No | :09174109.0 |
| (32) Priority Date | :27/10/2009 |
| (33) Name of priority country | :EPO |
| (86) International Application No | :PCT/EP2010/066065 |
| Filing Date | :25/10/2010 |
| (87) International Publication No | :WO 2011/051226 |
| | A2 |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)**Name of Applicant :**

**1)SHELL INTERNATIONALE RESEARCH
MAATSCHAPPIJ B.V.**

Address of Applicant :CAREL VAN BYLANDTLAAN 30,
NL-2596 HR THE HAGUE Netherlands

(72)**Name of Inventor :**

1)VINK, KORNELIS, JAN

2)ZOETEMEIJER, LEENDERT JOHANNES ARIE

(57) Abstract :

A fitting for coupling an end of a first insulated conductor to an end of a second insulated conductor is described. The fitting includes a sleeve placed over the end of the first insulated conductor and the end of the second insulated conductor and a core coupling located inside the sleeve. The core coupling fits around an end of a core of the first insulated conductor and an end of a core of the second insulated conductor. An interior volume of the sleeve is at least partially filled with electrically insulating material. The electrically insulating material is compressed with an end portion of an electrical insulator in the first insulated conductor and an end portion of an electrical insulator in the second insulated conductor when the fitting is coupled to the insulated conductors.

No. of Pages : 67 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3760/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHOD FOR CHARGING OR DISCHARGING A BATTERY IN ORDER TO DETERMINE THE END OF CHARGING OR DISCHARGING ON THE BASIS OF MEASUREMENTS OF CURRENT AND TEMPERATURE

| | | |
|--|--------------------|---|
| (51) International classification | :H02J7/00 | (71)Name of Applicant : |
| (31) Priority Document No | :09 05201 | 1)COMMISSARIAT A I ENERGIE ATOMIQUE ET |
| (32) Priority Date | :29/10/2009 | AUX ENERGIES ALTERNATIVES |
| (33) Name of priority country | :France | Address of Applicant :25 RUE LEBLANC, BATIMENT LE |
| (86) International Application No | :PCT/FR2010/000703 | PONANT D, F-75015 PARIS France |
| Filing Date | :26/10/2010 | (72)Name of Inventor : |
| (87) International Publication No | :WO 2011/051575 | 1)KLEIN, JEAN-MARIE |
| | A3 | 2)DELAILLE, ARNAUD |
| (61) Patent of Addition to Application | :NA | 3)GENIES, SYLVIE |
| Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The method for charging or discharging a battery (1) comprises measurement of the voltage (Ub) at the terminals of the battery and comparison of the measured voltage (Ub) with an end of charging or discharging voltage threshold. The method also comprises measurement of a temperature (Tt>) representative of the temperature of the battery and measurement of the current (Ib) flowing in the battery (1) to form a pair of measurements. The voltage threshold is then determined according to the pair of measurements. Charging or discharging of the battery is stopped when the voltage threshold is reached.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3761/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : HIGH IMPEDANCE ELECTRICAL CONNECTION VIA

(51) International classification :H01L23/66

(31) Priority Document No :12/607,027

(32) Priority Date :27/10/2009

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

(86) International Application No :PCT/US2010/042129

Filing Date :15/07/2010

(87) International Publication No :WO 2011/053396 A1

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

1)XILINX, INC.

Address of Applicant :2100 LOGIC DRIVE, SAN JOSE,
CA 95124 U.S.A.

(72)**Name of Inventor :**

1)WYLAND, CHRISTOPHER, P.

(57) Abstract :

Vias (106) are typically of a lower impedance than the signal lines (102, 128) connected to them. The noise and reflected signals resulting in impedance mismatch may require circuits to be operated at a frequency far lower than desired. An embodiment avoids impedance mismatch in circuits and achieves an advance in the art by providing a via (106) with higher impedance through the addition of split ring resonators (104, 112, 120, 126) to each end of the via (106).

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3762/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : ABSORBER TUBE AND METHOD FOR THE REVERSIBLE LOADING AND UNLOADING OF A GETTER MATERIAL

| | | |
|--|--------------------|---|
| (51) International classification | :F24J 2/05 | (71)Name of Applicant : |
| (31) Priority Document No | :10 2009 046 064.0 | 1)SCHOTT SOLAR AG |
| (32) Priority Date | :27/10/2009 | Address of Applicant :HATTENBERGSTRASSE 10, 55122 |
| (33) Name of priority country | :Germany | MAINZ Germany |
| (86) International Application No | :PCT/EP2010/066191 | (72)Name of Inventor : |
| Filing Date | :26/10/2010 | 1)KUCKELKORN, THOMAS |
| (87) International Publication No | :WO 2011/051298 | |
| | A2 | |
| (61) Patent of Addition to Application | | |
| Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The invention relates to an absorber tube, especially for solar collectors (10) in solar thermal power plants, with at least one collector mirror (12), said tube comprising a metal tube(22) for supplying and heating a heat transfer medium, a sheath tube (24) surrounding the metal tube(22), for forming an annular space (26) that can be evacuated , a wall extending through the sheath tube (24) and the metal tube for sealing the annular space (26) and a getter material (38) for binding free hydrogen in the annular space(26).The absorber tube (18) has a temperature variation device (42) for changing the temperature of the getter material (38) and the wall (32).

No. of Pages : 32 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3763/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : PRESS BOND TERMINAL

| | |
|---|--------------------|
| (51) International classification | :H01R4/18 |
| (31) Priority Document No | :2009-247868 |
| (32) Priority Date | :28/10/2009 |
| (33) Name of priority country | :Japan |
| (86) International Application No | :PCT/JP2010/068882 |
| Filing Date | :25/10/2010 |
| (87) International Publication No | :WO 2011/052549 |
| | A1 |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)Name of Applicant :

1)YAZAKI CORPORATION

Address of Applicant :4-28, MITA 1-CHOME, MINATO-KU, TOKYO Japan

(72)Name of Inventor :

1)ENDO, TATSUYA

(57) Abstract :

An object of the invention is to provide a press bond terminal capable of easily ensuring compatibility between electrical connection performance and mechanical connection performance in the case of connecting a terminal to an electric wire. In a press bond terminal (10) having a conductor press bond part (13) connected by being pressed and bonded to a distal end of a conductor (Wa) of an electric wire, the conductor press bond part (13) being formed in substantially a U-shaped cross section by a base plate (13A) and a pair of conductor crimp pieces (13B) which is extended upward from both right and left lateral edges of the base plate (13A) and is crimped so as to wrap the conductor (Wa) disposed on an inner surface of the base plate (13A), an inner surface of the base plate (13A) of the conductor press bond part (13) is provided with a projecting bar (22).

No. of Pages : 21 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3764/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : PROCESS AND APPARATUS FOR PURIFICATION OF AN EXHAUST GAS FROM AN INTERNAL COMBUSTION ENGINE

(51) International classification :F01N3/28
(31) Priority Document No :PA 2009 01167
(32) Priority Date :28/10/2009
(33) Name of priority country :Denmark
(86) International Application No :PCT/EP2010/006531
Filing Date :26/10/2010
(87) International Publication No :WO 2011/050940
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)HALDOR TOPSOE A/S
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LYNGBY Denmark
(72)Name of Inventor :
1)NORSK, JESPER
2)JOHANSEN, KELD
3)DALSKOV, NIELS POUL

(57) Abstract :

The invention provides a process for purification of an exhaust gas comprising nitrogen oxides, carbon monoxide, hydrocarbons and particulate matters from an internal combustion engine comprising the step of contacting the exhaust gas with one or more catalysts on one or more cross corrugated wire mesh sheets being arranged between two or more gas impermeable cross corrugated sheets. The exhaust gas is contacted with one or more catalysts being coated in different zones on the one or more cross corrugated wire mesh sheets. Particulate matters in the exhaust gas are retained in a zone of the gas impermeable sheets, where the zone is porous and optionally coated with an oxidation catalyst. The exhaust gas from the combustion engine can be heated by the purified exhaust gas. The invention further comprises an apparatus for the purification process of an exhaust gas from an internal combustion engine.

No. of Pages : 38 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3768/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : POLYOXYMETHYLENE LASER SINTERING POWDER, PROCESS FOR ITS PRODUCTION, AND MOLDINGS PRODUCED FROM THIS LASER SINTERING POWDER

(51) International classification :B29C67/00
(31) Priority Document No :09174163.7
(32) Priority Date :27/10/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/066107
Filing Date :26/10/2010
(87) International Publication No :WO 2011/051250
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)BASF SE

Address of Applicant :67056, LUDWIGSHAFEN Germany

(72)Name of Inventor :

1)DALLNER, CLAUS

2)FUNKHAUSER, STEFFAN

3)MULLER, FRANK

4)DEMETER, JURGEN

5)VOLKEL, MARK

(57) Abstract :

The invention relates to a polyoxymethylene (POM) powder for use in a selective laser sintering process and having the following parameters: Isothermal crystallization time (at 152°C) > 3 min Mn from 22 000 to 25 000 g/mol Mw from 60 000 to 140 000 g/mol Mw/Mn from 3 to 5 MVR from 15 to 70 [cm³/10 min] d50 average particle size 60 µm Particle size from 30 to 130 µm. A process for producing the powder, and also moldings produced from this powder by a selective laser sintering process, are also described.

No. of Pages : 16 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3769/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : APPARATUS AND METHOD FOR NON-INVASIVE MEASUREMENT OF A SUBSTANCE WITHIN A BODY

(51) International classification :A61B5/00
(31) Priority Document No :12/607,903
(32) Priority Date :28/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/050901
Filing Date :30/09/2010
(87) International Publication No :WO 2011/056328 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GLUCO VISTA INC
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FAIRFIELD, NEW JERSEY - 07004 U.S.A.
(72)**Name of Inventor :**
1)GERLITZ, YONATAN

(57) Abstract :

A method and apparatus for the noninvasive detection of a concentration of a substance in a body, such as glucose in the human bloodstream is disclosed. The apparatus measures substance concentration by detecting radiation in the far infrared range emitted by the body using an infrared detected in combination with a set of adequate filters. In order to achieve the accuracy required, the radiation values detected by the detector are corrected for the emissions of the system components. The temperature of each system component including the detector temperature and an ambient temperate is determined using temperature sensors attached to the various system components. These temperatures are correlated with a set of predetermined calibration parameters to correct the detector readings.

No. of Pages : 20 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3770/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : ASSEMBLY PLIERS WITH DETACHABLE COUNTER-RATCHET

| | | |
|---|--------------------|--|
| (51) International classification | :B25B7/12 | (71)Name of Applicant : |
| (31) Priority Document No | :10 2009 050 865.1 | 1)VULCAN LOKRING-ROHRVERBINDUNGEN GMBH & CO. KG |
| (32) Priority Date | :27/10/2009 | Address of Applicant :HEERSTRASSE 66, 44653, HERNE |
| (33) Name of priority country | :Germany | Germany |
| (86) International Application No | :PCT/EP2010/006456 | (72)Name of Inventor : |
| Filing Date | :22/10/2010 | 1)NEUMANN, RAINER |
| (87) International Publication No | :WO 2011/054450 | |
| | A1 | |
| (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 hand pliers for assembly purposes, more particularly for the assembly of pipe connections at pipe systems, said pliers comprised of two limbs which are rotatably connected to one another via a first link joint (1) and which by means of this link joint (1) are divided into an assembly limb and a handle limb (2,3), wherein the first handle limb (3) is divided into an off-handle lever (14) and into a handle-near lever (15) and wherein these two levers (14, 15) are rotatably connected to one another by means of a bolt (16) via a second link joint, wherein a tension wheel (17) and a ratchet wheel (18) with external toothing (27) connected torsionally proof to it are pivotably arranged on the bolt side by side (16) in axial direction, and wherein the tension wheel (17) engages into a tension means (20) that connects both handle limbs (2,3) to one another, and wherein a spring-loaded dog ratchet (25) is arranged at the handle-near lever (15), said dog ratchet engaging into the ratchet wheel (18) in such a manner that when the handle-near lever (15) makes a latching movement the ratchet wheel (18) and the tension wheel (17) execute a rotation that causes the closing of the pliers, with a spring-loaded arrest ratchet (30) being provided for which also engages in the ratchet wheel (18) and permits a rotation of the ratchet wheel (18) on closing the pliers, but which prevents its rotation in the opposite direction. It is the object of the present invention to provide a hand pliers whose arrest ratchet can be released even if subjected to great assembly forces. To solve this task the invention proposes a switch (33) by the actuation of which the direction of the spring loading of the arrest ratchet (30) is reversible in such a manner that the actuation of the switch (33) takes the effect that the engagement of the arrest ratchet (30) into the ratchet wheel (18) is abolished.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3691/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHOD OF PERFORMING HANDOVER IN A BROADBAND WIRELESS ACCESS SYSTEM

(51) International classification :H04W36/08
(31) Priority Document No :61/251,722
(32) Priority Date :14/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2010/007025
Filing Date :14/10/2010
(87) International Publication No :WO 2011/046371 A3
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)JUNG, IN UK
2)KIM, YONG HO
3)RYU, KI SEON

(57) Abstract :

A method for performing effective handover (HO) in a broadband wireless access system is disclosed. The method for controlling a mobile station (MS) to perform handover in a broadband wireless access system includes receiving a first message including at least one of first index information and second index information from a serving base station (SBS), wherein the first index information indicates a subframe to which an additional ranging opportunity for the mobile station (MS) is allocated from a target base station 104 (TBS) and the second index information indicates a frame to which the additional ranging opportunity is allocated, and transmitting a ranging code to the target base station (TBS) through the additional ranging opportunity indicated by the first index information and the second index information.

No. of Pages : 32 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3692/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITION COMPRISING INDOLE COMPOUND

(51) International classification :A61K31/404
(31) Priority Document No :10-2009-0101978
(32) Priority Date :26/10/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/007344
Filing Date :25/10/2010
(87) International Publication No :WO 2011/052950 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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2)KIM, HYOUNG JIN

3)PARK, HEUI SUL

4)GU, SEON YEONG

5)KWAK, HYO SHIN

6)PARK, DU HEE

7)KIM, HYO SOO

8)CHO, HYUN JAI

9)KIM, JI HYUN

10)KIM, JU YOUNG

11)PARK, KWANG MIN

(57) Abstract :

The present invention relates to a pharmaceutical composition comprising a compound of formula (1), (2) or (3) as defined in the specification for the prevention or treatment of diseases associated with oxidative stress, mitochondria dysfunction, hypoxic injury, necrosis and/or ischemic reperfusion injury, and a cosmetic composition comprising an indole compound having an antioxidant effect.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3693/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : ULTRASOUND TRANSDUCER FOR USING IN A FLUID MEDIUM

(51) International classification :G01F1/66
(31) Priority Document No :10 2009 046 147.7
(32) Priority Date :29/10/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/063279
Filing Date :10/09/2010
(87) International Publication No :WO 2011/051041
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MUELLER, ROLAND
2)HUEFTLE, GERHARD
3)HORSTBRINK, MICHAEL
4)LANG, TOBIAS
5)RADWAN, SAMI
6)KUENZL, BERND
7)WANJA, ROLAND

(57) Abstract :

The invention relates to an ultrasound transducer (110) for using in a fluid medium (116). The ultrasound transducer (110) comprises at least one housing (112) having at least one inner space (114), and at least one transducer core (118) received in the inner space (114) and comprising at least one electric-acoustic transducer element (126). The housing (112) comprises at least one opening (118) facing the fluid medium (116) and at least partially covered by at least one sealing film (142). An edge of the sealing film (142) is sealed by at least one sealing material (164)

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3799/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : PRESS BOND TERMINAL

(51) International classification :H01R4/18
(31) Priority Document No :2009-247863
(32) Priority Date :28/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/068881
Filing Date :25/10/2010
(87) International Publication No :WO 2011/052548
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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KU, TOKYO Japan
(72)**Name of Inventor :**
1)ENDO, TATSUYA

(57) Abstract :

An object of the invention is to provide a press bond terminal capable of easily ensuring compatibility between electrical connection performance and mechanical connection performance in the case of connecting a terminal to an electric wire by reducing a springback of a conductor crimp piece. In a press bond terminal (10) in which the front of a longitudinal direction of a terminal is provided with an electrical connection part (11) and the back of the electrical connection part is provided with a conductor press bond part (13) connected by being pressed and bonded to a conductor (Wa) of a distal end of an electric wire through a first joining part (12) and the back of the conductor press bond part is further provided with a coating crimp part (15) through a second joining part (14) and the conductor press bond part (13) is formed in substantially a U-shaped cross section by a base plate (13A) and a pair of conductor crimp pieces (13B, 13B) and both of the first joining part (12) and the second joining part (14) are formed in substantially U-shaped cross sections by base plates (12A, 14A) and a pair of low side plates (12B, 14B), any places ranging from inner surfaces of the conductor crimp pieces (13B) to inner surfaces of the side plates (12B, 14B) of the joining parts (12, 14) are provided with projections (22).

No. of Pages : 23 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3685/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : MIXER OF COMBUSTIBLE GAS AND COMBUSTION SUPPORTING GAS

(51) International classification :B01F3/02
(31) Priority Document No :2009-226847
(32) Priority Date :30/09/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/067302
Filing Date :27/09/2010
(87) International Publication No :WO 2011/040617
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)HATANO, RYO
2)SHIMADA, NAOKI
3)MIYATA, EISABURO

(57) Abstract :

A mixer (10) for mixing a combustible gas and a combustion supporting gas comprises a tubular mixing section (1) which extends between one end (1a) having a combustible gas supply port (2) and the other end (1b) having a mixed gas discharge port (3); and a combustion supporting gas supply tube (4) which is inserted into the tubular mixing section (1) between the one end (1a) and the other end (1b) of the tubular mixing section (1), is closed at its tip (4a), and has at least one combustion supporting gas supply port at its juxta-tip lateral part (4b). A central axis of the combustion supporting gas supply tube (4) at the juxta-tip lateral part (4b) is generally parallel to a longitudinal direction of the tubular mixing section (1).

No. of Pages : 34 No. of Claims : 8

(54) Title of the invention : VALVE STEM CONNECTION STRUCTURE OF PRESSURE REDUCING VALVE AND METHOD THEREFOR

| | | |
|---|--------------------|--|
| (51) International classification | :F16K17/04 | (71)Name of Applicant : |
| (31) Priority Document No | :2009-227905 | 1)KEIHIN CORPORATION |
| (32) Priority Date | :30/09/2009 | Address of Applicant :26-2, NISHISHINJUKU 1-CHOME, |
| (33) Name of priority country | :Japan | SHINJUKU-KU, TOKYO Japan |
| (86) International Application No | :PCT/JP2010/065607 | (72)Name of Inventor : |
| Filing Date | :10/09/2010 | 1)YAMAMOTO, HIROAKI |
| (87) International Publication No | :WO 2011/040209 | |
| | A1 | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

In a valve stem connection structure of a pressure reducing valve, an insertion recess portion (72) opened toward a valve mechanism is coaxially provided in a diaphragm rod (68); a reduced diameter stem portion (30a) and a pair of enlarged diameter stem portions (30b, 30c) provided respectively on opposite sides in an axial direction of the reduced diameter stem portion (30a) and each having a diameter larger than that of the reduced diameter stem portion (30a) are provided in one end portion of the valve stem (30); a holding plate (74) formed to have a substantially U-shaped cross section while having an engaging recess portion (73) open to one side is inserted into the insertion recess portion (72) while the reduced diameter stem portion (30a) is loosely inserted into the engaging recess portion (73); and an engaging ring (78) expandable and contractable in a radial direction of the valve stem (30) is engaged with an arc-shaped first engaging groove (76) provided in an outer periphery of the holding plate (74) and an annular second engaging groove (77) provided in an inner periphery of the insertion recess portion (72). Accordingly, it is possible to connect a valve stem to a diaphragm rod with a simple structure low in manufacturing cost while allowing inclination of a diaphragm with respect to a surface orthogonal to a valve stem direction and displacement of an axis of a diaphragm side and an axis of a valve body side.

No. of Pages : 57 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3688/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : MOBILE COMMUNICATION METHOD AND RADIO BASE STATION

(51) International classification :H04W56/00
(31) Priority Document No :2009-233915
(32) Priority Date :07/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/067426
Filing Date :05/10/2010
(87) International Publication No :WO 2011/043321
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NTT DOCOMO, INC.
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(72)**Name of Inventor :**
1)FUKUMOTO, SATORU
2)ISHII, HIROYUKI

(57) Abstract :

A mobile communication method according to the present invention includes a step of assigning one or a plurality of Zadoff-Chu sequences to each of cells #A to #G, a step of generating a plurality of RACH preambles by performing a cyclic shift with respect to the assigned Zadoff-Chu sequences by a predetermined period Ncs in each of the cells #A to #G, and a step of acquiring the reception timing distribution of the RACH preambles in the predetermined period Ncs in each of the cells #A to #G.

No. of Pages : 29 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.381/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : SOLAR-POWER SPRAYER FOR USE IN THE SPRAYING OF PESTICIDES/SEEDS IN AGRICULTURAL LANDS

| | | |
|---|-------|--|
| (51) International classification | :B05B | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)PASUPULA SUDEER BABU |
| (32) Priority Date | :NA | Address of Applicant :S/O . P. BALANNA, KOTHAPALLI |
| (33) Name of priority country | :NA | (VILLASE & MANDAL) ATMAKUR(TQ) KURNOOL (DT), |
| (86) International Application No | :NA | PIN - 518 422 Andhra Pradesh India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)PASUPULA SUDEER BABU |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A solar power sprayer for use in spraying of pesticides/ seeds in agricultural lands, comprising:- a) A Sprayer with a Water Proof Body. b) A Rechargeable Battery. c) Signaling System to Indicate the Power Position. d) Solar power panel for providing power supply to the battery and from there to the sprayer. e) Motor to take up the solar power to charge and recharge the battery.

No. of Pages : 7 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3698/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : FUNCTIONAL IMAGING

| | |
|---|--------------------|
| (51) International classification | :A61B6/00 |
| (31) Priority Document No | :61/261460 |
| (32) Priority Date | :16/11/2009 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No | :PCT/IB2010/054659 |
| Filing Date | :14/10/2010 |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

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(72)**Name of Inventor :**
1)BREDNO Joerg
2)WINTERMARK Max

(57) Abstract :

A method includes determining via a processor functional information about tissue of interest in image data for a functional image acquisition based on reference information generated based on non-tissue of interest.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3699/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : HAIR CUTTING DEVICE WITH PIVOTING MECHANISM

(51) International classification :B26B21/22

(31) Priority Document No :09175748.4

(32) Priority Date :12/11/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/055030

Filing Date :05/11/2010

(87) International Publication No : NA

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)ZUIDERVAART Jasper

3)PRAGT Johan

(57) Abstract :

Hair cutting device comprising a base portion a working head and at least one pivoting mechanism provided in between the base portion and the working head for a pivoting movement of the working head with respect to the base portion. The pivoting mechanism comprises a contact body having a contact surface wherein said contact body is connected to the base portion and a counter body having a running surface interacting with the roller surface wherein said counter body is fixedly connected to the working head. Further the pivoting mechanism comprises a holding unit for connecting the contact body to the counter body.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3801/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHOD FOR ALLOCATING RESOURCE FOR MULTICAST AND BROADCAST SERVICE DATA IN WIRELESS COMMUNICATION SYSTEM AND AN APPARATUS THEREFOR

(51) International classification :H04B7/26
(31) Priority Document No :61/286,778
(32) Priority Date :15/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2010/008664
Filing Date :06/12/2010
(87) International Publication No :WO 2011/074814 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)KIM, JEONG KI
2)CHO, HEE JEONG
3)KIM, YONG HO
4)YUK, YOUNG SOO

(57) Abstract :

A method for receiving multicast and broadcast service (MBS) data from a base station to a mobile station comprises receiving a sub-packet from the base station in accordance with a predetermined period, the sub-packet including information associated with initial network entry and network discovery included in a secondary-super frame header (S-SFH); and receiving a first MBS MAP from the base station, the first MBS MAP including an S-SFH sub-packet update indicator indicating whether a parameter included in the sub-packet has been changed, wherein the S-SFH sub-packet update indicator indicates whether the changed sub-packet has been transmitted within an MBS scheduling interval (MSI) for which the first MBS MAP is transmitted.

No. of Pages : 47 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3802/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHOD FOR MAPPING RANGING CHANNELS AND OPPORTUNITIES IN A BROADBAND WIRELESS ACCESS SYSTEM

(51) International classification :H04W48/16
(31) Priority Document No :61/253,822
(32) Priority Date :21/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2010/007233
Filing Date :21/10/2010
(87) International Publication No :WO 2011/049385 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RYU, KI SEON
3)KWAK, JIN SAM
4)PARK, GI WON
5)KIM, YONG HO
6)YUK, YOUNG SOO

(57) Abstract :

A method for efficiently updating system information of a base station at a relay station of a broadband wireless access system and an apparatus for performing the method are disclosed. The method for updating system information of an advanced base station (ABS) at an advanced relay station (ARS) of a broadband wireless access system comprises receiving a first message, which includes changed information of the system information of the base station, from the base station; transmitting a second message for acknowledgment of the first message to the base station; and performing application for the changed information.

No. of Pages : 43 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3804/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : MOBILE COMMUNICATION METHOD, MOBILITY MANAGEMENT NODE, AND PACKET EXCHANGER

(51) International classification :H04W24/04
(31) Priority Document No :2009-239881
(32) Priority Date :16/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/068208
Filing Date :15/10/2010
(87) International Publication No :WO 2011/046220
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)SUZUKI, KEISUKE
3)NARAHARA, SHIN

(57) Abstract :

A mobile communication method according to the present invention includes a step A of releasing, by a gateway device S-GW, a first GBR bearer for a mobile station UE and transmitting Downlink Data Notification to a packet exchanger SGSN if a fault of a radio network controller RNC is detected in the state in which a second GBR bearer for the mobile station UE is set, a step B of transmitting, by the packet exchanger SGSN, Paging to the mobile station UE, and a step C of starting, by the packet exchanger SGSN, a procedure for releasing the second GBR bearer when no response to the Paging is received from the mobile station UE in a predetermined period.

No. of Pages : 49 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3268/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : PLANTS HAVING ENHANCED YIELD-RELATED TRAITS AND A METHOD FOR MAKING THE SAME•

(51) International classification :C12N15/82
(31) Priority Document No :09171385.9
(32) Priority Date :25/09/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/064095
Filing Date :24/09/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CHOI Doil
3)REUZEAU Christophe
4)SONG Ji-Young
5)PARK Youn-II

(57) Abstract :

The present invention relates generally to the field of molecular biology and concerns a method for enhancing yield-related traits in plants by modulating expression in a plant of a nucleic acid encoding an SGT1 polypeptide or a CLC-pKG polypeptide or a HD-hydrolase-like polypeptide. The present invention also concerns plants having modulated expression of a nucleic acid encoding an SGT1 polypeptide or a CLC-pKG polypeptide or a HD- hydrolase-like polypeptide which plants have enhanced yield-related traits relative to corresponding wild type plants or other control plants. The invention also provides constructs useful in the methods of the invention.

No. of Pages : 134 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION

(21) Application No.337/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : TRAVEL MANAGEMENT

| | | |
|---|-------|---|
| (51) International classification | :G06F | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)ACCENTURE GLOBAL SERVICES LIMITED |
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| (33) Name of priority country | :NA | GRAND CANAL STREET, UPPER, DUBLIN 4 Ireland |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)SAURABH BHADKARIA |
| (87) International Publication No | : NA | 2)GURDEEP SINGH VIRDI |
| (61) Patent of Addition to Application Number | :NA | 3)SANJOY PAUL |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A travel management system may include a client module to generate a request to update and/or search for data related to a trip. A database module may receive the request and communicate with a database. The database may include data organized in a trip data store table including unique keys respectively identifying trips. The database may further include index tables related to attributes of the trips and identified by the unique keys. The database module may obtain data related to the request from an index table corresponding to a unique key and forward a response to the client module.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3601/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : ACTIVE AGENT LOADED UNIFORM RIGID SPHERICAL NANOPOROUS CALCIUM PHOSPHATE PARTICLES AND METHODS OF MAKING AND USING THE SAME•

(51) International classification :A61K9/14
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2009/058108
Filing Date :23/09/2009
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)OGAWA Tetsuro
2)YAMAMOTO Akira

(57) Abstract :

Uniform rigid spherical nanoporous calcium phosphate particles that define an internal space and an amount of active agent present in the internal space are provided. Also provided are topical delivery compositions that include the active agent loaded particles as well as methods of making the particles and topical compositions. The particles and compositions thereof find use in a variety of different applications including active agent delivery applications.

No. of Pages : 54 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3602/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : HEMODIALYSIS APPARATUS METHOD OF OPERATING HEMODIALYSIS APPARATUS AND WATER CONTENT REMOVAL SYSTEM•

| | | | |
|---|--------------------|---|--|
| (51) International classification | :A61M1/14 | (71)Name of Applicant : | |
| (31) Priority Document No | :2009-244590 | 1)ASAHI KASEI MEDICAL CO. LTD. | |
| (32) Priority Date | :23/10/2009 | Address of Applicant :1-105 Kanda Jinbocho Chiyoda-ku | |
| (33) Name of priority country | :Japan | Tokyo 1018101 Japan | |
| (86) International Application No | :PCT/JP2010/068682 | (72)Name of Inventor : | |
| Filing Date | :22/10/2010 | 1)WADA Tomoyuki | |
| (87) International Publication No | : NA | 2)NAKANO Koichi | |
| (61) Patent of Addition to Application Number | :NA | 3)SHIMOIDE Koji | |
| Filing Date | :NA | 4)KUROKAWA Hiroshi | |
| (62) Divisional to Application Number | :NA | 5)TAKESAWA Shingo | |
| Filing Date | :NA | | |

(57) Abstract :

[Object] An amount of content water removal from blood can be controlled with high precision based on easier control and mechanism. [Solution] A hemodialysis apparatus 1 includes a dialyzer 10, a quantitative vessel 13 including a displaceable partition wall 52 which partitions the inside of the quantitative vessel 13 into a first chamber 50 and a second chamber 51, a storage vessel 14 which stores a dialysate, a dialysate exchange circuit 15 which supplies the dialysate to the first chamber 50, and discharges a waste dialysate in the second chamber 51 to the outside by the consequent displacement of the partition wall 52 to the second chamber 51 side, a dialysate supply circuit 16 which supplies the dialysate in the first chamber 50 to the dialyzer 10, and discharges the waste dialysate from the dialyzer 10 to the second chamber 51 by the displacement of the partition wall 52 to the first chamber 50 side, and a dialysate storage circuit 17 which supplies the dialysate in the first chamber 50 to the storage vessel 14 by the displacement of the partition wall 52 to the first chamber 50 side.

No. of Pages : 48 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3821/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : SOLID-STATE IMAGE PICKUP DEVICE AND METHOD FOR MANUFACTURING THE SAME

(51) International classification :H01L27/146
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2009/067600
Filing Date :09/10/2009
(87) International Publication No :WO 2011/042981
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KOBAYASHI, MASAHIRO
3)ONUKI, YUSUKE

(57) Abstract :

An object is to increase charge transfer efficiency from a charge holding portion to an FD regardless of an impurity concentration of the charge holding portion in a solid-state image pickup device in which each of pixels has a charge holding portion. A solid-state image pickup device according to the present invention includes a photoelectric conversion portion, a charge holding portion configured to include a first-conductivity-type first semiconductor region, and a transfer portion configured to include a transfer gate electrode that controls a potential between the charge holding portion and a sense node. The charge holding portion includes a control electrode. A second-conductivity-type second semiconductor region is disposed on a surface of a semiconductor region between the control electrode and the transfer gate electrode, the second semiconductor region having an impurity concentration higher than an impurity concentration of the first semiconductor region. A first-conductivity-type third semiconductor region is disposed below the second semiconductor region. An impurity concentration of the third semiconductor region is higher than the impurity concentration of the first semiconductor region.

No. of Pages : 41 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3587/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : BASE STATION APPARATUS BASE STATION APPARATUS-USE SIGNAL PROCESSING APPARATUS PHY PROCESSING APPARATUS AND MAC PROCESSING APPARATUS

(51) International classification :H04L29/10
(31) Priority Document No :2009-233873
(32) Priority Date :07/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/067543
Filing Date :06/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)YAMAMOTO Takashi

(57) Abstract :

To prevent an occurrence of mismatch in processing timing between a PHY layer and a MAC layer that may occur when a synchronization process for inter-base-station synchronization is performed by a PHY processing apparatus. A base station apparatus 1 includes a PHY processing apparatus 5 that performs a communication process related to the PHY layer, and a MAC processing apparatus 6 that performs a communication process related to the MAC layer. The PHY processing apparatus 5 includes a synchronization processing unit 6b that performs a synchronization process for synchronizing a communication frame processing timing of the PHY processing apparatus 5 with a communication frame processing timing of other base station apparatus serving as the synchronization source. The MAC processing apparatus 6 acquires, from the PHY processing apparatus 5, synchronization information for synchronizing a communication frame processing timing of the MAC processing apparatus 6 with the communication frame processing timing of the PHY processing apparatus 5.

No. of Pages : 81 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3588/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : BASE STATION DEVICE

(51) International classification :H04W56/00
(31) Priority Document No :2009-231756
(32) Priority Date :05/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/067457
Filing Date :05/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

A base station device of the present invention includes a downlink signal reception unit 12 that receives a downlink signal from another base station device and a synchronization processing unit 5b that obtains a known signal contained in the downlink signal from the another base station device and that performs inter-base-station synchronization with the another base station device based on the known signal. The synchronization processing unit 5b performs inter-base-station synchronization such that the transmission timing of the known signal in its own downlink signal is different from the transmission timing of the known signal in the downlink signal of the another base station device.

No. of Pages : 170 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3817/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : WIRE END PROCESSING METHOD

(51) International classification :H01R43/02
(31) Priority Document No :2010-008045
(32) Priority Date :18/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/051158
Filing Date :18/01/2011
(87) International Publication No :WO 2011/087157
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TAKAYAMA, TSUTOMU

(57) Abstract :

A wire end processing method includes tree steps, in a core wire portion exposing step, a sheath of a wire is stripped so as to expose a core wire portion composed of a plurality of element wires. In a core wire portion unifying step, ultrasonic vibration is applied to the exposed core wire portion while applying a pressure thereto, thereby causing the plurality of the element wires to rub against one another so as to unify the core wire portion. In a terminal connecting step, the unified core wire portion is press-contacted or press-fitted to the terminal.

No. of Pages : 23 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3819/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : TORSION BEAM OF TWIST AXLE

(51) International classification :B60G21/05
(31) Priority Document No :61/256,424
(32) Priority Date :30/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2010/001747
Filing Date :01/11/2010
(87) International Publication No :WO 2011/050483 A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BYRNE II, JAMES R.
3)ZAK, ALEXANDER
4)KOTAGIRI, SEETARAMA, S.
5)YARDI, NIKHIL MADAN

(57) Abstract :

In one aspect, the invention is directed to a twist beam axle for a vehicle. The twist beam axle includes a twist beam and a reinforcement member. The twist beam has a longitudinal axis and has a generally concave cross-sectional shape. The reinforcement member extends longitudinally and is connected to the twist beam to form a longitudinally extending tubular form therewith. The twist beam has first and second side walls. At least one of the side walls extends outside of the of the tubular form. The tubular form has cross-sectional dimensions that are selected based on the vehicle on which the twist beam axle is to be used.

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3820/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : WIRELESS COMMUNICATION SYSTEM, COMMUNICATION APPARATUS, WIRELESS COMMUNICATION METHOD AND TERMINAL APPARATUS

(51) International classification :H04W24/10
(31) Priority Document No :2009-230623
(32) Priority Date :02/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/066085
Filing Date :16/09/2010
(87) International Publication No :WO 2011/040258
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SHIMEZAWA, KAZUYUKI
2)NOGAMI, TOSHIZO

(57) Abstract :

To efficiently perform adaptive control even in the case of many transmission/reception antennas, a base station 200 is provided with a reference signal for channel state measurement generation part 209 that generates a reference signal for channel state measurement for a mobile terminal 300 to measure a channel state, and transmission antenna parts 208-1, 208-2 that transmit reference signal for channel state measurements to the mobile terminal 300 with each transmission antenna port, and the mobile terminal 300 is provided with reception antenna parts 301-1, 301-2 that receive the reference signal for channel state measurements transmitted from the base station 200 in reception antenna ports, and a feedback information generation part 310 which measures a channel state between the transmission antenna port and the reception antenna port based on the received reference signal for channel state measurement to calculate a channel state estimation value, performs grouping on a plurality of channel state estimation values, and generates feedback information for the base station 200 .

No. of Pages : 87 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3822/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : PLANAR ILLUMINATION DEVICE AND DISPLAY DEVICE PROVIDED WITH SAME

(51) International classification :F21S2/00
(31) Priority Document No :2009-296611
(32) Priority Date :28/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/067244
Filing Date :01/10/2010
(87) International Publication No :WO 2011/080955
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)YAMAMOTO, TOMOHIKO

(57) Abstract :

An object is to implement a narrowed picture-frame while suppressing the occurrence of light leakage and a reduction in luminance in an edge-light type backlight device. A backlight device is composed of LEDs (40) ; a side chassis (51) supporting a board having the LEDs (40) mounted thereon; a light guide plate (20) for allowing light emitted from the LEDs (40) to exit toward a liquid crystal panel in a planar manner; a reflection sheet (30) for allowing light traveling toward a back surface side within the light guide plate (20) to be reflected thereby; optical sheets (10) including a reflection type polarizer (11), a prism sheet (12) , and a diffuser (13) ; and a top chassis (52) disposed on top of the optical sheets (10). Black printing (60) is provided in a part of the region of the diffuser (13). A length of the reflection type polarizer (11) is longer than a length of the light guide plate (20) such that an edge of the reflection type polarizer (11) is located closer to a side of the LEDs (40) than is an edge surface of the light guide plate (20) .

No. of Pages : 45 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3823/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : STORING CONTAINER

(51) International classification :A61J1/03
(31) Priority Document No :2009-230225
(32) Priority Date :02/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/005787
Filing Date :27/09/2010
(87) International Publication No :WO 2011/039986
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ICHIKAWA, TORU
2)ABE, KOKI

(57) Abstract :

A bottom 8 of a container 1 is elastically deformable between a downwardly convex state and an upwardly convex state. The bottom 8 has strength enough not to be deformed from the upwardly convex state to the downwardly convex state by a weight of granular materials filled in the container 1 and vibrations acting on the granular materials.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3824/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : LIGHT IRRADIATING DEVICE

(51) International classification :F21V19/00
(31) Priority Document No :2009-232777
(32) Priority Date :06/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/065920
Filing Date :15/09/2010
(87) International Publication No :WO 2011/043166
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)YONEDA, KENJI

(57) Abstract :

In order to enable heat from luminous objects to be effectively radiated, and assembly to be simplified to facilitate downsizing and the like, a linear light irradiating device 100 is configured such that a luminous object mounting board 2 is contained in a bottom-equipped groove-like containing space 1b in a body 1 in a bending state of being elastically deformed, and also on the basis of elastic restoring force of the board 2, a back surface of a luminous object mounting region in the board 2 or vicinity of the back surface is pressed against and brought into close contact with a fore end surface 6a of an intervening object 6 that has thermal conductivity and is made to protrude from an inner circumferential surface 1d of the containing space 1b.

No. of Pages : 52 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3825/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : COUPLING MEMBER WITH INTERRUPTED THREAD AND METHOD OF MANUFACTURE

(51) International classification :F16L15/06
(31) Priority Document No :61/257,075
(32) Priority Date :02/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/054959
Filing Date :01/11/2010
(87) International Publication No :WO 2011/066062 A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**

1)O'CONNOR, TIMOTHY, JAMES

(57) Abstract :

Coupling assembly for use in conduits or tubing holding a pressurized liquid, such as a garden hose. The structure provided facilitates uncoupling of male and female fittings in such an assembly which substantially reduces the uncontrolled release of pressure in the system such that the pressurized liquid will not flow uncontrollably from the assembly during decoupling. Methods are provided for making and using such components that result in one or more of an ease of manufacture, reduced material costs, reduced machining costs, and/or ease of use.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3826/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : CARRIER RECOVERY CIRCUIT AND DEMODULATION CIRCUIT UNDER QUASI-COHERENT DETECTION METHOD

(51) International classification :H04L27/38
(31) Priority Document No :2009-254164
(32) Priority Date :05/11/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/069692
Filing Date :05/11/2010
(87) International Publication No :WO 2011/055783
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)SASAKI, EISAKU
2)SATO, HIROTAKA

(57) Abstract :

A carrier recovery circuit, adapted to a demodulation circuit according to a quasi-coherent detection method for generating baseband signals by way of quadrature detection on a received signal having an intermediate frequency, rotates phases of baseband signals; detects a phase error and an amplitude error; controls a bandwidth of a loop filter based on its difference, eliminates a high-frequency component from the phase error; and carries out phase rotation based on the phase error eliminating its high-frequency component. It expands the bandwidth of the loop filter when a difference between the phase error and the amplitude error is greater than a predetermined threshold, whilst it reduces the bandwidth of the loop filter upon determining that the amplitude error decreases due to a reduction of the bandwidth of the loop filter. Thus, it is possible to optimize the bandwidth of the loop filter to follow variations of the C/N ratio of the received signal, thus improving bit error rate (BER) characteristics.

No. of Pages : 57 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3829/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : LAMINATING ADHESIVE HAVING SILANE CROSS-LINKING

(51) International classification :C09J201/10
(31) Priority Document No :102009046190.6
(32) Priority Date :30/10/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/063960
Filing Date :22/09/2010
(87) International Publication No :WO 2011/051056
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ZANDER, LARS
2)GENTSCHEV, PAVEL
3)KINZELMANN, HANS-GEORG
4)STRUMPF, SVENJA
5)DITGES, NICOLE
6)KLEIN, JOHANN

(57) Abstract :

The invention relates to a one-component, moisture-curing adhesive containing at least one polyoxyalkylene and/or poly(methyl)acrylate prepolymer having at least one hydrolyzable silane group, at least one filler, and auxiliary materials and additives, wherein the prepolymer has a molecular weight of 4,000 to 40,000 g/mol and the adhesive has a viscosity of 200 to 10,000 mPas.

No. of Pages : 25 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3831/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : ELECTRIC POWER STEERING CONTROL DEVICE

(51) International classification :B62D6/00
(31) Priority Document No :2009-250874
(32) Priority Date :30/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/068574
Filing Date :21/10/2010
(87) International Publication No :WO 2011/052470
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)KEZOBO, ISAO
2)KURISHIGE, MASAHIKO
3)ENDO, MASAYA
4)KIFUKU, TAKAYUKI

(57) Abstract :

An electric power steering control device includes: an assist map (11) for outputting an assist torque current based on a steering torque; a vibration extracting filter (21) for performing filter processing on the steering torque or a rotation speed of a motor for generating an assist torque to reduce a gain on a low frequency side so as to output a vibration-component signal; a current variable gain map (32) for detecting a current flowing through the motor as a first state quantity so as to calculate a current variable gain based on the current; a rotation-speed variable gain map (31) for detecting the rotation speed of the motor or a rotation speed of the steering wheel as a second state quantity so as to calculate a rotation-speed variable gain based on the rotation speed; correction means (41) for calculating a vibration suppression current based on the vibration-component signal, the current variable gain, and the rotation-speed variable gain; and current control means (3) for calculating a signal obtained by correcting the assist torque current with the vibration suppression current as a target current so as to control the current flowing through the motor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3832/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITION CONTAINING MEDICAMENT-CONTAINING FINE PARTICLES AND METHOD FOR PRODUCING SAME

(51) International classification :A61K9/14
(31) Priority Document No :2009-231001
(32) Priority Date :02/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/067241
Filing Date :01/10/2010
(87) International Publication No :WO 2011/040597
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)ROBERTS, CLIVE J.
7)DAVIES, MARTYN C.
8)STOLNIK-TRENNIC, SNJEZANA
9)ILLUM, LISBETH

(57) Abstract :

It is an object of the present invention to provide a pharmaceutical composition that can be used for an efficient administration of a water-soluble polymer drug by a method other than injection, and a method for production of the pharmaceutical composition. The above-mentioned object is achieved by a pharmaceutical composition comprising a small particle comprised of (a) a water-soluble drug and (b) a pharmaceutically acceptable ionic crystalline compound which is solid at room temperature, wherein the ionic crystalline compound is crystallized in the small particle.

No. of Pages : 68 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3833/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHOD AND APPARATUS FOR GROUND DISTANCE PROTECTION

(51) International classification :H02H7/26
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2009/075004
Filing Date :18/11/2009
(87) International Publication No :WO 2011/060578 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SU, BIN
2)LI, YOUYI
3)YANG, YING

(57) Abstract :

The invention relates to a ground distance protection method, which comprises: measure local source impedance based on fault component at both ends (M, N) of the transmission line in the case of a ground distance fault has occurred. Send the measured local source impedance from a first end to a second end. Adjust a protection criterion at the second end based on the measured impedance. And, judge the ground fault as an internal fault or an external fault according to the adjusted protection criterion. The invention also relates to a controller, a piece of software and an apparatus for implementing the same function.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3834/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : AIR POLLUTION CONTROL SYSTEM AND AIR POLLUTION CONTROL METHOD

(51) International classification :B01D53/50

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/JP2010/052956

Filing Date :25/02/2010

(87) International Publication No :WO 2011/104841

A1

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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1)UKAI, NOBUYUKI

2)MURAKAMI, MORITOSHI

3)OKINO, SUSUMU

4)NAGAYASU, TATSUTO

5)KAGAWA, SEIJI

(57) Abstract :

An air pollution control system 10A includes a boiler 11 that burns fuel, an air heater 13 that recovers heat of flue gas 17 from the boiler 11, and a desulfurizer 15 that reduces sulfur oxides contained in the flue gas 17 after heat recovery by an absorbent, and waste-water supplying units PO to P5 that supply desulfurized waste water 28 discharged from the desulfurizer 15 to at least one of a path for supplying fuel to the boiler 11, inside of a furnace of the boiler 11, and the inside of a flue gas duct between the boiler 11 and the air heater 13 are installed. With this configuration, an amount of desulfurized waste water to be returned into the flue gas duct per unit time can be increased as compared to conventional systems, without increasing the size of the entire air pollution control system.

No. of Pages : 42 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3827/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : ASSEMBLY FOR GENERATING ENERGY FROM SEA CURRENTS

(51) International classification :F03B13/10

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2009/062881

Filing Date :05/10/2009

(87) International Publication No :WO 2011/042039

A1

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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HOOFFDORP Netherlands

(72)Name of Inventor :

1)GANZINGA, WILLEM, SIEVERT

2)KAMP, ROBERT

3)SIJTSTRA, ANNE, LOURENS

(57) Abstract :

An assembly for generating energy from sea currents is described, comprising a main floating body to be oriented across the direction of the sea current, rotor means depending from said main floating body, at least one stabilising member extending substantially sideways from the main floating body and mooring lines for anchoring the assembly. Each stabilising member is attached to the main floating body at a position substantially corresponding with the position of attachment of a mooring line. Further an assembly for generating energy from sea currents is described, comprising a main floating body to be oriented in parallel to the direction of the sea current, at least two outrigger means extending substantially sideways in opposite directions from the main floating body, rotor means depending from said outrigger means and mooring lines for anchoring the assembly. Said mooring lines are attached to the main floating body at or near the opposite frontal ends thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3828/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : CONNECTOR CLIP

(51) International classification :E04B9/12
(31) Priority Document No :12/631,892
(32) Priority Date :07/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/058266
Filing Date :30/11/2010
(87) International Publication No :WO 2011/071714 A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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CHICAGO, ILLINOIS-60661-3676 U.S.A.
(72)**Name of Inventor :**
1)LEHANE, JAMES, J., JR.

(57) Abstract :

An end clip for joining runners of suspended ceilings by coupling with an identical clip, the clip being stamped from sheet metal stock with lead and trailing ends, a lateral projection and a projection receiving area behind the lead end, the clip being arranged such that when an identical clip oriented in the opposite direction of the clip and caused to laterally overlap the clip the projection of the clip is locked in the receiving area of the identical clip and, vice versa, at least one of the projection and projection receiving area having a rearward facing sheared edge forming an acute angle with the clip plane resulting from being sheared with tooling having a clearance between tooling substantially greater than 10% of the thickness of the sheet from which the clip is stamped.

No. of Pages : 12 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.721/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : BOBBIN ISOLATING DEVICE AND AUTOMATIC WINDER

| | | |
|---|--------------|--|
| (51) International classification | :B65H | (71) Name of Applicant : |
| (31) Priority Document No | :2011-048100 | 1)MURATA MACHINERY, LTD. |
| (32) Priority Date | :04/03/2011 | Address of Applicant :3 MINAMI OCHIAI-CHO, |
| (33) Name of priority country | :Japan | KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326 |
| (86) International Application No | :NA | Japan |
| Filing Date | :NA | (72) Name of Inventor : |
| (87) International Publication No | : NA | 1)KEI INOUE |
| (61) Patent of Addition to Application Number | :NA | 2)HIRONOBU SHIMO |
| Filing Date | :NA | 3)KEINI HASUI |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A bobbin isolating device (12) includes a bobbin introduction section (22) that receives a plurality of bobbins (9) and a bobbin picking section (23) that picks up the bobbins (9) from a pile of the bobbins introduced into the bobbin introduction section (22). The bobbin picking section (23) includes a plurality of bobbin plates (26), an endless loop belt (25), and a bobbin isolating member (41). The bobbin plates (26) can carry the bobbins. The endless loop belt (25) drives the bobbin plates (26) in a perpendicular direction relative to an installation surface of the bobbin introduction section (22). The bobbin isolating member (41) is arranged along an area over which the bobbin plates (26) with the bobbins (9) riding thereon are driven and the bobbin riding on each bobbin plate is isolated.

No. of Pages : 55 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.308/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :25/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : A REFRIGERANT RECOVERY AND RECHARGE DEVICE

| | | |
|---|-------|--|
| (51) International classification | :B62J | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)ROBERT BOSCH ENGINEERING AND BUSINESS |
| (32) Priority Date | :NA | SOLUTIONS LIMITED |
| (33) Name of priority country | :NA | Address of Applicant :123, INDUSTRIAL LAYOUT, |
| (86) International Application No | :NA | HOSUR ROAD, KORMANGALA, BANGALORE - 560 095 |
| Filing Date | :NA | Karnataka India |
| (87) International Publication No | : NA | 2)ROBERT BOSCH GMBH |
| (61) Patent of Addition to Application Number | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)RAJESH KASHYAP |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A Refrigerant recovery and recharge device is disclosed. The device comprises a refrigerant storage tank and pluralities of containers. The device is characterized by a bracket comprising a horizontal component and a vertical component adapted to locate the refrigerant storage tank and the pluralities of containers respectively and a single load cell. The bracket is adapted to be mounted on the single load cell.

No. of Pages : 10 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3676/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHOD FOR PREPARING AN ACELLULAR ORGANIC TISSUE OF HUMAN OR ANIMAL ORIGIN FOR REVITALIZATION

(51) International classification :A61L27/36
(31) Priority Document No :VI2009A000263
(32) Priority Date :29/10/2009
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2010/002767
Filing Date :29/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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SANDRIGO (Vicenza) Italy.
(72)**Name of Inventor :**
1)MARZARO Maurizio

(57) Abstract :

The invention concerns a method for the preparation of an acellular organic tissue of human or animal origin for revitalization in particular for the introduction of living cells comprising a stage in which the acellular organic tissue (2; 12) is provided with a plurality of holes (4; 14) made through its surface (8; 18) and extending towards the inside of the tissue (2; 12) wherein the plurality of holes (4; 14) is made by means of one or more needles. The holes (4; 14) intersect partially thus forming holes (4; 14) partially communicating with each other.

No. of Pages : 16 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3758/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHOD FOR RANGE EXTENSION IN WIRELESS COMMUNICATION SYSTEMS

(51) International classification :H04W56/00
(31) Priority Document No :61/280,071
(32) Priority Date :29/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/054001
Filing Date :26/10/2010
(87) International Publication No :WO 2011/059689 A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)CHENG, FANG-CHEN

2)LEE, JUNG AH

(57) Abstract :

The present invention provides a method for range extension in wireless communication systems. One embodiment of the method includes determining whether a mobile unit is within a first range corresponding to a range of timing advances supported by a timing advance command. This embodiment also includes transmitting a plurality of timing advance commands to the mobile unit when the mobile unit is outside the first range so that the mobile unit can synchronize with the base station by combining information in the plurality of timing advance commands.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3759/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHOD FOR SEPARATING SUBSTANCE MIXTURES BY MEANS OF MULTIPHASE POLYMER FILMS

| | | |
|--|--------------------|---|
| (51) International classification | :C08L83/02 | (71)Name of Applicant : |
| (31) Priority Document No | :09171969.0 | 1)BASF SE |
| (32) Priority Date | :01/10/2009 | Address of Applicant :67056, LUDWIGSHAFEN Germany |
| (33) Name of priority country | :EPO | (72)Name of Inventor : |
| (86) International Application No | :PCT/EP2010/064254 | 1)LANGE, ARNO |
| Filing Date | :27/09/2010 | 2)HAHNLE, HANS-JOACHIM |
| (87) International Publication No | :WO 2011/039139 | 3)SPANGE, STEFAN |
| | A1 | 4)STAUDT, CLAUDIA |
| (61) Patent of Addition to Application | :NA | 5)BISKUPSKI, MICHAEL |
| Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention relates to a process for separating substance mixtures by means of a nonporous polymer film which has (a) at least one inorganic or organometallic phase and (b) at least one organic polymer phase, wherein the polymer film is obtainable by polymerizing at least one monomer which has at least one first polymerizable monomer segment A1 comprising at least one metal or semimetal M and at least one second polymerizable organic monomer segment A2 which is connected to the polymerizable monomer segment A1 via a covalent chemical bond, under polymerization conditions under which both the polymerizable monomer segment A1 and the polymerizable organic monomer segment A2 polymerize with breakage of the covalent chemical bond between A1 and A2. The present invention also relates to the use of the aforementioned polymer films for permeation, gas separation or pervaporation.

No. of Pages : 34 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.376/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : ELECTRICAL MACHINE

(51) International classification

:G03G

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

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2)NAIR Sreeju Sreedharan

3)NALAKATH Shamsuddeen

(57) Abstract :

An electrical machine (100) is described. The electrical machine (100) includes a casing (102) and a core (104) housed in the casing (102). The casing (102) includes a cylindrical drum (106) having a plurality of drum magnetic elements (120) provided thereon and a first cover (108) and a second cover (110) mounted on either side of the cylindrical drum (106) in an axial direction. A plurality of cover magnetic elements (122 124) is provided on each of the first cover (108) and the second cover (110). The core (104) includes an inner member (128) and an outer member (130) connected to and operationally isolated from the inner member (128). The inner member (128) has a plurality of sectorial magnetic elements (132) facing the cover magnetic elements (122 124). The outer member (130) has a plurality of radial magnetic elements (134) facing the drum magnetic elements (120).

No. of Pages : 26 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3810/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : APPARATUS AND METHOD FOR PROVIDING RELAY BACKHAUL COMMUNICATIONS IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04W72/04
(31) Priority Document No :61/256,899
(32) Priority Date :30/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/054884
Filing Date :30/10/2010
(87) International Publication No :WO 2011/053883 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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Address of Applicant :INTERNATIONAL IP
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3)JUAN MONTOJO

4)WANSI CHEN

5)ALEXEI YURIEVITCH GOROKHOV

6)TINGFANG JI

7)RAVI PALANKI

(57) Abstract :

An apparatus and method for designing a relay backhaul channel in a wireless communication system are provided. At least one relay node utilized for communication with respective user devices and at least one relay backhaul channel for conducting in-band half-duplex communication with the at least one relay node are identified. The relay backhaul channel may be an FDM channel, a TDM/FDM channel, or a joint R-PDCCH/R-PDSCH channel. The relay channel is used for communicating with the at least one relay node. The supportable ranks of the R-PDSCH channel may depend on the number of resources reserved for demodulation reference signals in the R-PDCCH region.

No. of Pages : 49 No. of Claims : 63

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3814/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : THERMALLY EFFICIENT DIELECTRIC RESONATOR SUPPORT

(51) International classification :H01P1/208

(31) Priority Document No :12/609,919

(32) Priority Date :30/10/2009

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

(86) International Application No :PCT/US2010/053660

Filing Date :22/10/2010

(87) International Publication No :WO 2011/053515 A1

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)REDDY, RAJA, K.

2)CHONG, YI-SHING

(57) Abstract :

Various exemplary embodiments relate to a temperature compensation structure for use in a dielectric resonator that permits a support to be thermally efficient in rapidly transferring heat generated by a central puck in the resonator. The temperature compensation structure may have an extension shaped to promote heat from the puck into the support, thereby permitting high power operation of the dielectric resonator without overheating.

No. of Pages : 25 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3815/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : AIR POLLUTION CONTROL SYSTEM AND AIR POLLUTION CONTROL METHOD

(51) International classification :B01D53/50

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/JP2010/052955

Filing Date :25/02/2010

(87) International Publication No :WO 2011/104840

A1

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)UKAI, NOBUYUKI

2)MURAKAMI, MORITOSHI

3)OKINO, SUSUMU

4)NAGAYASU, TATSUTO

5)KAGAWA, SEIJI

(57) Abstract :

An air pollution control system 10A according to the present invention includes: a boiler 11 that burns fuel; NOX removal equipment 12 that decomposes nitrogen oxides in flue gas 25 discharged from the boiler 11; a desulfurizer 15 that causes sulfur oxides in the flue gas 25 having passed through the NOX removal equipment 12 to be absorbed by an absorbent, thereby reducing sulfur oxides in the flue gas 25, a waste-water treatment device 16 including a solid-liquid separating unit 31 that separates desulfurized waste water 28 discharged from the desulfurizer 15 into a solid fraction and a liquid fraction, and a mercury removing unit 32 that removes mercury in the desulfurized waste water 28; and a treated waste-water returning unit (a makeup water line) 17 that returns at least a part of treated waste water 40 treated by the waste-water treatment device 16 to the desulfurizer 15.

No. of Pages : 41 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.320/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :28/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : REAR-MOUNTED VEHICULAR WIND POWER GENERATOR SYSTEM

(51) International classification

:F03D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)CHEN Chung-Hsien

Address of Applicant :3E47 No. 5 Sec. 5 Hsin Yi Rd.
Hsin Yi Dist. Taipei Taiwan R.O.C.

(72)Name of Inventor :

1)CHEN Chung-Hsien

(57) Abstract :

A rear-mounted vehicular power generator system comprises a power generator a blade wheel a power generator shaft an air guiding hood wires and fixed terminals. The vehicular wind power generator system is mounted in the rear of a vehicle. When the vehicle is running air flows through the air guiding hood and drives the blade wheel to rotate. The power generator shaft which is fixed to the blade wheel rotates together with the blade wheel and drives the power generator to generate electric energy. The electric energy is stored in a battery for various applications. The present invention is characterized in that the vehicular wind power generator system is mounted in the rear of a vehicle neither hindering vision of the driver nor impairing balance of the vehicle running at high speed.

No. of Pages : 10 No. of Claims : 2

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSPARENT CLOUD COMPUTING WITH A VIRTUALIZED NETWORK INFRASTRUCTURE

| | | |
|--|--------------------------|---|
| (51) International classification | :H04L12/46, H04L12/56 | (71) Name of Applicant : 1)ALCATEL LUCENT Address of Applicant :3 avenue Octave Grard F-75007 Paris France |
| (31) Priority Document No | :12/582,939 | (72) Name of Inventor : |
| (32) Priority Date | :21/10/2009 | 1)HAO Fang |
| (33) Name of priority country | :U.S.A. | 2)LAKSHMAN T. V. |
| (86) International Application No | :PCT/US2010/051570 | 3)MUKHERJEE Sarit |
| Filing Date | :06/10/2010 | 4)SONG Haoyu |
| (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 capability is provided for providing transparent cloud computing with a virtualized network infrastructure. A method for enabling use of a resource of a data center as an extension of a customer network includes receiving, at a forwarding element (FE), a packet intended for a virtual machine hosted at an edge domain of the data center, determining a VLAN ID of the VLAN for the customer network in the edge domain, updating the packet to include the VLAN ID of the VLAN for the customer network in the edge domain, and propagating the updated packet from the FE toward virtual machine. The edge domain supports a plurality of VLANs for a respective plurality of customer networks. The packet includes an identifier of the customer network and a MAC address of the virtual machine. The VLAN ID of the VLAN for the customer network in the edge domain is determined using the identifier of the customer network and the MAC address of the virtual machine. The FE may be associated with the edge domain at which the virtual machine is hosted, an edge domain of the data center that is different than the edge domain at which the virtual machine is hosted, or the customer network. Depending on the location of the FE at which the packet is received, additional processing may be provided as needed.

No. of Pages : 43 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.385/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : DESIGN AND FABRICATION OF NATURAL FIBRE REINFORCED COMPOSITE MATERIAL FOR PLASTIC REPLACEMENT

| | | |
|---|-------|--|
| (51) International classification | :A47C | (71) Name of Applicant : |
| (31) Priority Document No | :NA | 1)DEVARAJAN, CHANDRAMOHAN |
| (32) Priority Date | :NA | Address of Applicant :46, VEERAMANI NAGAR |
| (33) Name of priority country | :NA | NANMANGALAM CHENNAI - 6000117 Tamil Nadu India |
| (86) International Application No | :NA | 2)KRISHNASWAMY, MARIMUTHU |
| Filing Date | :NA | (72) Name of Inventor : |
| (87) International Publication No | : NA | 1)DEVARAJAN, CHANDRAMOHAN |
| (61) Patent of Addition to Application Number | :NA | 2)KRISHNASWAMY, MARIMUTHU |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The invention disclosure the advantages offered by renewable resources for the elopement of composite materials based on polymer and particles of natural fibers. In this disclosure , powder material of natural fibers Sisal (Agave sisalana), Banana (Musa sepientum) & selle (Hibiscus sabdariffa) , Sisal and banana (hybrid), Roselle and banana (hybrid) and Roselle and sisal (hybrid) are fabricated with polymer using molding method. This disclosure focuses on establishment of superior mechanical and material properties of the hybrid composite. The disclosure includes the process to make the composite and also the variety of products in automotive, furniture, upholstery, house hold goods and computer goods.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2928/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/03/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : A METHOD AND APPARATUS FOR CALCULATING INSERTION INDECES FOR A MODULAR MULTILEVEL CONVERTER

(51) International classification :H02M 7/483
(31) Priority Document No :61/239,859
(32) Priority Date :04/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/062923
Filing Date :03/09/2010
(87) International Publication No :WO 2011/026927
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ABB TECHNOLOGY LTD.
Address of Applicant :AFFOLTERNSTRASSE 44, CH-
8050 ZURICH Switzerland
(72)**Name of Inventor :**
1)ANGQUIST, LENNART

(57) Abstract :

A wire end processing method includes tree steps, in a core wire portion exposing step, a sheath of a wire is stripped so as to expose a core wire portion composed of a plurality of element wires. In a core wire portion unifying step, ultrasonic vibration is applied to the exposed core wire portion while applying a pressure thereto, thereby causing the plurality of the element wires to rub against one another so as to unify the core wire portion. In a terminal connecting step, the unified core wire portion is press-contacted or press-fitted to the terminal.

No. of Pages : 50 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3403/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : PROCESS FOR PRODUCING ALUMINUM TITANATE-BASED CERAMICS FIRED BODY

(51) International classification :C04B35/638,
C04B35/46
(31) Priority Document No :2009-229736
(32) Priority Date :01/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/066937
Filing Date :29/09/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SUMITOMO CHEMICAL COMPANY LIMITED
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Tokyo 104-8260 Japan
(72)**Name of Inventor :**
1)SUZUKI Keiichiro
2)NARUMI Masayuki

(57) Abstract :

The present invention aims to provide a process for producing an aluminum titanate-based ceramics fired body wherein a cracking of a ceramics shaped body during a degreasing step is suppressed and also sufficient mechanical strength for handling is provided to the ceramics shaped body for such a case of the transfer from a degreasing step to a firing step. The present invention is a process for producing an aluminum titanate-based ceramics fired body comprising a shaping step of obtaining a ceramics shaped body by shaping a starting material mixture containing inorganic components including an aluminum source powder and a titanium source powder and organic components; a degreasing step for removing the organic components contained in the ceramics shaped body in atmosphere with an oxygen concentration of not higher than 0.1% and under the temperature condition that the highest temperature is not lower than 700°C and not higher than 1100°C; and a firing step for firing the ceramics shaped body under the temperature condition that the highest temperature is not lower than 1300°C; in this order, wherein the atmosphere at a heating step to 1300°C during the firing step has an oxygen concentration of not lower than 1% and not higher than 6%.

No. of Pages : 43 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.362/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : ARC CONTROL IN A FUSE PROTECTED SYSTEM

(51) International classification

:H01H

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

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NEW YORK 12345 U.S.A.

(72)Name of Inventor :

1)ASOKAN, THANGAVELU

2)VALDES, MARCELO ESTEBAN

3)ROSCOE, GEORGE WILLIAM

(57) Abstract :

An arc control assembly is disclosed. In accordance with certain aspects of the disclosure, a controller is provided that detects the presence of a fault condition on a secondary side of a transformer. Upon detecting such a fault condition, the controller causes a discharge or short condition to be generated on a primary side of the transformer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.375/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : WATER ELEVATER AND DISTRIBUTER

(51) International classification

:F02P

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)PRAHLAD. N. JOSHI

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KAMMAGONDANAHALLI, JALAHALLI WEST,
BENGALURU - 560 015 Karnataka India

(72)Name of Inventor :

1)PRAHLAD. N. JOSHI

(57) Abstract :

This concept and design by me is my own knowledge. I have not copied from any one. This is not available in any book. There are two concepts (i) As per the title of the innovation, the water is elevated to max height by its own force created by the water force. (ii) The Electricity is generated by the water wheel at the same time can be connected with Dynamo and be connected to the pump set to lift the water by centrifugal force.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3750/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : A FLASKLESS MOLDING METHOD AND A FLASKLESS MOLDING MACHINE

(51) International classification :B22C11/00
(31) Priority Document No :2010-165694
(32) Priority Date :23/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/054535
Filing Date :28/02/2011
(87) International Publication No :WO 2012/011300
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SINTOKOGIO, LTD
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NAKAMURA-KU, NAGOYA-SHI, AICHI 450-0002 Japan
(72)**Name of Inventor :**
1)OYA, TOSHIHIKO
2)OGURA, KAZUNORI

(57) Abstract :

To provide a method and a machine for forming flaskless molds with a shortened cycle time even if many cores are placed, to thereby achieve efficient molding. The flaskless molding machine comprises four pairs of upper and lower flasks 4, each pair comprising an upper flask 2 and a lower flask 3, a device 5 for pivoting the flasks to move the four pairs of upper and lower flasks via four stations, including a molding station, a first station for placing a core, a second station for placing a core, and a station for extracting the molds, a match plate 6, a pair of squeeze plates 7, 8, a storage tank 9 for sand, a device 10 for moving forward and backward around an axis that moves around the axis the upper and lower flasks where an upper mold cavity and a lower mold cavity are formed so that ports for introducing molding sand can receive the molding sand from a pair of nozzles for introducing molding sand, a squeezing device 11, a device 14 for moving the upper and lower flasks, and a device 15 for extracting the molds.

No. of Pages : 85 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3751/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : MOBILE COMMUNICATION METHOD, MOBILE MANAGEMENT NODE, AND MOBILE STATION

(51) International classification :H04W4/02
(31) Priority Document No :2009-231033
(32) Priority Date :02/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/067274
Filing Date :01/10/2010
(87) International Publication No :WO 2011/040605
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NTT DOCOMO, INC.
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CHIYODA-KU, TOKYO 100-6150 Japan
(72)**Name of Inventor :**
1)NISHIDA, KATSUTOSHI
2)ISHII, MINAMI
3)HAPSARI, WURI ANDARMAWANTI
4)MIAO, ZHEN

(57) Abstract :

The mobile communication method according to the present invention includes: a step of acquiring and storing, by a mobile management node MME, Cell-ID for identifying a cell in which a mobile station UE exists, in an MM process; a step of transmitting, by the mobile management node MME, a positioning process signal Location Request including the stored Cell-ID to a positioning calculation node E-SMLC, in an LCS process; and a step of performing, by the positioning calculation node E-SMLC, a positioning process of the mobile station UE, using the Cell-ID included in the received positioning process signal Location Request, in the LCS process.

No. of Pages : 37 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3752/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : RELEASE LINER FOR LABEL LAMINATE

(51) International classification :B32B7/06
(31) Priority Document No :61/259,262
(32) Priority Date :09/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/FI2010/050903
Filing Date :09/11/2010
(87) International Publication No :WO 2011/055022
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UPM RAFLATAC OY
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(72)**Name of Inventor :**
1)MITCHELL, NOEL

(57) Abstract :

The invention relates to a method for manufacturing a release layer of a release liner, and to a release layer composition, which comprises a curable release agent and an inductive filler material. The invention relates also to a pressure sensitive label laminates.

No. of Pages : 23 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3559/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : POLYPEPTIDES HAVING CELLULOLYTIC ENHANCING ACTIVITY AND POLYNUCLEOTIDES ENCODING SAME

(51) International classification :c07k14/37
(31) Priority Document No :61/246,893
(32) Priority Date :29/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/050700
Filing Date :29/09/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NOVOZYMES INC.
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2)NOVOZYMES A/S
(72)**Name of Inventor :**
1)TANG Lan
2)LIU Ye
3)DUAN Junxin
4)YU Zhang
5)JORGENSEN Christian
6)KRAMER Randall

(57) Abstract :

The present invention relates to isolated polypeptides having cellulolytic enhancing activity and isolated polynucleotides encoding the polypeptides. The invention also relates to nucleic acid constructs vectors and host cells comprising the polynucleotides as well as methods of producing and using the polypeptides.

No. of Pages : 128 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3774/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : DEVICE FOR BRIDGING AN EXPANSION JOINT

| | |
|--|--------------------------|
| (51) International classification | :E01C11/10, E01D19/06 |
| (31) Priority Document No | :A 1541/2009 |
| (32) Priority Date | :30/09/2009 |
| (33) Name of priority country | :Austria |
| (86) International Application No | :PCT/AT2010/000359 |
| Filing Date | :30/09/2010 |
| (87) International Publication No | :WO 2011/038434 A2 |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)Name of Applicant :

1)REISNER & WOLFF ENGINEERING GMBH

Address of Applicant :TERMINALSTRASSE 25 A-4600
WELS Austria

(72)Name of Inventor :

1)GALLAI, GUSTAV

(57) Abstract :

The invention relates to a device (1) for bridging an expansion joint (2) in the region of a carriageway, comprising a superstructure (5) and a substructure (6), and the superstructure (5) comprises at least one elastic element (15) and the substructure (6) forms a support for the superstructure (5). At least one holding element (19, 20) is disposed in the superstructure (5), which is at least partially embedded in the elastic element (15).

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3776/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHOD FOR FRACTIONATING A STREAM OF CRACKED GAS TO OBTAIN AN ETHYLENE RICH CUT AND A STREAM OF FUEL, AND RELATED INSTALLATION

| | |
|---|--------------------|
| (51) International classification | :F25J3/02 |
| (31) Priority Document No | :09 57537 |
| (32) Priority Date | :27/10/2009 |
| (33) Name of priority country | :France |
| (86) International Application No | :PCT/FR2010/052290 |
| Filing Date | :26/10/2010 |
| (87) International Publication No | :WO 2011/051614 |
| | A2 |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)Name of Applicant :

1)TECHNIP FRANCE

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COUBEVOIE France

(72)Name of Inventor :

1)LAUGIER, JEAN-PAUL

2)SIMON, YVON

(57) Abstract :

This method includes introducing a downstream stream (140) of cracked gas from a downstream heat exchanger (58) in a downstream separator (60) and recovering, at the head of the downstream separator (60), a high-pressure fuel gas stream (144). The method includes the passage of the stream (144) of fuel through the downstream exchanger (58) and an intermediate exchanger (50, 54) to form a reheated high-pressure fuel stream (146), the expansion of the reheated high-pressure fuel stream (146) in at least a first dynamic expander (68) and the passage of the partially expanded fuel stream (148) from the intermediate exchanger (50, 54) in a second dynamic expander (70) to form an expanded fuel stream (152). The expanded fuel stream (152) from the second dynamic expander (70) is reheated in the downstream heat exchanger (58) and in the intermediate heat exchanger (50, 54).

No. of Pages : 20 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3777/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : SUBSTRATE FOR POWER MODULE, SUBSTRATE WITH HEAT SINK FOR POWER MODULE, POWER MODULE, METHOD FOR PRODUCING SUBSTRATE FOR POWER MODULE, AND METHOD FOR PRODUCING SUBSTRATE WITH HEAT SINK FOR POWER MODULE

| | | |
|--|--------------------|--|
| (51) International classification | :H01L23/36 | (71)Name of Applicant : |
| (31) Priority Document No | :2009-243259 | 1)MITSUBISHI MATERIALS CORPORATION |
| (32) Priority Date | :22/10/2009 | Address of Applicant :3-2, OTEMACHI 1-CHOME, |
| (33) Name of priority country | :Japan | CHIYODA-KU, TOKYO 1008117 Japan |
| (86) International Application No | :PCT/JP2010/068332 | (72)Name of Inventor : |
| Filing Date | :19/10/2010 | 1)NAGATOMO, YOSHIYUKI |
| (87) International Publication No | :WO 2011/049067 | 2)AKIYAMA, KAZUHIRO |
| | A1 | 3)TONOMURA, HIROSHI |
| (61) Patent of Addition to Application | | 4)TERASAKI, NOBUYUKI |
| Number | :NA | 5)KUROMITSU, YOSHIROU |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Provided is a power module substrate including a ceramic substrate, and a metal plate which contains aluminum or an aluminum alloy, and which is stacked and bonded on a surface of the ceramic substrate, wherein one or more additional elements selected from Ag, Zn, Ge, Mg, Ca, Ga, and Li are solid-solubilized in the metal plate, and the Ag concentration in the metal plate in the vicinity of the interface with the ceramic substrate is greater than or equal to 0.05% by mass and less than or equal to 10% by mass, or the total concentration of Zn, Ge, Mg, Ca, Ga, and Li in the metal plate in the vicinity of the interface with the ceramic substrate is greater than or equal to 0.01 % by mass and less than or equal to 5% by mass.

No. of Pages : 125 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3543/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : COMMUNICATIONS DEVICE AND METHOD FOR INITIALIZING COMMUNICATIONS AT A COMMUNICATIONS DEVICE

| | | |
|---|--------------------|---|
| (51) International classification | :h04b5/00 | (71)Name of Applicant : |
| (31) Priority Document No | :09171268.7 | 1)Research In Motion Limited |
| (32) Priority Date | :24/09/2009 | Address of Applicant :295 Phillip Street Waterloo Ontario |
| (33) Name of priority country | :EPO | N2L 3W8 Canada. |
| (86) International Application No | :PCT/CA2010/001476 | (72)Name of Inventor : |
| Filing Date | :24/09/2010 | 1)GRIFFIN Jason Tyler |
| (87) International Publication No | : NA | 2)FYKE Steven Henry |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A communications device and method initiates communications at a communications device and includes magnetically coupling the communications device to a Near Field Communications (NFC) tag. In response to the magnetic coupling with the NFC tag an NFC circuit contained in the communications device is activated for subsequent communications using the NFC communications protocol.

No. of Pages : 72 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3668/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : SELECTIVE BOND REDUCTION IN MICROFLUIDIC DEVICES•

(51) International classification :B32B7/04
(31) Priority Document No :61/247,026
(32) Priority Date :30/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/AU2010/001283
Filing Date :30/09/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MYCROLAB DIAGNOSTICS PTY LTD
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Australia
(72)**Name of Inventor :**
1)ATKIN Micah

(57) Abstract :

The invention overcomes the limitations described for the bonding of structured layers by providing a method for selectively reducing the bonding of materials. In its most generic form the invention uses a bonding technique in combination with a printing method for modifying or covering at least one portion of a surface to either fully or partially prevent localised bonding. The structuring process may act upon the layers either before or after the bonding of the layers. The invention overcomes the limitations described in the application of affinity chromatography by providing a planar substrate with discrete optical detection flow cells that contain porous material and have connecting microchannels for fluid delivery and/or removal and a method for making the same.

No. of Pages : 50 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3669/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : HOMOLOGOUS RECOMBINATION IN AN ALGAL NUCLEAR GENOME•

(51) International classification :C12N15/74

(31) Priority Document No :12/581,812

(32) Priority Date :19/10/2009

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

(86) International Application No :PCT/US2010/053265

Filing Date :19/10/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KILIAN Oliver

2)VICK Bertrand

(57) Abstract :

Exemplary transformation methods are provided for introducing deoxyribonucleic acid (DNA) into the nucleus of an algal cell. A transformation construct may be prepared, with the transformation construct having a first sequence of DNA similar to a corresponding first sequence of nuclear DNA, a second sequence of DNA similar to a corresponding second sequence of the nuclear DNA, and a sequence of DNA of interest inserted between the first and second sequences of DNA of the transformation construct. A target sequence of DNA inserted between the first and second corresponding sequences of the nuclear DNA may be transformed, resulting in replacement of the target sequence of DNA with the sequence of DNA of interest. Also provided are exemplary transformation constructs, with some transformation constructs having a first sequence of DNA similar to a corresponding first sequence of nuclear DNA of an algal cell, a second sequence of DNA similar to a corresponding second sequence of nuclear DNA of the algal cell, and a sequence of DNA of interest inserted between the first and second sequences of the transformation construct.

No. of Pages : 26 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.367/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : A NOVEL METHOD FOR MAKING MICROCRYSTALLINE ALPHA ALUMINA BASED HIGH PERFORMANCE ABRASIVE GRAINS

| | | |
|---|-------|--|
| (51) International classification | :C01F | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)CARBORUNDUM UNIVERSAL LIMITED |
| (32) Priority Date | :NA | Address of Applicant :PARRY HOUSE-6TH FLOOR, 43 |
| (33) Name of priority country | :NA | MOORE STREET, CHENNAI - 600 001 Tamil Nadu India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)JAYAN PONNARASSERY SUKUMARAN |
| (87) International Publication No | : NA | 2)PREMANSHU JANA |
| (61) Patent of Addition to Application Number | :NA | 3)ASHOK KUMAR JYOTHIRAJ |
| Filing Date | :NA | 4)ANANTHSESHAN NARAYANAN |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention is related to a novel process of making microcrystalline alpha alumina based abrasive grain. Particularly, described herein are new types of gel dispersion and drying systems and subsequent processes to produce microcrystalline alumina abrasive with improved product performance. The instant invention simplifies the manufacturing process, reduces the cycle time and improves the process efficiency.

No. of Pages : 42 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3806/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : MOBILE STATION

(51) International classification :H04W48/02
(31) Priority Document No :2010-004154
(32) Priority Date :12/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/067427
Filing Date :05/10/2010
(87) International Publication No :WO 2011/043322
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)IWAMURA, MIKIO
2)TANAKA, ITSUMA
3)SUZUKI, KEISUKE
4)KANAUCHI, MASASHI

(57) Abstract :

To conceal AC of a mobile station UE from an MMTEL/IMS layer function, and at the same time, perform SSAC barring in the MMTEL/IMS layer function. In the mobile station UE according to the present invention, an AS layer function 10 includes a broadcast information reception unit 11 configured to receive broadcast information, an adjustment unit 13 configured to generate second barring information (ac-BarringFactor and ac-BarringTime) based on first barring information (ac-BarringFactor and ac-BarringTime) included in the AC of the mobile station UE and the broadcast information, and a notification unit 14 configured to notify the MMTEL/IMS layer function 30 of the second barring information, and the MMTEL/IMS layer function 30 includes a determination unit 24 configured to determine whether or not it is possible to perform a call request process based on the second barring information.

No. of Pages : 36 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3807/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : A CALIBRATION APPARATUS, A DISTANCE MEASUREMENT SYSTEM, A CALIBRATION METHOD AND A CALIBRATION PROGRAM

(51) International classification :G01C3/00
(31) Priority Document No :2010-204328
(32) Priority Date :13/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/069854
Filing Date :25/08/2011
(87) International Publication No :WO 2012/035983
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)AOKI, SHIN

(57) Abstract :

A disclosed calibration apparatus is configured to receive inputs of two reference images and plural items of parallax data, these two reference images being captured by one of the imaging devices at two locations, and the parallax data being calculated using these two reference images and two corresponding images based on positions of plural feature points common to the reference image and the corresponding image for each pair thereof on a location basis, two corresponding images being captured by another of the imaging devices at these two locations; search for plural feature points common to these two reference images; calculate parallaxes and parallax changing amounts, based on the parallax data related to the respective feature points in these two reference images, for each of the searched feature points; and calculate a correction value for the parameter based on the calculated parallaxes and parallax changing amounts.

No. of Pages : 57 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3808/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : SPHERICAL FLANGE JOINT

(51) International classification :F16L21/08
(31) Priority Document No :61/246,842
(32) Priority Date :29/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/050771
Filing Date :29/09/2010
(87) International Publication No :WO 2011/041448 A3
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JASON DROST
2)ROBERT SCHELLIN

(57) Abstract :

A flange joint for joining a first pipe to a second pipe, comprising: an adapter coupled to the first pipe, the adapter comprising a convex surface; a gasket comprising a first concave surface and a second convex surface, the first concave surface of the gasket being matingly engageable with the convex surface of the adapter, and the second convex surface being matingly engageable with the second pipe, wherein the gasket is supported on the first pipe; and a clamp comprising a concave surface matingly engageable with the second pipe to secure the gasket to the adapter.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.312/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :27/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : TRANSPORT CONTROL PROTOCOL FOR SMS

(51) International classification

:H04L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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2)LATHA RAJAGOPALAN

3)UMESH SACHDEV

4)SRIRAM NARAYANAMURTHY

(57) Abstract :

The embodiments relate to a method and system for reliable transport mechanism based on SMS as disclosed in the embodiments herein. The system segments the message into packets. Each packet is given a unique sequence number. Further, using a sliding window model, each packet is assigned a sequence number. To each packet, a header field is attached which comprise data such as originating phone number, sequence number, time stamp and so on. The packets are then sent to the destination. At the destination, the message packets are identified using the sequence number and are reassembled in order. Further, for the received packets, acknowledgements are sent to the sender end. Further, the sender may selectively retransmit certain packets either upon receiving a retransmission request from the receiver or if acknowledgement is not received within a preset time period for any packet transmitted.

No. of Pages : 26 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3596/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : INSERT FOR WIND TURBINE BLADE ROOT

(51) International classification :F03D11/04
(31) Priority Document No :200910175881.X
(32) Priority Date :23/09/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/001468
Filing Date :21/09/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)MIRONOV Gabriel

(57) Abstract :

An insert (10) for a wind turbin blade root has a wedge-like portion (16) the wedge-like portion (16) is elongate and extends between a distal end (14) and a proximal end (25) thereof. The wedge-like portion (16) has opposed major surfaces (14 25) and a connection protion (12) for fitting the insert (10) to a mount and increases in thickness between the opposed major surfaces (14 16) in a direction from the distal end (14) to the proximal end (25). The connection portion (12) is integral with and located at the proximal end (25) of the wedge-like portion (160). With this insert the total weight of the assembled blade and raw material cost can be reduced considerably and the manufacturing of the wind blade root including a plurality of such inserts is facilitated.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3597/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : PEST CONTROL COMPOSITION

(51) International classification :A01N43/56
(31) Priority Document No :2009-244230
(32) Priority Date :23/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/068799
Filing Date :19/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SAKAMOTO Norihisa
2)NISHIMURA Shinya

(57) Abstract :

The present invention provides a pest control composition comprising as active ingredients an amide compound of the formula (I) and pyriproxyf en; and so on.

No. of Pages : 46 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3598/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : PLANTS HAVING ENHANCED YIELD-RELATED TRAITS AND A METHOD FOR MAKING THE SAME•

(51) International classification :C12N15/82

(31) Priority Document No :61/253,856

(32) Priority Date :22/10/2009

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

(86) International Application No :PCT/EP2010/065462

Filing Date :14/10/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)BASF PLANT SCIENCE COMPANY GMBH

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(72)Name of Inventor :

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2)VANDENABEELE Steven

3)REUZEAU Christophe

4)CHOI Yang Do

5)KIM Ju Kon

(57) Abstract :

The present invention relates generally to the field of molecular biology and concerns a method for enhancing various economically important yield-related traits in plants. More specifically, the present invention concerns a method for enhancing yield-related traits in plants by modulating expression in a plant of a nucleic acid encoding a CLC-like (Chloride Channel-like) polypeptide, or an OsBURP-like (BURP-domain containing protein) polypeptide, or an AP2/ERF polypeptide. The present invention also concerns plants having modulated expression of a nucleic acid encoding a CLC-like polypeptide, or an OsBURP-like polypeptide, or an AP2/ERF polypeptide, which plants have enhanced yield-related traits relative to control plants. The invention also provides constructs comprising CLC-like polypeptide, or OsBURP-like, or AP2/ERF-encoding nucleic acids, useful in performing the methods of the invention.

No. of Pages : 186 No. of Claims : 88

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3599/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :20/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : NON-ASTRINGENT PROTEIN PRODUCTS*

(51) International classification :A23J1/00
(31) Priority Document No :EP 09175963.9
(32) Priority Date :13/11/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/NL2010/050756
Filing Date :12/11/2010
(87) International Publication No : NA
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)VAN NIEUWENHUIJZEN Nelly Hermina
3)LAMBERS Teartse Tim
4)SPELBRINK Robin Eric Jacobus

(57) Abstract :

The present disclosure relates to a protein that can be added to a food product or beverage without thereby providing the food product or beverage with a strong astringent taste an undesirable colouring and/or an off-taste. More in particular the disclosure relates to a potato protein glyated with a reducing sugar wherein the reducing sugar is preferably chosen from the group consisting of reducing monosaccharides reducing disaccharides dextran and combinations thereof.

No. of Pages : 45 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3800/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : WIRE-EQUIPPED CRIMP TERMINAL AND METHOD OF CURING COATING AGENT

(51) International classification :H01R4/18
(31) Priority Document No :2009-279691
(32) Priority Date :09/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/072601
Filing Date :09/12/2010
(87) International Publication No :WO 2011/071188
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KUMAKURA, HIDEITO
2)ITO, YUICHI
3)ASAKURA, NOBUYUKI

(57) Abstract :

A wire-equipped crimp terminal includes a wire, a crimp terminal and a coating agent. The wire has a conductor exposed from an insulative sheath. The crimp terminal has a crimping piece which is press-deformed to embrace the conductor. The coating agent is coated to a first part of the crimp terminal. A recess is formed at a non-coating part of the crimp terminal where the coating agent is not coated. The coating agent is cured by irradiating light or an electron beam to the first part in a state where a part of the coating agent flowing out from the first part is received in the recess.

No. of Pages : 27 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.842/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :13/04/2009

(43) Publication Date : 02/08/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS AND METHODS FOR IMPROVED HEALING OF CHRONIC WOUNDS

| | | |
|---|--------------------------|---|
| (51) International classification | :A61K48/00, A61K38/00 | (71)Name of Applicant : 1)Virchow Biotech Pvt Ltd. Address of Applicant :Plot No.4 S.V. Co-op. Industrial Estate I.D.A. Jeedimetla Hyderabad - 500 055 INDIA. Belarus |
| (31) Priority Document No | :NA | 2)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH |
| (32) Priority Date | :NA | (72)Name of Inventor : |
| (33) Name of priority country | :NA | 1)BHATTACHARYYA JAYANTA |
| (86) International Application No | :NA | 2)SISTLA RAMAKRISHNA |
| Filing Date | :NA | 3)DIWAN PRAKASH V |
| (87) International Publication No | : NA | 4)DIWAN PRAKASH V |
| (61) Patent of Addition to Application Number | :NA | 5)NANDIGALA HEMANTH |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention provides methods and pharmaceutical compositions for use in topical delivery of genetic material and/or proteins. In addition, the present invention provides methods and compositions for enhancing and/or controlling chronic wounds by applying a wound care device comprising a cationic amphiphile, cholesterol and a genetic material, the said amphiphile with remarkable gene transfer properties. The area of medical science that is likely to benefit most from the present invention is non-viral gene therapy of chronic wounds.

No. of Pages : 53 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3742/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : DISPLAY DRIVING CIRCUIT, DISPLAY DEVICE, AND DISPLAY DRIVING METHOD

(51) International classification :G09G3/36
(31) Priority Document No :2009-239763
(32) Priority Date :16/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/059547
Filing Date :04/06/2010
(87) International Publication No :WO 2011/045955
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)FURUTA, SHIGE
2)YAMAMOTO, ETSUO
3)MURAKAMI, YUHICHIROH
4)GYOUTEN, SEIJIROU

(57) Abstract :

A display device employing CC driving switches from (i) a first mode in which to carry out a display by converting resolution of a video signal by a factor of 2 in a column-wise direction to (ii) a second mode in which to carry out a display at the resolution of the video signal. During the first mode, signal potentials having the same polarity and the same gray scale are supplied to pixel electrodes included in respective two pixels that correspond to two adjacent scanning signal lines and that are adjacent to each other in the column-wise direction, and a direction of change in the signal potentials written to the pixel electrodes varies every two adjacent rows (2-line inversion driving). During the second mode, the direction of change in the signal potentials written to the pixel electrodes lines varies every single row (1-line inversion driving). A display driving circuit is provided which allows a display device employing CC driving to, without lowering display quality, alternately switch between (i) a first mode in which to carry out a display by converting resolution of a video signal by a factor of n {n is an integer} and (ii) a second mode in which to carry out a display by converting the resolution of the video signal by a factor of m (m is an integer different from n).

No. of Pages : 205 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3743/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : A PARALLAX IMAGING APPARATUS, PARALLAX IMAGING METHOD, PARALLEX IMAGING SYSTEM AND COMPUTER READABLE MEDIUM

(51) International classification :H04N13/02
(31) Priority Document No :2010-197484
(32) Priority Date :03/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/004695
Filing Date :24/08/2011
(87) International Publication No :WO 2012/029251
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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TOKYO Japan
(72)**Name of Inventor :**
1)SHUZO SATO
2)EJI OTANI
3)KEN OZAWA
4)SEIJI KOBAYASHI

(57) Abstract :

A stereoscopic imaging method where a pixel matrix is divided into groups such that parallax information is received by one pixel group and original information is received by another pixel group. The parallax information may, specifically, be based on polarized information received by subgroups of the one pixel, group and by processing all of the information received multiple images are rendered by the method.

No. of Pages : 84 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3765/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : PROCESS FOR COPRODUCING DI-AND/OR POLYISOCYANATES AND GLYCOLS

(51) International classification :C07C263/04
(31) Priority Document No :09174169.4
(32) Priority Date :27/10/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/066220
Filing Date :27/10/2010
(87) International Publication No :WO 2011/051314
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)THEIS, GERHARD

(57) Abstract :

A process for coproducing di- and/or polyisocyanates and glycols, comprising process stages A, B, C and E for preparing glycols and process stages A, C, D, E, F and G for preparing di- and/or polyisocyanates, which comprises accomplishing the material coupling via the separation of the reaction mixture obtained in process stage A into process stages B and C, by in process stage A, reacting an aqueous alkylene oxide with carbon dioxide to give a reaction mixture comprising alkylene carbonate, hydrolyzing a portion of the alkylene carbonate-comprising reaction mixture obtained in process stage A to glycol in process stage B, dewatering the remaining alkylene carbonate-comprising stream of the reaction mixture from process stage A in process stage C, in process stage D, synthesizing amine by hydrogenating an aromatic nitro compound or a nitrile, in process stage E, transesterifying the dewatered alkylene carbonate-comprising mixture from process stage C with a monohydroxy alcohol to give the corresponding dialkyl carbonate, obtaining glycol as a coproduct, in process stage F, reacting the dialkyl carbonate-comprising reaction mixture obtained in process stage E with the amine obtained in process stage D to a mixture comprising the corresponding mono-, di- and/or polycarbamate, which in process stage G is cleaved to obtain the corresponding di- and/or polyisocyanate.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3771/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : WIRE HARNESS AND ELECTRONIC DEVICE CONTROL SYSTEM

(51) International classification :B60R16/02
(31) Priority Document No :2009-247543
(32) Priority Date :28/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/069002
Filing Date :26/10/2010
(87) International Publication No :WO 2011/052608
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)AOKI, YOSHIHITO

(57) Abstract :

It is intended to provide a wire harness and an electronic device control system which includes the wire harness, so that while the functions with which an electronic control unit is provided can be standardized, circuits can be used commonly without being changed even when the combination of a plurality of electronic devices mounted in a vehicle is changed. A wire harness (30) includes a standard connection circuit part (31) which connects a standard electronic device (10a) and an ECU (20), and an optional connection circuit part (32) which connects optional electronic devices (10b) and the ECU (20). The optional connection circuit part (32) includes a communication connector (50) which is provided to be connectable to the optional electronic devices (10b), and an optional circuit (321) which connects the ECU (20) to the communication connector (50). The communication connector (50) performs multiplex communication which multiplexes communication of the optional electronic devices (10b) and the ECU (20).

No. of Pages : 39 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3836/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : SOCIAL BROWSING

(51) International classification :G06F17/21
(31) Priority Document No :12/614,457
(32) Priority Date :09/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/052009
Filing Date :08/10/2010
(87) International Publication No :WO 2011/056350 A3
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)WANG, CHUN-KAI
4)HOFF, AARON C.
5)NARANJO, FELIPE LUIS
6)PENOV, FRANCISLAV P.

(57) Abstract :

A method described herein includes acts of extracting at least one entity from an arbitrary web page being viewed by an individual on a computing device and comparing the at least one entity with social network data of the individual, wherein the social network data comprises a plurality of messages generated by members of a social network of the individual. The method further includes the acts of identifying at least one message in the plurality of messages based at least in part upon the comparing of the at least one entity with the social network data of the individual and causing the at least one message to be displayed on the web page in conjunction with the at least one entity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3837/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : METHOD FOR DECODING A BITSTREAM

(51) International classification :H04N7/30
(31) Priority Document No :12/603,100
(32) Priority Date :21/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2010/066621
Filing Date :16/09/2010
(87) International Publication No :WO 2011/048909
A2
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)VETRO, ANTHONY
3)SUN, HUIFANG

(57) Abstract :

A bitstream includes a sequence of frames. Each frame is partitioned into encoded blocks. For each block, a set of paths is determined at a transform angle determined from a transform index in the bitstream. Transform coefficients are obtained from bitstream. The transform coefficients include one DC coefficient for each path. An inverse transform is applied to the transform coefficients to produce a decoded video.

No. of Pages : 44 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.384/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : MINERAL MIXTURE AS NUTRIENTS FOR SMALL RUMINANTS

(51) International classification

:A23K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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(72)Name of Inventor :

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2)APL, DIN TARAN

3)PARAMANANDHAM KRISHNAMOORTHY

4)KORATIKERE THIRUMALACHAR SAMPATH

(57) Abstract :

Present invention discloses a mineral mix feed with known feed stock meeting the requirement of nourishment in sheep and goats. The mineral mix is made from commonly available inorganic salts which supply adequate minerals to meet the nutritional requirement on a daily basis. The growth in sheep and goats have been observed to be substantial with added benefit of immunity when ruminants are fed with the mineral mix feed.

No. of Pages : 11 No. of Claims : 7

(54) Title of the invention : A SURFACE TREATMENT PROCESS TO ENHANCE CAVITATION EROSION RESISTANCE OF A COMBINATION COATING WITH TOP COAT APPLIED ON SUBSTRATE BY TWIN WIRE ARC SPRAY(TWAS) PROCEDURE

| | | |
|---|----------------|---|
| (51) International classification | :C23C 18/32 | (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, DJBLOCK 3RD FLOOR, |
| (86) International Application No | :NA | KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091, |
| Filing Date | :NA | HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, |
| (87) International Publication No | : NA | SIRI FORT, NEW DELHI - 110049, INDIA. |
| (61) Patent of Addition to Application Number | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)BHARAT KUMAR PANT |
| (62) Divisional to Application Number | :NA | 2)VIVEK ARYA |
| Filing Date | :NA | 3)PANKAJ JOSHI |
| | | 4)KALYANKAR ARJUN |
| | | 5)KASAVARAJU VIDYASAGAR |

(57) Abstract :

The invention relates to a surface treatment process to enhance cavitation erosion resistance of Ti6Al4V by a combination coating with top coat applied on Ti6Al4V substrate by twin wire arc spray (TWAS) procedure, the combination coating consisting of a bond coat and a top coat, the (TWAS) procedure comprises melting of two electrically opposite charged wire by an electric arc, atomizing and applying the molten material by compressed air on a substrate, the process comprising the steps of providing a Ti6Al4V coatable substrate; grit blasting of Ti6Al4V base on the substrate through an aluminum grit at an air pressure between 5 to 5.6 Kg/cm²; coating the freshly blasted surface with a bond coat of alpha 1800 alloy upto a thickness of about 100 micro; applying on the bond-coated surface of the substrate SHS 7170 alloy composition by TWAS procedure; and treating the combination-coated surface by laser processing.



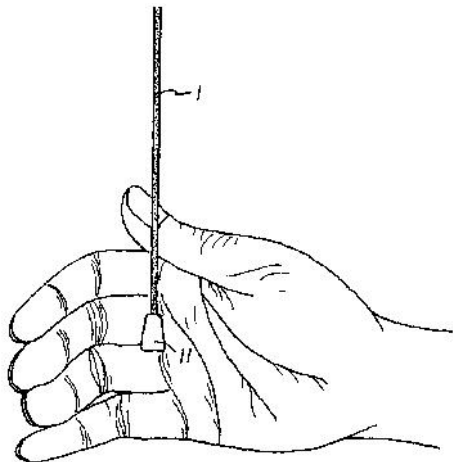
No. of Pages : 13 No. of Claims : 3

(54) Title of the invention : SUSPENSION CORD PULL SWITCH

| | | |
|---|------------|---|
| (51) International classification | :H01H 9/06 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)WEI JUNG-TSUNG |
| (32) Priority Date | :NA | Address of Applicant :2F, NO. 176, SEC. 2, DUNG MEN |
| (33) Name of priority country | :NA | ROAD, TAINAN |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)WEI JUNG-TSUNG |
| (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 :

An innovated suspension cord pull switch, having a static induction device, serving as a touch control with static induction effect; at one end of the suspension pull cord is a touch nit, inside the touch unit is suspended a contact unit. Either one of the touch unit or the contact unit is grounded. Even when an insulator touches the suspension pull cord or the touch unit, the contact unit and the touch unit are brought into contact with each other, achieving the effect of touch control. Instead of conventional pulling operation, grasping operation, restricted direction of operation, and the extent of force in operation, the switch can be operated more easily, conveniently and quickly.



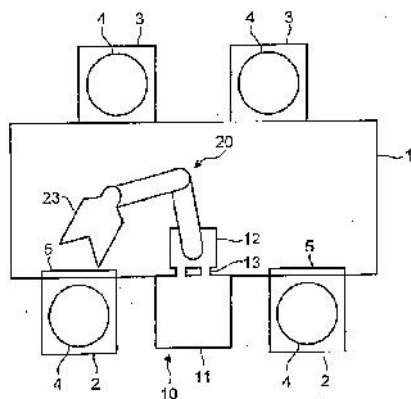
No. of Pages : 16 No. of Claims : 4

(54) Title of the invention : TRANSFER ROBOT

| | | |
|---|--------------|---|
| (51) International classification | :H01L | (71)Name of Applicant : |
| (31) Priority Document No | :2012-018980 | 1)KABUSHIKI KAISHA YASKAWA DENKI |
| (32) Priority Date | :31/01/2012 | Address of Applicant :2-1,KUROSAKI-SHIROISHI, |
| (33) Name of priority country | :Japan | YAHATANISHI-KU,KITAKYUSHU-SHI, FUKUOKA 806-0004,JAPAN |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)FURUICHI MASATOSHI |
| (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 transfer robot according to an embodiment includes an arm and a body. The arm is provided, at a terminal end thereof, with a robot hand transferring a thin plate-like workpiece, and operates in horizontal directions. The body includes a lifting and lowering mechanism that lifts and lowers the arm. In the transfer robot, at least a part of the body is disposed outside a side wall of a transfer room that is connected to an opening and closing device opening and closing a storage container for the thin plate-like workpiece and to a processing room processing the thin plate-like workpiece.



No. of Pages : 28 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.110/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

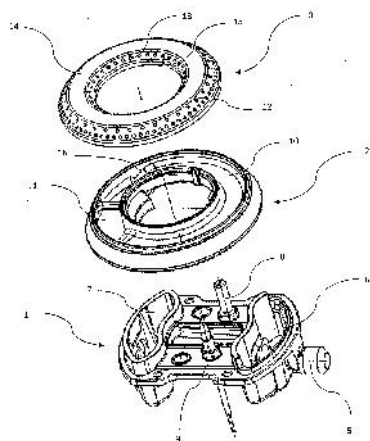
(43) Publication Date : 02/08/2013

(54) Title of the invention : A GAS BURNER FOR A DOMESTIC COOKTOP

| | | |
|---|------------|---|
| (51) International classification | :F23D14/06 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)SABAF S.P.A. |
| (32) Priority Date | :NA | Address of Applicant :VIA DEI CARPINI,1 I-25035 |
| (33) Name of priority country | :NA | OSPITALETTO(BS) ITALY |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)BETTINZOLI,ANGELO |
| (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 gas burner for a domestic cooktop (100), of the type comprising a burner cup (1) suitable to be fixed to said cooktop (100) and provided with at least part of the structure for at least one primary-air gas mixer (4), a burner body (2) that may be joined to said burner cup (1), said burner body (2) comprising at least part of the structure for at least one primary air-gas mixture delivery chamber (10), and a burner cover (3) that may be joined to said burner body (2) to complete said at least one primary-air gas mixture delivery chamber (10), as well as at least one flame-spreader (12; 13) that is made in one piece with said burner cover (3). Advantageously, said burner cover (3) and said at least one flame-spreader (12; 13) are made in a steel, or iron, or iron-alloy sheet.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1249/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :30/10/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : HYBRID POWERTRAIN WITH LAYSHAFT TRANSMISSION AND ELECTRIC TORQUE CONVERTER AND METHOD OF CONTROLLING SAME

| | | |
|---|-------------|--|
| (51) International classification | :B60W10/08 | (71)Name of Applicant : |
| (31) Priority Document No | :13/358874 | 1)GM GLOBAL TECHNOLOGY OPERATIONS LLC |
| (32) Priority Date | :26/01/2012 | Address of Applicant :300 GM RENAISSANCE CENTER, |
| (33) Name of priority country | :U.S.A. | DETROIT, MICHIGAN 48265-3000, U.S.A. |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)ANDREW W. PHILLIPS |
| (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 powertrain has an electric torque converter that includes an electric motor/generator, and a differential gear set having a first member, a second member, and a third member. The powertrain includes a layshaft transmission having a first input member connected to the first member, a second input member connected to the second member, and having a plurality of selectively engageable torque-transmitting mechanisms each of which is selectively engageable to establish a different respective speed ratio through the transmission. At least one controller is provided, and the motor/generator is connected for common rotation with the third member and is controlled by said at least one controller to establish a speed of the third member that permits synchronous engagement and disengagement of the torque-transmitting mechanisms to shift from one of the respective speed ratios to a successive one of the respective speed ratios. A method of controlling the powertrain is also provided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1325/KOL/2012 A

(19) INDIA

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

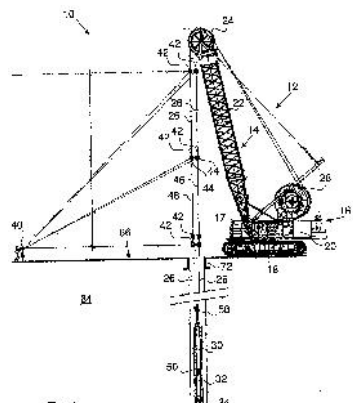
(43) Publication Date : 02/08/2013

(54) Title of the invention : METHOD AND ARRANGEMENT FOR PRODUCING A TRENCH WALL ELEMENT

| | | |
|---|-------------|--|
| (51) International classification | :E02D17/08 | (71)Name of Applicant : |
| (31) Priority Document No | :12000598.8 | 1)BAUER SPEZIALTEIFBAU GMBH |
| (32) Priority Date | :31/01/2012 | Address of Applicant :BAUER-STR.1, 86529 |
| (33) Name of priority country | :EPO | SCHROBENHAUSEN, GERMANY |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)SCHWANZ, CHRISTOPH |
| (87) International Publication No | : NA | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The invention relates to a method for producing a trench wall element in the ground, in which a trench is produced in the ground through removal of ground material by means of a removal device and a hardening medium is introduced into the trench in order to form the trench wall element. Provision is made in that between the removal device and a carrier device at least two ropes are tensioned, for which the respective positions of at least two vertically spaced rope points of a rope are ascertained through angle and distance measurements by means of a measuring device, and in that the ascertained positions of the rope points are used to determine a location of the removal device in the ground. The invention furthermore relates to an arrangement for producing a trench wall element.



No. of Pages : 21 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.116/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :30/01/2013

(43) Publication Date : 02/08/2013

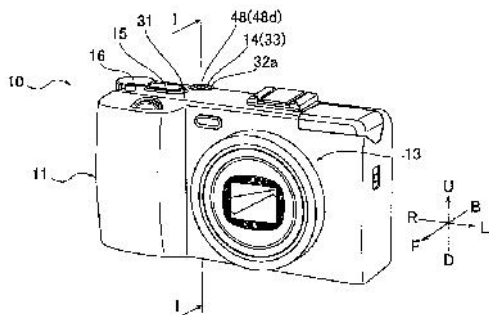
(54) Title of the invention : PUSH SWITCH MECHANISM

(51) International classification :A47B88/00
(31) Priority Document No :2012-019454
(32) Priority Date :01/02/2012
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RICOH COMPANY, LTD.
Address of Applicant :3-6, NAKAMAGOME 1-CHOME,
OHTA-KU, TOKYO 143-8555 JAPAN
(72)**Name of Inventor :**
1)IGI HIROKI

(57) Abstract :

A push switch mechanism which pushes a switching portion of a switching device provided on a circuit board by a pushing operation of an operation button includes a holder forming a holding portion which holds a light-emitting element on the side opposite to the circuit board as seen in a pushing operation direction of the operation button relative to the switching device, wherein the operation button is attached to the holding portion in a state which holds the light-emitting element, the holder is configured to enable displacement of the holding portion in the pushing operation direction relative to the circuit board, and the holding portion is configured to push the switching portion in response to the pushing operation of the operation button.



No. of Pages : 55 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.123/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :31/01/2013

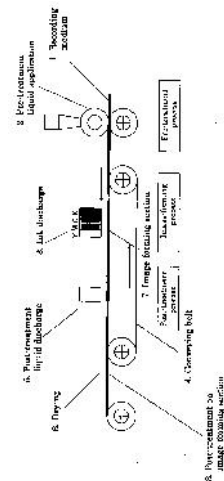
(43) Publication Date : 02/08/2013

(54) Title of the invention : POST-TREATMENT LIQUID FOR INKJET RECORDING, IMAGE FORMING METHOD , CARTRIDGE AND IMAGE FORMING APPARATUS

| | | |
|---|--------------|--|
| (51) International classification | :C09B29/20 | (71)Name of Applicant : |
| (31) Priority Document No | :2012-020660 | 1)RICOH COMPANY, LTD. |
| (32) Priority Date | :02/02/2012 | Address of Applicant :3-6, NAKAMAGOME 1-CHOME, |
| (33) Name of priority country | :Japan | OHTA-KU, TOKYO, JAPAN |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)NAMBA MICHIIKO |
| (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 post-treatment liquid for inkjet recording including a urethane resin, a fluorosurfactant, a water-soluble organic solvent and water.



No. of Pages : 78 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.39/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :11/01/2013

(43) Publication Date : 02/08/2013

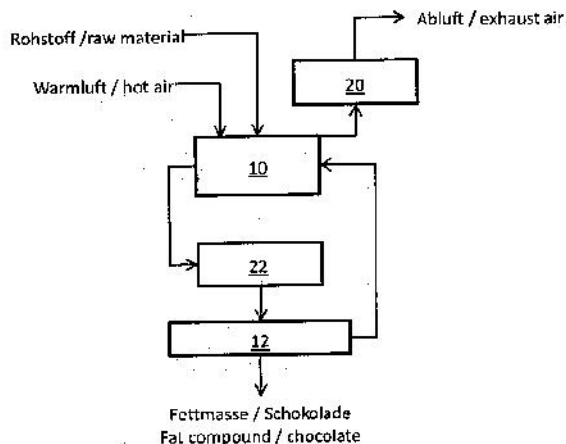
(54) Title of the invention : PROCESS FOR THE PRODUCTION OF FAT-CONTAINING MASSES

(51) International classification :C12P7/64
(31) Priority Document No :DE102012001417.1
(32) Priority Date :26/01/2012
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NETZSCH-FEINMAHLTECHNIK GMBH
Address of Applicant :SEDANSTRASSE 70, 95100 SELB,
GERMANY
(72)**Name of Inventor :**
1)MR. HORST ZETTL
2)MR. DIMITRIOS MAKRAKIS
3)MR. THERON HARBS
4)MR. MICHAEL SCHMIDT

(57) Abstract :

A process for the production of natural stimulants based on fat-containing masses is disclosed. To produce said fat-containing mass, the raw materials are fed into an apparatus first. These raw materials are mixed in said apparatus and the required processing temperature and consistency are set. Then the mixed raw materials are liquefied in said apparatus by adding at least one fat and/or at least one oil. Finally, the fat-containing mass produced is pulverized through circulation between said apparatus and a grinding mill. In a preferred embodiment, said grinding mill comprises two grinding zones. In the first grinding zone, the coarse components are pre-ground. In the subsequent main grinding zone, the pre-ground components are pulverized.



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

(54) Title of the invention : A REGULATING DEVICE TO BALANCE MASS FLOW RATE DIFFERENCE OF COOLING AIR BETWEEN DIFFERENT STATOR QUARTERS IN TURBO-GENERATOR

| | | |
|---|-----------|---|
| (51) International classification | :H02K3/12 | (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, DJBLOCK 3RD FLOOR, |
| (86) International Application No | :NA | KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091, |
| Filing Date | :NA | HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, |
| (87) International Publication No | : NA | SIRI FORT, NEW DELHI - 110049, INDIA. |
| (61) Patent of Addition to Application Number | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)UPPULURI SRIDHAR |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The invention relates to a regulating device to balance mass flow rate difference of cooling air between different stator quarters in turbo-generator, the generator having at least a stator core covered with a stator frame, a plurality of stator and rotor windings, a plurality of fans, and a plurality of air ducts preferably insulated carrying and supplying cool air during operation of the generator to absorb heat generated, the device comprising a plurality of conduits corresponding to the number of stator quarter, a first end of the conduit is rigidly fixed at the bottom of the stator frame, a second end of the conduits extending to each of the stator quarter for supplying additional cool air through the discharge-side fans; a regulating means each provided inside said conduits having grooves; and an actuating means enabled to cause a positive movement of said regulating means inside the conduits to allow one of a partial opening and complete closure of the air flow through the conduits to the stator quarters.



No. of Pages : 17 No. of Claims : 4

(54) Title of the invention : QUICK CONNECTOR AND TEMPERATURE CONTROL SYSTEM INCORPORATING SUCH A CONNECTOR

| | | |
|---|-------------|---|
| (51) International classification | :A61F7/00 | (71)Name of Applicant : |
| (31) Priority Document No | :12 50915 | 1)STAUBLI FAVERGES |
| (32) Priority Date | :31/01/2012 | Address of Applicant :PLACE ROBERT ST.,UBLI, F- |
| (33) Name of priority country | :France | 74210 FAVERGES/FRANCE |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)TIBERGHIE ALAIN CHRISTOPHE |
| (87) International Publication No | : NA | 2)DURIEUX CHRISTOPHE |
| (61) Patent of Addition to Application Number | :NA | 3)MOREL FR^D^RIC |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A first element (100) of the quick connector (R) comprises a piston (130) equipped with a valve (150) for selectively closing off an inner duct (C100) of said first element (100). The piston is movable, under the effect of the pressure of the fluid reigning in the inner duct (C100) of the first element, between a first position retracted into the body (110) of the first element and a second position forward relative to that body. The valve (150) is movable relative to the piston (130) in a direction parallel to the fitting axis of the elements (100, 200) of the connector. The connector comprises sealing means (140) between the piston (130) and the body (110) of the first element (100), at least one member (170) for selectively locking the piston in its first position, and means (270) for maintaining the moving member (170) in the configuration locking the piston (130) in its first position, when the connector (R) is coupled and during separation of the first and second elements (100, 200), at least as long as the valve (150) is not in its position closing off the inner duct (C100) of the first element (100), said maintaining means (270) not acting on the moving locking member (170) in the separated configuration of the connector (R). In the separated configuration of the connector (R), the valve (150) is in the position closing off the inner duct (C100), and the sealing means (140) isolate that duct from the outside, in the two positions of the piston (130) and during the movements thereof between those positions.

No. of Pages : 31 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.93/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : AN IMPROVED SILVER PLATING DEVICE AND A METHOD THEREOF

| | | |
|---|------------|---|
| (51) International classification | :C23C18/00 | (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, DJBLOCK 3RD FLOOR, |
| (86) International Application No | :NA | KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091, |
| Filing Date | :NA | HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, |
| (87) International Publication No | : NA | SIRI FORT, NEW DELHI - 110049, INDIA. West Bengal India |
| (61) Patent of Addition to Application Number | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)GYAN CHAND |
| (62) Divisional to Application Number | :NA | 2)VINAY KUMAR CHATURVEDI |
| Filing Date | :NA | |

(57) Abstract :

An improved silver plating device adaptable to silver plating in current carrying hole of slip ring shaft comprising a box shaped structure having a radial surface (2) at the proximate end and the box is provided a plurality of interior holes disposed intermittently along the central axial path out of which a plurality of holes (7, 8) disposed at two distal end of the box engaged for mounting with the slip ring, a centre hole (3) for fitting an anode (4) and a plurality of holes (5, 6) disposed on both sides of the central hole engaged for flowing fluid via a plurality of nipples with elbow bend (9, 10).

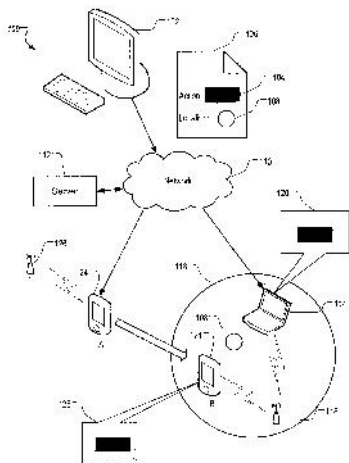
No. of Pages : 15 No. of Claims : 9

(54) Title of the invention : LOCATION-BASED METHODS, SYSTEMS, AND PROGRAM PRODUCTS FOR PERFORMING AN ACTION AT A USER DEVICE

| | | |
|---|-------------|---|
| (51) International classification | :H04L29/06 | (71)Name of Applicant : |
| (31) Priority Document No | :61/594,328 | 1)APPLE INC. |
| (32) Priority Date | :02/02/2012 | Address of Applicant :1 INFINITE LOOP, CUPERTINO, |
| (33) Name of priority country | :U.S.A. | CA 95014-2094 U.S.A. |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)LEBLANC, CHELSEA J. |
| (87) International Publication No | : NA | 2)LINN, CHRISTOPHER S. |
| (61) Patent of Addition to Application Number | :NA | 3)CAFARO, JOHN-PETER E. |
| Filing Date | :NA | 4)DUTTA, LALA |
| (62) Divisional to Application Number | :NA | 5)GOLLAKOTA, SUBHA U. |
| Filing Date | :NA | |

(57) Abstract :

Methods, program products, and systems for location-based reminders are disclosed. A first user device can receive an input specifying that a reminder be presented at a given location. The first user device can provide a reminder request, including type and content of the reminder and the location, to a server computer for pushing to one or more user devices. A second user device, upon receiving the reminder request, can determine a device location of the second user device. If the given location matches the device location, the second user device can present the reminder in a user interface.



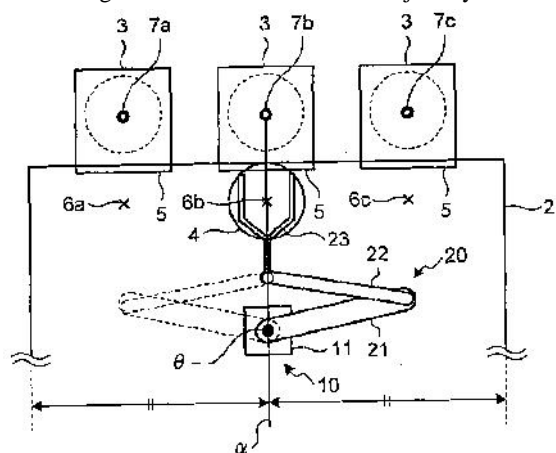
No. of Pages : 44 No. of Claims : 41

(54) Title of the invention : CONVEYING SYSTEM

| | | |
|---|--------------|--|
| (51) International classification | :B65F5/00 | (71)Name of Applicant : |
| (31) Priority Document No | :2012-018704 | 1)KABUSHIKI KAISHA YASKAWA DENKI |
| (32) Priority Date | :31/01/2012 | Address of Applicant :2-1, KUROSAKI-SHIROISHI, |
| (33) Name of priority country | :Japan | YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-0004 JAPAN |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)FURUICHI MASATOSHI |
| (87) International Publication No | : NA | 2)KIMURA YOSHIKI |
| (61) Patent of Addition to Application Number | :NA | 3)MATSUO TOMOHIRO |
| Filing Date | :NA | 4)KUSAMA YOSHIHIRO |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A conveying system according to an embodiment includes a robot and a controller. The controller includes a switching unit. The robot includes an arm unit formed of a hand and a plurality of arms connected rotatably with respect to one another, and a base unit. An arm on a rear end side is connected to the base unit rotatably about a rotation axis, and the hand is rotatably connected to an arm on a front end side. The switching unit switches cylindrical coordinate control for controlling the arm unit such that a trajectory of the hand overlaps with any one of lines radiating from the rotation axis and rectangular coordinate control for controlling the arm unit such that the trajectory of the hand overlaps with none of the lines at a predetermined timing.



No. of Pages : 44 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.420/CAL/2001 A

(19) INDIA

(22) Date of filing of Application :01/08/2001

(43) Publication Date : 02/08/2013

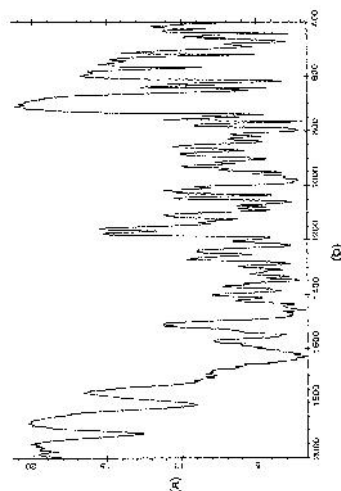
(54) Title of the invention : A PROCESS FOR THE PREPARATION OF POLYMORPH I OF LESOPITRON DIHYDROCHLORIDE FROM POLYMORPH II

(51) International classification :C07D 403/14
(31) Priority Document No :9501086
(32) Priority Date :31/05/1995
(33) Name of priority country :Spain
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :921/CAL/1996
Filed on :21/05/1996

(71)Name of Applicant :
1)LABORATORIES DEL DR. ESTEVE, S.A
Address of Applicant :AVENIDA MARE DE DEU DE
MONTSERRAT, 221, 08041, BARCELONA Spain
(72)Name of Inventor :
1)ROSES PILAR LUPTON
2)NAVARRO JAIME TOMAS
3)TORRES SALVADOR PUIG
4)CONSTANSA JORDI FRIGOLA

(57) Abstract :

The present invention discloses a process for the preparation of polymorph I of Lesopitron dihydrochloride, from polymorph II wherein polymorph II, such as herein described is suspended in a 1 to 4 carbon atom aliphatic alcohol, mono or polyhydroxylated, and is stirred at a temperature between 25 and 80°C, preferably at 55°C, for a time comprising between 4 and 24 hours, and it is subsequently cooled to 25°C in 1 hour, to obtain polymorph I.



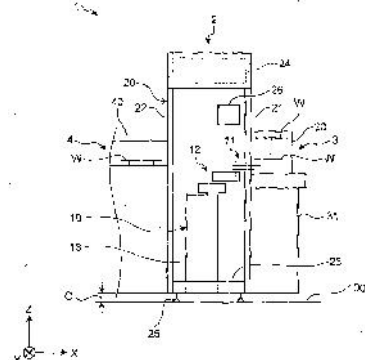
No. of Pages : 23 No. of Claims : 3

(54) Title of the invention : ROBOT HAND AND ROBOT

| | | |
|---|--------------|--|
| (51) International classification | :B25J15/00 | (71)Name of Applicant : |
| (31) Priority Document No | :2012-014387 | 1)KABUSHIKI KAISHA YASKAWA DENKI |
| (32) Priority Date | :26/01/2012 | Address of Applicant :2-1, KUROSAKI-SHIROISHI, |
| (33) Name of priority country | :Japan | YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806- |
| (86) International Application No | :NA | 0004 JAPAN |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)ANDO, RYUJI |
| (61) Patent of Addition to Application Number | :NA | 2)HINO, KAZUNORI |
| Filing Date | :NA | 3)FURUTANI, AKIHIRO |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A robot hand according to embodiments includes a holding unit, a bottom end, an optical sensor, and a reflecting member. The holding unit holds a thin-plate-shaped workpiece. In the bottom end, its leading part is coupled to the holding unit and its tail part is rotatably coupled to an arm. The optical sensor is provided in the bottom end and has a projector and a photoreceiver. The reflecting member is provided in the holding unit. The reflecting member reflects light from the projector, makes it pass through the holding area of the workpiece, and makes it reach the photoreceiver to form an optical path.



No. of Pages : 42 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.88/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :27/01/2012

(43) Publication Date : 02/08/2013

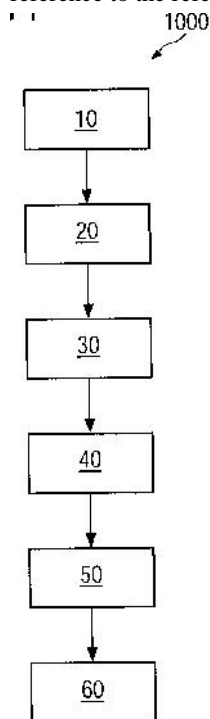
(54) Title of the invention : A TECHNIQUE FOR ASSESSING CONDITIONS OF X-RAY DETECTORS

(51) International classification :G01N23/20
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :WITTELSBACHERPLATZ 2 80333
MÜNCHEN GERMANY
(72)**Name of Inventor :**
1)MANIVANNAN SUNDARAPANDIAN
2)VINAYAK YARDI

(57) Abstract :

A method for assessing a present condition of a detector is presented. In the method, an image with the detector is acquired in which a plurality of areas is selected wherein each area contains substantially same number of pixels. A numerical value for each area is computed and subsequently a probability distribution of the resulting numerical values is estimated. In the probability distribution, a present shape representing a distribution of the numerical values is identified. Finally, the present shape so identified is compared with a reference shape wherein the reference shape corresponds to a shape of a probability distribution in a known condition of the detector. In the method, the present condition is derived from the present shape so determined with reference to the reference shape.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.94/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :31/01/2012

(43) Publication Date : 02/08/2013

(54) Title of the invention : A HERBAL COMPOSITION HAVING HEPATOPROTECTIVE ACTIVITY

| | | |
|---|-------------|---|
| (51) International classification | :A61K127/00 | (71) Name of Applicant : 1)LALMUANZOVA |
| (31) Priority Document No | :NA | Address of Applicant :CHAWNGTE P, LAWNGTLAI- |
| (32) Priority Date | :NA | 796770, MIZORAM, INDIA |
| (33) Name of priority country | :NA | (72) Name of Inventor : |
| (86) International Application No | :NA | 1)LALMUANZOVA |
| 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 herbal composition for treatment of liver disorder, the composition comprising of either a whole plant or leaves of *Ampelocissus latifolia* (Roxb.) Planch., *Lantana camera* L., *Eupatorium odoratum* L., *Achyranthes aspera* L., and *Tridax procumbens* L.. The process for the preparation of said composition is also disclosed herein.

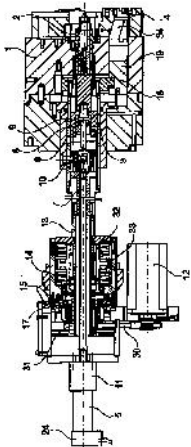
No. of Pages : 16 No. of Claims : 9

(54) Title of the invention : CHUCK

| | | |
|---|-------------|--|
| (51) International classification | :B23B31/12 | (71)Name of Applicant : |
| (31) Priority Document No | :10 2012 | 1)RÖHM GMBH |
| (32) Priority Date | 100 821.3 | Address of Applicant :HEINRICH-RÖHM-STRASSE 50, D- |
| (33) Name of priority country | :01/02/2012 | 89567 SONTHEIM/BRENZ, GERMANY |
| (86) International Application No | :Germany | (72)Name of Inventor : |
| Filing Date | :NA | 1)TAGLANG, JOHANN |
| (87) International Publication No | :NA | 2)HANGLEITER, EUGEN |
| (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 chuck, in particular a claw chuck for gripping crankshafts, comprising an axially moveable center point (2) guided in the chuck body (1) and jaws (4) that are moveable radially relative to the chuck longitudinal axis (3). An electric motor (5) is provided to axially move the center point (2).



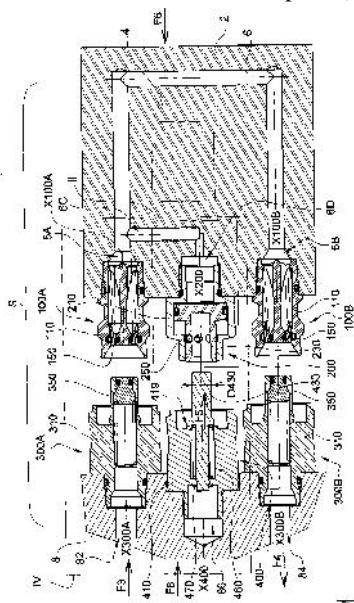
No. of Pages : 16 No. of Claims : 17

(54) Title of the invention : COOLING SYSTEM WITH COOLANT CIRCULATION DUCT

| | | |
|---|-------------|---|
| (51) International classification | :F25B41/04 | (71) Name of Applicant : |
| (31) Priority Document No | :12 50921 | 1)STAUBLI FAVERGES |
| (32) Priority Date | :31/01/2012 | Address of Applicant :PLACE ROBERT ST.,UBLI, F- |
| (33) Name of priority country | :France | 74210 FAVERGES/France |
| (86) International Application No | :NA | (72) Name of Inventor : |
| Filing Date | :NA | 1)TIBERGHIE ALAIN CHRISTOPHE |
| (87) International Publication No | : NA | 2)DURIEUX CHRISTOPHE |
| (61) Patent of Addition to Application Number | :NA | 3)MOREL FR'D'RIC |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

This system (S) comprises a heat exchange plate (2) defining a coolant circulation duct (6) and equipped on the one hand with connector elements (100A, 100B), and on the other hand with a volume compensating device (200) comprising a piston (230) mounted able to slide sealably relative to the plate, between a first retracted position and a second forward position. The system comprises means (8, 82, 84, 300A, 300B) for supplying the duct with coolant, said means comprising connector elements (300A, 300B) complementary to those of the plate (2). A maintaining member (400), which is secured to a first complementary connector element (300A), locks the piston (230) in its first position, when the first connector element of the plate (100A) and the first complementary connector element (300A) are coupled, and keeps the piston (230) in its first position, during separation of the first connector element of the plate (100A) and the first complementary connector element (300A).



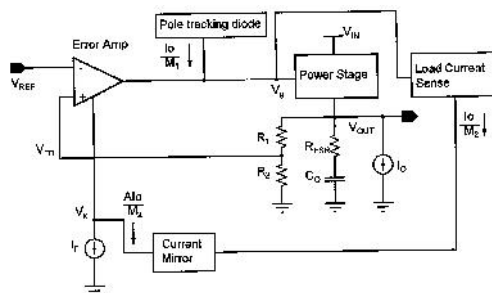
No. of Pages : 27 No. of Claims : 14

(54) Title of the invention : AN ADAPTIVELY BIASED, SELF-COMPENSATED, UNCONDITIONALLY STABLE, AREA EFFICIENT LOW DROP OUT (LDO) VOLTAGE REGULATOR.

| | | |
|---|-------------|---|
| (51) International classification | :G05F 1/565 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)INDIAN INSTITUTE OF TECHNOLOGY,KHARAGPUR |
| (32) Priority Date | :NA | Address of Applicant :SPONSORED RESEARCH & INDUSTRIAL CONSULTANCY,INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR-721302,WEST BENGAL,INDIA. |
| (33) Name of priority country | :NA | |
| (86) International Application No | :NA | |
| Filing Date | :NA | |
| (87) International Publication No | : NA | (72)Name of Inventor : |
| (61) Patent of Addition to Application Number | :NA | 1)MAITY,ASHIS |
| Filing Date | :NA | 2)PATRA,AMIT |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A low drop out (LDO) voltage regulator is disclosed for regulating voltage and more particularly regulating a low drop out voltage. The low dropout voltage involves gain enhanced amplifier means and adaptive biasing technique for effective voltage regulation. The said voltage regulator comprises a gain enhanced operational trans-conductance amplifier type error amplifier for receiving a constant input reference voltage and feedback output voltage and generating a control voltage for power stage and load current sensing circuit, a power stage adapted for receiving signal from the gain enhanced error amplifier and generating a constant output voltage and supplying current to load, a load current sensing circuit and current mirror circuit for sensing the load current and thereby adaptively biasing the amplifier in the voltage regulator based on the sensed load current and a feedback network provided at the output of the power stage and configured to sense the output voltage and generates the feedback output. The said voltage regulator also includes a pole tracking diode operatively connected between the error amplifier and the power stage to favour the controlling the voltage of the power stage.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.405/CAL/2001 A

(19) INDIA

(22) Date of filing of Application :26/07/2001

(43) Publication Date : 02/08/2013

(54) Title of the invention : A CONTAINER FOR CHILLED GOODS

(51) International classification :B60H 1/32

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :NA

Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :1539/CAL/1995

Filed on :28/11/1995

(71)Name of Applicant :

1)COOL PACK SYSTEM CORP

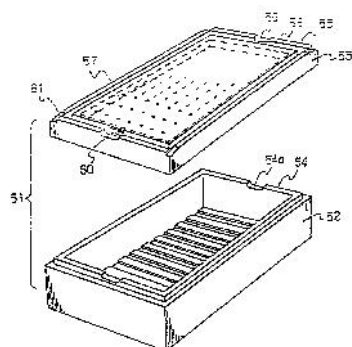
Address of Applicant :11-5, KYOBASHI 2-CHOME,
CHUO-KU, TOKYO Japan

(72)Name of Inventor :

1)MITSUO TAKASUGI

(57) Abstract :

A foamed plastic container (51) used for chilled goods, comprises a foamed-plastic container body (52) and a foamed-plastic lid (53) which one is hollow to form a liquefied gas supply area and provided with a snow supporter (57) in its bottom and/or side surface, said snow supporter being constructed of a gas-permeable material such as perforated panels, mesh members, net members and like materials, or constructed of a gas-impermeable thin material such as aluminum foil, synthetic resin sheet or thin panels, metal sheet, non-woven fabrics and like materials, said container body and/or said lid being provided with a liquefied gas supply port (60) into which a nozzle for supplying a liquefied gas to said liquefied gas supply area is inserted.



No. of Pages : 49 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.96/KOL/2013 A

(19) INDIA

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

(43) Publication Date : 02/08/2013

(54) Title of the invention : A MILLING TOOL AS WELL AS A MILLING INSERT

| | | |
|---|-------------|--|
| (51) International classification | :B23C5/20 | (71)Name of Applicant : |
| (31) Priority Document No | :1250060-9 | 1)SANDVIK INTELLECTUAL PROPERTY AB |
| (32) Priority Date | :30/01/2012 | Address of Applicant :S-811 81 SANDVIKEN, SWEDEN |
| (33) Name of priority country | :Sweden | (72)Name of Inventor : |
| (86) International Application No | :NA | 1)NORSTEDT, ANDERS |
| Filing Date | :NA | 2)SUNNVIVUS, ULRIK |
| (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 :

In one aspect, the invention relates to a double-sided, indexable milling insert comprising two rake faces (31), between which there extends a circumferential clearance face (32) that, in transitions to the rake faces, together with the same, forms peripheral cutting edges (33), each rake face (31) including lock means (41) for rotationally securing the milling insert in one of several index positions. Along the periphery of the individual rake face (31), a plurality of tangentially spaced-apart cutting edges (33) are formed, which individually rise at an acute pitch angle from a first end (34) toward a second one (35), a rake surface (36) positioned radially inside the individual cutting edge following the cutting edge by rising from a lower boundary line (37) to a crest (38), via which the same transforms into a declining shoulder surface (41), which serves as a rotationally securing lock means. In addition, each rake face (31) comprises individual bearing surfaces (43), which are situated between pairs of adjacent rake surfaces (36) and on a different level from the same. In a further aspect, the invention also relates to a milling tool that is equipped with one or more milling inserts of the kind in question.

No. of Pages : 36 No. of Claims : 25

(54) Title of the invention : A CONTROLLED SHUNT REACTOR FOR REDUCING LOSSES IN SWITCH-OVER VOLTAGES IN LONG TRANSMISSION LINES

(51) International classification :H01F30/02
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)BHARAT HEAVY ELECTRICALS LIMITED

Address of Applicant :REGIONAL OPERATIONS
 DIVISION (ROD), PLOT NO.9/1, DJBLOCK, 3RD FLOOR,
 KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
 HAVING ITS REGISTERED OFFICE AT BHEL HOUSE,
 SIRI FORT, NEW DELHI-110049, INDIA

(72)Name of Inventor :

1)RAJIV CHALOLI GOPINATH

2)CHANDRA SHEKAR SURYA NARAYANA RAO

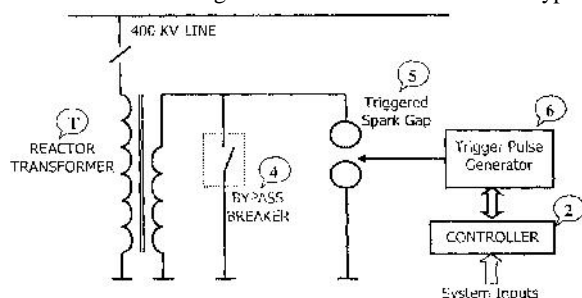
3)DIPAK DUTTA

4)CHANDANAND DAMODAR KHODAY

5)NAGARAJAN SUBRAMANIAN

(57) Abstract :

A controlled shunt reactor (CSR) for reducing loss in switch-over voltage in long transmission lines, comprising: a triggered spark gap connected across the secondary of the CSR; a bypass circuit breaker (4) provided in parallel to the spark gap; a controller for issuing switching commands to said spark gap through a trigger pulse unit; characterized in that said controller (2) provides a trigger command to the trigger pulse generator (6) which in turn generates trigger pulses to the spark gap (5) to trigger the gap within 5ms and during the transfer of current to said bypass circuit breaker (4).



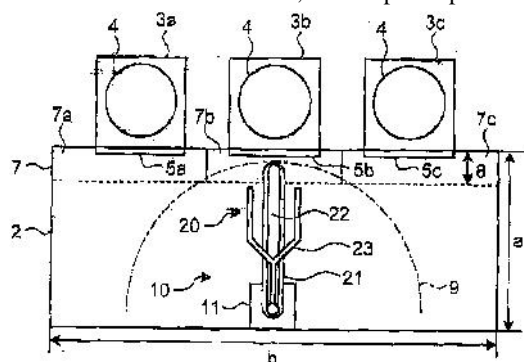
No. of Pages : 16 No. of Claims : 2

(54) Title of the invention : TRANSFER SYSTEM

| | | |
|---|--------------|--|
| (51) International classification | :H04L25/08 | (71)Name of Applicant : |
| (31) Priority Document No | :2012-018981 | 1)KABUSHIKI KAISHA YASKAWA DENKI |
| (32) Priority Date | :31/01/2012 | Address of Applicant :2-1, KUROSAKI-SHIROISHI, |
| (33) Name of priority country | :Japan | YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806- |
| (86) International Application No | :NA | 0004 JAPAN |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)SHIN DAISUKE |
| (61) Patent of Addition to Application Number | :NA | 2)KIMURA YOSHIKI |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A transfer system according to an embodiment includes a transfer room, a robot, a trajectory generator, a determination unit, and an output unit. The transfer room has an exclusive area defined by a predetermined distance. The robot has an arm unit that is equipped with a robot hand transferring a thin plate-like workpiece and that operates in horizontal directions. The robot is installed in the transfer room so that a minimum turning area of the arm unit overlaps with a part of the exclusive area. The transfer system generates a trajectory of the robot hand, then determines, based on the generated trajectory, whether a part of the arm unit is included in the exclusive area, and outputs a predetermined signal.



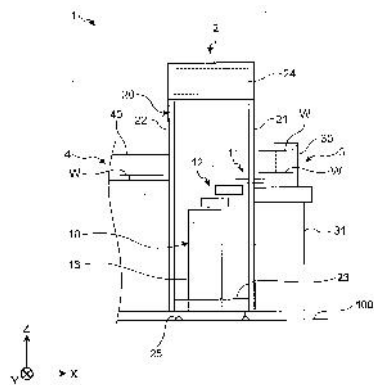
No. of Pages : 47 No. of Claims : 14

(54) Title of the invention : ROBOT SYSTEM

| | | |
|---|--------------|---|
| (51) International classification | :G06F19/00 | (71)Name of Applicant : |
| (31) Priority Document No | :2012-011967 | 1)KABUSHIKI KAISHA YASKAWA DENKI |
| (32) Priority Date | :27/01/2012 | Address of Applicant :2-1, KUROSAKI-SHIROISHI, |
| (33) Name of priority country | :Japan | YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-004 Japan |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)KIMURA YOSHIKI |
| (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 robot system according to the embodiments includes a robot that includes a hand including a gripping mechanism that grips a thin plate-shaped work and an arm that moves the hand, and a robot control apparatus that controls the robot. The robot control apparatus, when causing the robot to transfer the work at a predetermined work transfer position by controlling the robot, performs a presence/absence confirmation of the work by operating the gripping mechanism while causing the hand to retract after the hand reaches the work transfer position.



No. of Pages : 63 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.64/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :18/01/2013

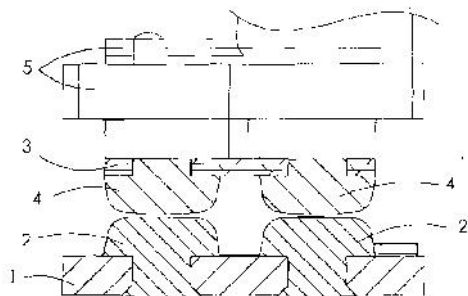
(43) Publication Date : 02/08/2013

(54) Title of the invention : CONTACT ARRANGEMENT FOR HIGH-POWER ELECTRICAL SWITCHING DEVICE

| | | |
|---|-------------|--|
| (51) International classification | :H01H33/68 | (71)Name of Applicant : |
| (31) Priority Document No | :10 2012 | 1)JOHNSON ELECTRIC S.A. |
| (32) Priority Date | :27/01/2012 | Address of Applicant :BAHNHOFSTRASSE 18, CH-3280 |
| (33) Name of priority country | :Germany | MURTEN SWITZERLAND |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)HOEHNE VOLKMAR |
| (87) International Publication No | : NA | 2)GASSMANN JOERG |
| (61) Patent of Addition to Application Number | :NA | 3)HEINRICH SOEREN |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

In a contact arrangement for high-power electrical switching devices having at least two circular contact piece pairs in a convex/flat or convex/convex contact piece pair of contact pieces directly connected in parallel, mechanically and electrically in a circuit. A central recess, the largest diameter of which is approximately 1/5 of the contact diameter of a contact piece, is provided in the contact surface of at least one contact piece partner of a contact piece pair. In a convex/concave or flat/concave contact piece pair of contact pieces, however, a positive projection is arranged within the centre of the concave contact surface of a contact piece partner, the largest diameter of which is approximately 1/5 of the contact diameter of the contact piece.



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

**PUBLICATION U/S.60 IN RESPECT OF APPLICATION FOR
RESTORATION OF PATENTS (KOLKATA)**

Notice is hereby given that application for restoration of under mentioned Patents have been allowed and said Patents are restored.

| Sl.No. | Appln. No. | Patent No. | Applicants | Title | Date of Publication U/R.84(3) | Appropriate Office |
|--------|---------------------|------------|------------------------|---|----------------------------------|--------------------|
| 1. | IN/PCT/2001/227/KOL | 208401 | CONOCOPHILLIPS COMPANY | A SEMI AUTOMATIC COKE DRUM DEHEADER DEVICE FOR USE ON A COKE DRUM | 11/09/2009 | Kolkata |
| 2. | 101/KOL/2005 | 207134 | SOUMEN ROY CHOUDHURY | A NATURAL RESIN BASED ADHESIVE | 20/07/2012 | KOLKATA |

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

| Serial Number | Patent Number | Application Number | Date of Application | Date of Priority | Title of Invention | Name of Patentee | Date of Publication of Abstract u/s 11(A) | Appropriate Office |
|---------------|---------------|--------------------|---------------------|------------------|---|--|---|--------------------|
| 1 | 191148 | 1447/DEL/1995 | 03/08/1995 | | PROCESS FOR THE PREPARATION OF A HIGHLY INTERCONNECTED POROUS SHAPED GELATIN MATRIX | NATIONAL INSTITUTE OF IMMUNOLOGY | | DELHI |
| 2 | 256763 | 7953/DELNP/2006 | 02/06/2005 | 03/06/2004 | A COMPOSITION FOR ENHANCING CORROSION RESISTANCE OF A TIN-BASED SURFACE AND METHOD THEREOF | ENTHONE INC. | 27/04/2007 | DELHI |
| 3 | 256764 | 938/DEL/2001 | 10/09/2001 | 29/09/2000 | INK COMPOSITION, PROCESS FOR PRODUCING SUCH COMPOSITION AND METHOD OF PRINTING ON TO A SUBSTRATE THEREWITH | DOMINO PRINTING SCIENCES PLC | 13/03/2009 | DELHI |
| 4 | 256768 | 12/DEL/2005 | 03/01/2005 | | A BOTTOM DRAWER FOR REFRIGERATOR | WHIRLPOOL OF INDIA LIMITED | 16/06/2006 | DELHI |
| 5 | 256769 | 4205/DELNP/2008 | 30/08/2006 | 17/11/2005 | PROCESS FOR MAKING DIARYL CARBONATE | SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. | 01/08/2008 | DELHI |
| 6 | 256770 | 1446/DEL/2006 | 19/06/2006 | | A PROCESS FOR PREPARING NATURAL GAS | BRIJ BHAN SINGH YADAV,NA,NA,N.A,NA | 22/02/2008 | DELHI |
| 7 | 256771 | 2076/DEL/2005 | 04/08/2005 | 04/09/2004 | SPECIFIC MIXTURES OF N, N-BIS (2-HYDROXYALKYL)-4-TOLUIDINE DERIVATIVES THEIR PREPARATION AND USE | LANXESS DEUTSCHLAND GMBH | 31/07/2009 | DELHI |
| 8 | 256772 | 5668/DELNP/2007 | 19/01/2006 | 19/01/2005 | SOLID TITANIUM CATALYST COMPONENT, CATALYST FOR POLYMERIZATION OF OLEFIN AND PROCESS FOR PRODUCING OLEFIN POLYMER | mitsui chemicals, inc. | 10/08/2007 | DELHI |
| 9 | 256773 | 5169/DELNP/2008 | 06/12/2006 | 19/12/2005 | CURABLE FLUORINATED COPOLYMERS AND COATINGS AND PROCESSES THEREOF | LANXESS DEUTSCHLAND GMBH,DAIKIN INDUSTRIES, LTD. | 08/08/2008 | DELHI |

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| 10 | 256774 | 3234/DELNP/2007 | 07/10/2005 | 07/10/2004 | STABILISED OXYGEN RELEASING COMPOSITION | NGEN PHARMACEUTICALS N.V | 24/08/2007 | DELHI |
| 11 | 256775 | 1121/DELNP/2007 | 02/08/2005 | 03/08/2004 | HUMAN MONOCLONAL ANTIBODIES AGAINST HUMAN IL-4 | NOVARTIS AG. | 27/04/2007 | DELHI |
| 12 | 256783 | 3229/DELNP/2006 | 12/11/2004 | 14/11/2003 | METAL POLYMER COMPOSITE, A METHOD FOR ITS EXTRUSION AND SHAPED ARTICLES MADE THEREFROM | WILD RIVER CONSULTING GROUP, LLC | 24/08/2007 | DELHI |
| 13 | 256784 | 4760/DELNP/2006 | 10/03/2005 | 11/03/2004 | PROCESS FOR PRODUCING HETEROLOGOUS POLYPEPTIDES | GENENTECH, INC. | 31/08/2007 | DELHI |
| 14 | 256787 | 7898/DELNP/2006 | 10/09/2004 | 10/09/2004 | A CAGE HAVING A PLURALITY OF CUTOUTS AND A PROCESS FOR PRODUCING THE CAGE THEREOF | GKN DRIVELINE INTERNATIONAL GMBH | 17/08/2007 | DELHI |
| 15 | 256791 | 3428/DELNP/2005 | 18/02/2004 | 18/02/2003 | FILTER CONTAINING A METAL PHTHALOCYANINE AND A POLYCATIONIC POLYMER | FILLIGENT LIMITED | 18/12/2009 | DELHI |
| 16 | 256792 | 1409/DEL/2006 | 14/06/2006 | | A METHOD OF DESIGNING INTERNAL SPIRAL RIBS AND SPIRAL RIBS DUCT THEREOF | DURA-LINE INDIA PVT. LTD. | 17/11/2006 | DELHI |
| 17 | 256797 | 1879/DEL/2004 | 29/09/2004 | 14/10/2003 | A MOTORCYCLE HAVING A TRANSMISSION OPERATED BY SELECTING EITHER AN AUTOMATIC OR A MANUAL SHIFT MODE | HONDA MOTOR CO., LTD. | 19/06/2009 | DELHI |
| 18 | 256800 | 5981/DELNP/2005 | 22/09/2004 | 26/09/2003 | A BALANCER DRIVEN GEAR OF AN ENGINE | HONDA MOTOR CO.,LTD | 18/09/2009 | DELHI |
| 19 | 256802 | 2740/DEL/2006 | 20/12/2006 | 20/12/2005 | APPARATUS FOR INCREASING THE BRAKING POWER OF A MULTIPLE-CYLINDER INTERNAL- COMBUSTION ENGINE OF A VEHICLE | MAN TRUCK & BUS OSTERREICH AG | 24/08/2007 | DELHI |
| 20 | 256804 | 550/DELNP/2008 | 20/06/2006 | 21/06/2005 | AMIDE DERIVATIVE FOR USE AS INSECTICIDE | mitsui chemicals, inc. | 11/07/2008 | DELHI |
| 21 | 256807 | 1007/DEL/2002 | 01/10/2002 | | IMPROVED PROCESS FOR PRODUCING 4-4'- [1H-1,2,4-TRIAZOL-1- YLMETHYLENE] BISBENZONITRILE (LETROZOLE). | M/S. IND-SWIFT LABORATORIES LIMITED | 28/01/2005 | DELHI |

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| 22 | 256814 | 3341/DELNP/2006 | 10/11/2004 | 10/11/2003 | DETOXIFIED PNEUMOCOCCAL NEURAMINIDASES AND USES THEREOF | UAB RESEARCH FOUNDATION | 31/08/2007 | DELHI |
| 23 | 256816 | 2665/DELNP/2004 | 09/04/2003 | 09/04/2002 | A VALVE MANIFOLD FOR A PRESSURE SWING ADSORPTION SYSTEM | LUMMUS TECHNOLOGY INC. | 09/10/2009 | DELHI |
| 24 | 256818 | 313/DELNP/2007 | 28/06/2005 | 30/06/2004 | PROCESS FOR PREPARING GRANULES COMPRISING A BETA-LACTAM ANTIBIOTIC | DSM IP ASSETS B.V. | 17/08/2007 | DELHI |
| 25 | 256821 | 8423/DELNP/2007 | 11/05/2006 | 13/05/2005 | FUNGICIDE 2-PYRIDYL-METHYLENE-CARBOXAMIDE DERIVATIVES | BAYAER CROPSCIENCE S.A. | 04/07/2008 | DELHI |
| 26 | 256822 | 5901/DELNP/2005 | 24/06/2004 | 18/07/2003 | A PNEUMATIC SUPPORT | PROSPECTIVE CONCEPTS AG | 23/04/2010 | DELHI |
| 27 | 256825 | 147/DEL/1997 | 20/01/1997 | | AN IMPROVED ENTRY GUIDE FOR FEEDING STEEL BARS INTO ROLL-PASSES OF STRUCTURAL ROLLING MILLS | STEEL AUTHORITY OF INDIA LTD.,RESEARCH & DEVELOPMENT CENTRE | 30/10/2009 | DELHI |
| 28 | 256826 | 5701/DELNP/2006 | 28/02/2005 | 01/03/2004 | PROCESS FOR PRODUCING PHOSPHOLIPID CONTAINING LONG CHAIN POLYUNSATURATED FATTY ACID AS CONSTITUENT THEREOF AND UTILIZATION OF THE SAME | SUNTORY HOLDINGS LIMITED | 22/06/2007 | DELHI |
| 29 | 256827 | 1200/DEL/1997 | 08/05/1997 | 21/02/1996 | METHOD FOR SENSING OBJECT DISTANCE FOR AIR CONDITIONERS | LG ELECTRONICS INC., | 30/10/2009 | DELHI |
| 30 | 256828 | 2329/DEL/1996 | 28/10/1996 | 15/11/1995 | A CHARGE AIR SYSTEM FOR A FOUR-CYCLE INTERNAL COMBUSTION ENGINE | TURBODYNE SYSTEMS, INC., | 20/03/2009 | DELHI |
| 31 | 256830 | 2446/DEL/1998 | 20/08/1998 | 02/02/1998 | A TWIN TOWER GAS DRYING SYSTEM | WESTINGHOUSE AIR BRAKE COMPANY | 30/10/2009 | DELHI |
| 32 | 256831 | 362/DEL/2005 | 18/02/2005 | | A ROCK BOLT FOR REINFORCING ROCK STRATA IN A ROOF OR SIDE OF MINE OR TUNNEL | COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH | 29/12/2006 | DELHI |
| 33 | 256833 | 3327/DELNP/2006 | 19/11/2004 | 19/11/2003 | NOVEL AGENTS FOR THE PREVENTION OF LEISHMANIOSIS | INSTITUT DE RECHERCHE POUR LE DEVELOPPEMENT (IRD) | 20/04/2007 | DELHI |
| 34 | 256835 | 345/DEL/2007 | 20/02/2007 | 05/04/2006 | A DISPOSABLE UNIT FOR PROCESSING PRODUCTS | MILLIPORE AKTIEBOLAG | 12/10/2007 | DELHI |

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

| Serial Number | Patent Number | Application Number | Date of Application | Date of Priority | Title of Invention | Name of Patentee | Date of Publication of Abstract u/s 11(A) | Appropriate Office |
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| 1 | 256801 | 370/MUMNP/2008 | 02/08/2006 | 02/08/2005 | METAL OXIDE COATING OF WATER INSOLUBLE INGREDIENTS | SOL-GEL TECHNOLOGIES LTD | 26/06/2009 | MUMBAI |
| 2 | 256809 | 223/MUM/2006 | 14/03/2006 | | A PROCESS FOR THE PREPARATION OF ISOMERS OF 11-[3-(DIMETHYLAMINO) PROPYLIDENE]-6,11-DIHYDRODIBENZ[b,e] OXEPIN-2-ACETIC ACID HYDROCHLORIDE | USV LIMITED | 28/11/2008 | MUMBAI |
| 3 | 256824 | 2269/MUM/2007 | 19/11/2007 | | A PNEUMATIC AIR ROTOR DRIVEN WATER PUMP | SHRI GAJANAN INVENTION AND ADVANCED RESEARCH CENTER | 25/01/2008 | MUMBAI |
| 4 | 256832 | 491/MUM/2008 | 11/03/2008 14:31:56 | | A DEVICE FOR MOUNTING AND REMOVING COIL SPRING OF SHOCK ABSORBER ASSEMBLY AND METHOD THEREOF | TATA MOTORS LIMITED | 04/04/2008 | MUMBAI |
| 5 | 256834 | 2120/MUM/2006 | 22/12/2006 16:17:47 | 26/12/2005 | METHODS OF MANUFACTURING POLYTRIMETHYLENE NAPHTHALATES (PTNS) | EI DUPONT DENEMOURS AND COMPANY | 25/07/2008 | MUMBAI |
| 6 | 256836 | 285/MUMNP/2008 | 21/09/2005 | 29/07/2005 | AN OVERFLOW SHUTOFF VALVE FOR LIQUEFIED PETROLEUM GAS CONTAINER | SHIN II-HWAN | 07/03/2008 | MUMBAI |

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| Serial Number | Patent Number | Application Number | Date of Application | Date of Priority | Title of Invention | Name of Patentee | Date of Publication of Abstract u/s 11(A) | Appropriate Office |
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| 1 | 256761 | 1516/CHENP/2008 | 14/09/2006 | 29/09/2005 | METHOD OF PROCESSING WOOD AND COMPRESSED WOOD PRODUCT | OLYMPUS CORPORATION | 28/11/2008 | CHENNAI |
| 2 | 256762 | 282/CHENP/2007 | 21/07/2005 | 23/07/2004 | SULFONANILIDES OF FORMULA IA AS AGRICULTURAL AND HORTICULTURAL FUNGICIDE | BAYER CROPSCIENCE AG | 24/08/2007 | CHENNAI |
| 3 | 256765 | 2839/CHENP/2004 | 19/06/2003 | 20/06/2002 | A METHOD OF FLOCCULATING A BACILLUS CELL WITH DIVALENT SALT | NOVOZYMES BIOPHARMA DK A/S | 10/12/2010 | CHENNAI |
| 4 | 256766 | 5941/CHENP/2007 | 06/04/2004 | 08/04/2003 | A PROCESS FOR PRODUCING A PHARMACEUTICAL COMPOSITION | MITSUBISHI TANABE PHARMA CORPORATION,NOVARTIS AG | 27/06/2008 | CHENNAI |
| 5 | 256777 | 1419/CHE/2008 | 11/06/2008 16:24:41 | 13/06/2007 | BOBBIN CARRIER SYSTEM OF A SPINNING MACHINE | KABUSHIKI KAISHA TOYOTA JIDOSHOKKI | 21/08/2009 | CHENNAI |
| 6 | 256778 | 702/CHE/2007 | 03/04/2007 | | A FLUID LEVEL SENSOR | PRICOL LIMITED | 09/01/2009 | CHENNAI |
| 7 | 256779 | 229/CHE/2008 | 28/01/2008 16:28:51 | | RATCHET SCREWDRIVER | CHIA-YUN LIN | 16/05/2008 | CHENNAI |
| 8 | 256780 | 4656/CHENP/2006 | 16/06/2005 | 18/06/2004 | LUBRICATING OIL COMPOSITION | SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. | 29/06/2007 | CHENNAI |
| 9 | 256782 | 688/CHE/2005 | 03/06/2005 | 04/06/2004 | PROCESS FOR UPGRADING A GASOLINE FRACTION AND TRANSFORMING IN GASOILS WITH ADDITIONAL TREATMENT FOR INCREASING THE EFFICACY OF GASOIL FRACTION | INSTITUT FRANCAIS DU PETROLE | 20/07/2007 | CHENNAI |
| 10 | 256785 | 2358/CHE/2006 | 19/12/2006 | | METHOD TO DELETE MAIL ATTACHMENTS | SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED | 28/11/2008 | CHENNAI |
| 11 | 256786 | 4410/CHENP/2006 | 27/05/2005 | 01/06/2004 | EPOXY ADHESIVE COMPOSITION | DOW GLOBAL TECHNOLOGIES LLC | 29/06/2007 | CHENNAI |
| 12 | 256793 | 1197/CHENP/2004 | 22/09/2003 | 22/09/2003 | PICTURE CODING APPARATUS, PICTURE DECODING APPARATUS AND THE METHODS | NA | 06/01/2006 | CHENNAI |

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| 13 | 256795 | 3210/CHENP/2004 | 10/06/2003 | 12/06/2002 | FLEXIBLE PROPYLENE COPOLYMER COMPOSITIONS HAVING A HIGH TRANSPARENCY | BASELL POLYOLEFINE GMBH | 03/03/2006 | CHENNAI |
| 14 | 256798 | 4070/CHENP/2006 | 07/04/2005 | 05/05/2004 | MOLDING COMPOUND FOR MOLDINGS WITH HIGH WEATHER RESISTANCE | EVONIK ROHM GMBH | 29/06/2007 | CHENNAI |
| 15 | 256799 | 224/CHE/2007 | 01/02/2007 | | A SOLID LIGHT GUIDE FOR UNIFORM ILLUMINATION OF DIAL | PRICOL LIMITED | 28/11/2008 | CHENNAI |
| 16 | 256803 | 4302/CHENP/2007 | 10/03/2006 | 30/03/2005 | METHOD AND DEVICE FOR OPERATING A CREEL DESIGNED FOR A WINDING SYSTEM AND CORRESPONDING CREEL | Karl Mayer Textilmaschinen AG | 21/12/2007 | CHENNAI |
| 17 | 256810 | 671/CHENP/2006 | 27/08/2004 | 29/08/2003 | A PROCESS FOR THE PURIFICATION OF TERBINAFINE | NOVARTIS AG | 22/06/2007 | CHENNAI |
| 18 | 256811 | 2783/CHENP/2004 | 11/06/2003 | 13/06/2002 | DISAZO DYES HAVING ADAPTED AFFINITY | CLARIANT FINANCE (BVI) LIMITED | 10/02/2006 | CHENNAI |
| 19 | 256813 | 1725/CHE/2005 | 25/11/2005 | 29/11/2004 | BATTERY LAYOUT STRUCTURE IN ELECTRIC VEHICLE | HONDA MOTOR CO.,LTD | 14/09/2007 | CHENNAI |
| 20 | 256815 | 3069/CHENP/2007 | 07/07/2003 | 11/07/2002 | A MEMORY MANAGEMENT METHOD FOR STORING A DECODED PICTURE IN A BUFFER HAVING A PREDETERMINED SIZE | PANASONIC CORPORATION | 16/11/2007 | CHENNAI |
| 21 | 256817 | 3070/CHENP/2007 | 07/07/2003 | 11/07/2002 | A DECODING METHOD AND APPARATUS FOR DECODING A PREDICTIVELY ENCODED PICTURE SIGNAL OF A MOVING PICTURE SIGNAL COMPOSED OF A PLURALITY OF PICTURES | PANASONIC CORPORATION | 05/10/2007 | CHENNAI |
| 22 | 256819 | 523/CHENP/2004 | 07/07/2003 | 11/07/2002 | PICTURE ENCODING METHOD AND PICTURE DECODING METHOD | PANASONIC CORPORATION | 04/03/2005 | CHENNAI |
| 23 | 256820 | 2202/CHENP/2007 | 21/10/2005 | 22/10/2004 | SPROCKET WITH 1.5 ORDER, AND MULTIPLES THEREOF, VIBRATION CANCELING PROFILE AND SYNCHRONOUS DRIVE EMPLOYING SUCH A SPROCKET | LITENS AUTOMOTIVE PARTNERSHIP | 07/09/2007 | CHENNAI |
| 24 | 256823 | 555/CHENP/2005 | 05/09/2005 | 09/09/2002 | A METHOD FOR PRODUCING A RADIATION PROTECTIVE ARTICLE | MERIDIAN RESEARCH AND DEVELOPMENT | 22/06/2007 | CHENNAI |

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| Serial Number | Patent Number | Application Number | Date of Application | Date of Priority | Title of Invention | Name of Patentee | Date of Publication of Abstract u/s 11(A) | Appropriate Office |
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| 1 | 256767 | 3074/KOLNP/2007 | 24/01/2006 | 24/01/2005 | A METHOD AND APPARATUS FOR THE PREPARATION OF A POLYNUCLEATE METAL COMPOUND | HAASE RICHARD | 07/12/2007 | KOLKATA |
| 2 | 256776 | 3342/KOLNP/2007 | 08/02/2006 | 11/02/2005 | SOLID-PHASE OLIGOSACCHARIDE TAGGING: A TECHNIQUE FOR MANIPULATION OF IMMOBILIZED CARBOHYDRATES | MERCK PATENT GMBH | 21/03/2008 | KOLKATA |
| 3 | 256781 | 4697/KOLNP/2008 | 02/05/2007 | 30/05/2006 | A SUPPORTED CATALYST FOR OLEFIN POLYMERIZATION | NOVA CHEMICALS (INTERNATIONAL) S. A., INEOS EUROPE LIMITED | 13/03/2009 | KOLKATA |
| 4 | 256788 | 4161/KOLNP/2007 | 26/04/2006 | 26/04/2005 | BENZISOXAZOLE PIPERAZINE COMPOUND | HYPNION, INC. | 18/07/2008 | KOLKATA |
| 5 | 256789 | 138/KOL/2005 | 03/03/2005 | 04/03/2004 | STERILIZER CASSETTE HANDLING SYSTEM WITH DATA LINK | ETHICON, INC. | 02/02/2007 | KOLKATA |
| 6 | 256790 | 62/KOL/2005 | 27/11/2002 | 25/12/2001 | A COMMUNICATION DEVICE | NTT DOCOMO INC. | 22/12/2006 | KOLKATA |
| 7 | 256794 | 624/KOLNP/2008 | 10/08/2006 | 23/08/2005 | A HEAT-RESISTANT LOW-EMISSION MULTILAYER SYSTEM FOR TRANSPARENT SUBSTRATES | SAINT-GOBAIN GLASS FRANCE | 14/11/2008 | KOLKATA |
| 8 | 256796 | 3974/KOLNP/2007 | 08/03/2006 | 22/04/2005 | STORAGE CONTAINER FOR GRANULAR OR POWDERY BULK MATERIAL | SCHENCK PROCESS GMBH | 02/01/2009 | KOLKATA |
| 9 | 256805 | 3889/KOLNP/2006 | 16/06/2005 | 17/06/2004 | A METHOD AND A SYSTEM TO PROVIDE CURRENCY CONVERSION DATA TO AN AUTOMATED TELLER MACHINE | FIRST DATA CORPORATION, FEXC O MERCHANT SERVICES, THE WESTERN UNION COMPANY | 22/06/2007 | KOLKATA |
| 10 | 256806 | 2140/KOLNP/2007 | 07/12/2005 | 20/12/2004 | TRANSACTION CARD ASSEMBLIES AND METHODS | FIRST DATA CORPORATION | 07/09/2007 | KOLKATA |
| 11 | 256808 | 2349/KOLNP/2007 | 11/01/2006 | 11/01/2005 | A METHOD FOR COMMUNICATING A DOWNLINK MAP MESSAGE BY A BASE STATION (BS) IN WIRELESS COMMUNICATION SYSTEMS | SAMSUNG ELECTRONICS CO. LTD. | 17/08/2007 | KOLKATA |

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| 12 | 256812 | 2801/KOLNP/2006 | 05/03/2004 | 05/03/2004 | A DATA UNIT SENDER, A DATA UNIT RECEIVER AND A METHOD FOR CONTROLLING A SENDING PEER OF A DATA UNIT TRANSMISSION PROTOCOL | TELEFONAKTIEBOLAGET LM ERICSSON (publ) | 08/06/2007 | KOLKATA |
| 13 | 256829 | 2442/KOLNP/2006 | 29/03/2005 | 30/03/2004 | HEAT GENERATOR COMPRISING A MAGNETO-CALORIC MATERIAL AND THERMIE GENERATING METHOD | COOLTECH APPLICATIONS | 25/05/2007 | KOLKATA |

CONTINUED TO PART- 2