

पेटेंट कार्यालय
का
शासकीय जर्नल

**OFFICIAL JOURNAL
OF
THE PATENT OFFICE**

| | |
|-------------|----------------|
| निर्गमन सं. | 33/2013 |
| ISSUE NO. | 33/2013 |

शुक्रवार
FRIDAY

दिनांक: 16/08/2013
DATE: 16/08/2013

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

16th AUGUST, 2013

CONTENTS

| <i>SUBJECT</i> | | <i>PAGE NUMBER</i> |
|--|---|---------------------------|
| JURISDICTION | : | 20599 – 20600 |
| SPECIAL NOTICE | : | 20601 – 20602 |
| EARLY PUBLICATION (DELHI) | : | 20603 – 20605 |
| EARLY PUBLICATION (MUMBAI) | : | 20606 – 20627 |
| EARLY PUBLICATION (CHENNAI) | : | 20628 – 20633 |
| EARLY PUBLICATION (KOLKATA) | : | 20634 – 20639 |
| PUBLICATION AFTER 18 MONTHS (DELHI) | : | 20640 – 20710 |
| PUBLICATION AFTER 18 MONTHS (MUMBAI) | : | 20711 – 20739 |
| PUBLICATION AFTER 18 MONTHS (CHENNAI) | : | 20740 – 20788 |
| PUBLICATION AFTER 18 MONTHS (KOLKATA) | : | 20789 – 20803 |
| AMENDMENT UNDER SEC.57 (KOLKATA) | : | 20804 |
| PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (DELHI) | : | 20805 – 20807 |
| PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (MUMBAI) | : | 20808 |
| PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (CHENNAI) | : | 20809 – 20811 |
| PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (KOLKATA) | : | 20812 |
| INTRODUCTION TO DESIGN PUBLICATION | : | 20813 |
| DESIGN CORRIGENDUM | : | 20814 |
| COPYRIGHT PUBLICATION | : | 20815 |
| DESIGN ACT 2000 (UNDER SECTION 31) RECTIFICATION OF REGISTER | : | 20816 |
| THE DESIGNS ACT 2000 SECTION 30 DESIGN ASSIGNMENT | : | 20817 |
| REGISTRATION OF DESIGNS | : | 20818 - 20862 |

**THE PATENT OFFICE
KOLKATA, 16/08/2013**

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>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> | <p>❖ Rest of India</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 16/08/2013
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</p> <p>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</p> <p>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</p> <p>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</p> <p>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</p> <p>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 है ।

SPECIAL NOTICE

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

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

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

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

SPECIAL NOTICE

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

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

SPECIAL NOTICE

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

Early Publication:

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.2176/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 16/08/2013

(54) Title of the invention : PACKAGING MACHINE

| | |
|---|-------------|
| (51) International classification | :B65B |
| (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)Akash Pack Tech Pvt. Ltd.
Address of Applicant :Plot No. 89, HSIDC, Sector-59, HSIDC
Industrial Estate, Faridabad- 121 004 India
(72)**Name of Inventor :**
1)SINGH, Pratap

(57) Abstract :

A packaging machine (100) is described. In an embodiment, the packaging machine (100) includes a primary packaging system (102) for forming packages and a secondary packaging system (104) for packing the packages. The secondary packaging system (104) includes a collating system (112) for collating the packages to form a batch of packages, and a weighing system (118) for weighing the batch of packages. The weighing system (118) includes a conveyor unit (304) having a platform (300) and at least one load cell (302) operably coupled to the platform (302) for determining a weight of the batch of packages. The conveyor unit (300) carries the batch of packages from the platform (300) for packing. Further, the secondary packaging machine (102) includes a controller to control operation of the conveyor unit (304) for carrying the batch of packages for packing, based on the weight of the batch of packages.

No. of Pages : 25 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1369/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :08/05/2013

(43) Publication Date : 16/08/2013

(54) Title of the invention : FREE STANDING CRICKET WICKET WITH FLEXIBLE OR DETACHABLE STUMPS

| | | |
|---|-------------|--|
| (51) International classification | :A62B63/00 | (71)Name of Applicant : |
| (31) Priority Document No | :61/660899 | 1)MARK KHAN |
| (32) Priority Date | :18/06/2012 | Address of Applicant :1 CAREY COURT MONTCLAIR, |
| (33) Name of priority country | :U.S.A. | NEW JERSEY 07042 U.S.A. |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)MARK KHAN |
| (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 free standing cricket wicket deployable without penetrating a playing surface is described. In a preferred embodiment, the wicket has three stumps that mimic the behavior of traditional cricket stumps. The stumps are movably joined to a support-mount so that when a ball strikes a stump with sufficient velocity, the stump moves sufficiently to dislodge a bail. A sufficient velocity is one greater than 10% of the maximum velocity typically achieved in a game. The mechanism may also be a detachable mechanism, configured so a ball travelling with sufficient velocity strikes a stump, the stump separates from the mount. A sufficient velocity for this may be a velocity equal to half the maximum velocity attained in an average game. The mechanisms may include a ball-and-socket element and/or rare-earth magnets.

No. of Pages : 37 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.647/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : A COMBINED VOLTAGE CONTROL AND ROTOR POWER CONTROL BASED FLEXIBLE ASYNCHRONOUS AC LINK (FASAL) SYSTEM

| | | |
|---|-------|--|
| (51) International classification | :H01H | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)DR. MOHAMMAD SYED JAMIL ASGHAR |
| (32) Priority Date | :NA | Address of Applicant :DEPARTMENT OF ELECTRICAL |
| (33) Name of priority country | :NA | ENGINEERING, ALIGARH MUSLIM UNIVERSITY, |
| (86) International Application No | :NA | ALIGARH-202 002, Uttar Pradesh India |
| Filing Date | :NA | 2)FARHAD ILAHI BAKHSH |
| (87) International Publication No | :NA | (72)Name of Inventor : |
| (61) Patent of Addition to Application Number | :NA | 1)DR. MOHAMMAD SYED JAMIL ASGHAR |
| Filing Date | :NA | 2)FARHAD ILAHI BAKHSH |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

In the present invention a new flexible asynchronous AC transmission link technology has been developed for two asynchronous independent AC power systems. The flexible asynchronous AC link system abbreviated as FASAL system is a freely-rotating rotating-transformer based AC power transmission or AC tie line system. It is a freely-rotating rotating- transformer which is realised by a wound rotor induction machine and put in between two separate AC power systems to controls the AC power transfer between these power systems which are asynchronous under some or all operating conditions including the difference of frequencies. In this scheme the AC power flow is controlled by varying the voltage and / or rotor power through a rotor power controller circuit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1687/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 16/08/2013

(54) Title of the invention : METHOD FOR ENCODING AND DECODING OF IMAGES USING THEIR SYMMETRY

| | | |
|---|------------------------|---|
| (51) International classification | :G06T1/00, G06T7/00 | (71)Name of Applicant : 1)VINAYAK KACHARDAS BAIRAGI |
| (31) Priority Document No | :NA | Address of Applicant : 'SHIVALIK', 14/3/8 HINGNE |
| (32) Priority Date | :NA | KHURD, MAHADEVNAGAR, NEAR SAMARTHANAGAR |
| (33) Name of priority country | :NA | BUSSTOP, PUNE 411051, MAHARASHTRA, INDIA. |
| (86) International Application No | :NA | 2)ARUN NATHA GAIKWAD |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)VINAYAK KACHARDAS BAIRAGI |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

This invention is related to both a process and a system for compressing symmetric image data. The method for compressing symmetric image data comprises of steps like capturing the image, converting into digital form, reshaping the data into matrix form, determining major axis of symmetry in image data along with its inclination, encoding the symmetric values about major axis of symmetry and stored data values, storing the compressed data in storage memory and retrieving the data for decompression. The system and method for Symmetry Coded Compression for symmetric image data is described in the description and illustrated by the way of drawings. The invention also comprises software for computer readable program that automates a process of Symmetry Coded Compression for symmetric digital images taken by a digital photography device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2573/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :05/08/2013

(43) Publication Date : 16/08/2013

(54) Title of the invention : WAVE TURBINE (WAVE ENERGY CONVERTER)

(51) International classification

:F03B13/14

(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)THAKKAR VINODKUMAR CHAMANLAL

Address of Applicant :PLOT NO. 299, APNA NAGAR - A,
GANDHIDHAM, DISTRICT - KACHCHH, PIN: 370 201,
Gujarat India

(72)Name of Inventor :

1)THAKKAR VINODKUMAR CHAMANLAL

(57) Abstract :

The instant invention deals with solution to technical flaws of existing Wave power generation technique in which the mostly using potential energy of ocean waves which works at lower efficiency. Hence instant invention i.e. WAVE TURBINE (WAVE ENERGY CONVERTER) works with Side-walls (3/L and 3/R) (Figure.10 which creates high pressure and guides the waves towards Rotor-Assembly (Figure No. 4) with acceleration), Base-structure (2) (Figure. 9 which pulls up the waves) also combination of Side-walls (3/L and 3/R) and Base-structure (2) creates high pressure and guides the waves towards Rotor-Assembly (Figure No. 4) with acceleration and other side/back side it creates low pressure it helps Rotor to rotate faster and generate high torque on Shaft (4). When the waves pass trough it strikes Side-walls (R/3 and L/3) and Base-structure (2) simultaneously before reaching the Rotor-Assembly (Figure No. 4). When waves strikes Side-walls (R/3 and L/3) will divert & guide waves towards Rotor-Assembly (5) with more velocity. While Base-structure (2) will lifts up and guide waves towards Rotor-Assembly (Figure. 4) thereby increasing the rotations tremendously. This instant invention WAVE TURBINE (WAVE ENERGY CONVERTER) will prove to be a boon for the human civilization, industries, and economy and in particular energy sector across the globe, as it is economical, having long-term life & low maintenance and has wide areas of application. The instant invention is an outcome of our continuous research, study, experiments, dedication, foresight and sacrifice.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2559/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :02/08/2013

(43) Publication Date : 16/08/2013

(54) Title of the invention : STRAIGHT LINE DETECTION APPARATUS AND METHOD

| | | |
|---|-----------|---|
| (51) International classification | :G06T5/00 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)KPIT CUMMINS INFOSYSTEMS LTD. |
| (32) Priority Date | :NA | Address of Applicant :Plot No: 35/36, Rajiv Gandhi Infotech |
| (33) Name of priority country | :NA | Park, Phase 1, MIDC, Hinjawadi, Pune-41105, |
| (86) International Application No | :NA | MAHARASHTRA, INDIA. |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)JOSEPH, Harold Ebenezer |
| (61) Patent of Addition to Application Number | :NA | 2)BEERUKA, Darshan Kumar |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention provides a method and apparatus for detecting straight lines in a digital image. In one embodiment, a method includes identifying a plurality of candidate points in a digital image including at least one element. The method further includes determining a set of candidate points from the plurality of candidate points corresponding to each of multiple origins in the digital image, where the set of candidate points includes highest number of collinear points. Moreover, the method includes outputting at least one best fit line passing through at least one of multiple sets of candidate points, where the at least one best fit line corresponds to at least one element in the digital image.

No. of Pages : 44 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2466/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 16/08/2013

(54) Title of the invention : TAMPER EVIDENT SEAL FOR ELECTRICAL INSTALLATIONS

| | | |
|---|--------------------------|--|
| (51) International classification | :E05B65/00, G01R11/24 | (71)Name of Applicant : 1)ANSOYABEN A. PATEL |
| (31) Priority Document No | :NA | Address of Applicant :SANKALP OPP. UMayANAGAR |
| (32) Priority Date | :NA | SOCIETY, B/H GREED POWER HOUSE, WADHWAN- |
| (33) Name of priority country | :NA | 363035, Gujarat India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)ANSOYABEN A. PATEL |
| (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 :

Present invention discloses a tamper evident seal for electrical installation comprising: a male part (10) comprising top portion (11), middle portion (12) and bottom portion (13), the bottom portion comprises one straight limb (14) and a pair of V shaped limbs (15,16); a female part (30) for accommodating the male part (10) in a push fit manner, the female part (30) comprising body portion (31) being open at top (32), a pair of locking protrusions (33,34) inside the body portion (31) and pair of supporting portions (35, 36) inside the body portion (31), the supporting portions (35, 36) define passage (37), and a connecting part (20) for connecting male part (10) and female part (20), wherein for sealing purpose the male part (10) is push fitted into female part (30) in such a way that the top portion (11) of male part (10) covers the open top of the body portion (31), the straight limb (14) passes through the passage (37) and V shaped limbs (15,16) get locked by the locking protrusions (33, 34) to restrict the further movement of the male part (10) inside the female part (30).

No. of Pages : 10 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2467/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :25/07/2013

(43) Publication Date : 16/08/2013

(54) Title of the invention : A SEAL WITH TAMPER PROOF MECHANISM FOR ELECTRICAL INSTALLATIONS

| | | |
|---|--------------------------|--|
| (51) International classification | :E05B65/00, G01R11/24 | (71)Name of Applicant : 1)ANSOYABEN A. PATEL |
| (31) Priority Document No | :NA | Address of Applicant :SANKALP OPP. UMayANAGAR |
| (32) Priority Date | :NA | SOCIETY, B/H GREED POWER HOUSE, WADHWAN- |
| (33) Name of priority country | :NA | 363002, DIST.: SURENDRANAGAR, Gujarat India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)ANSOYABEN A. PATEL |
| (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 :

Present invention discloses a seal with tamper proof mechanism (10) for electrical installation comprising: a male part (20) comprising horizontal limb (21) and vertical limb, the horizontal limb (21) comprises protrusion (22), the vertical limb comprises V shaped protrusions (24, 25); a female part (30) for accommodating the male part (20) in a push fit manner, the female part (30) comprising partially open top portion (31) and body portion (33), the top portion comprising protrusion (32), the body portion (33) comprises locking protrusions (34, 35) inside the body portion, and a seal wire (40) being inbuilt in the horizontal limb (21) of the male portion and top portion (31) of the female part for connecting male part (20) and female part (30) and thereby ensuring the proper sealing of the electrical installation, wherein for sealing purpose the male part (20) is push fitted into female part (30) in such a way that the horizontal limb (21) of male part (20) covers the open top of the female port (31), the V shaped protrusions (24, 25) get locked by the locking protrusions (34, 35) to restrict the further movement of the male part (20) inside the female part (30).

No. of Pages : 13 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2369/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :16/07/2013

(43) Publication Date : 16/08/2013

(54) Title of the invention : SHAVING DEVICE WITH COMFORT BAR

| | | |
|---|------------|--|
| (51) International classification | :B26B21/40 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)LASER SHAVING (INDIA) PVT. LTD. |
| (32) Priority Date | :NA | Address of Applicant :5TH FLOOR, MALHOTRA HOUSE, |
| (33) Name of priority country | :NA | OPP. G.P.O., FORT, MUMBAI: 400 001 Maharashtra India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)DAHANUKAR DILIP 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 :

The invention consists of a shaving device with modifications to the shape of its top surface to form a raised linear ridge-like shape named the Comfort Bar. The Comfort Bar prevents the blade edge from scraping the skin. The Comfort Bars raised ridge presses against and indents the surface of the face to result in clean shave with minimal after-shave discomfort .

No. of Pages : 12 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2476/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 16/08/2013

(54) Title of the invention : PROCESS FOR PREPARING FLAVOUR FOR SMOKING IN HOOKAH.

| | | |
|---|------------|---|
| (51) International classification | :A24B15/00 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)RANGOONWALA, MUSTAFA |
| (32) Priority Date | :NA | Address of Applicant :AL AZIZ PALACE, 17TH FLOOR, |
| (33) Name of priority country | :NA | FLAT NO. 1702, JAIL ROAD DONGRI, CHARNULL, |
| (86) International Application No | :NA | MUMBAI - 400009 , MAHARASHTRA, INDIA. |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)RANGOONWALA, MUSTAFA |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Hookah smoking has become a trend nowadays and is famous mainly among youngsters. The present invention relates to a process for preparing flavor for smoking in hookah which would be appreciated and preferred by hookah lovers for smoking in hookah. This flavor comprises of dried rose petals. All these ingredients are taken, processed and mixed in varied quantities to prepare the final flavor for smoking in hookah. The final flavour has a unique quality which is preferred by all hookah lovers. The likely most important part of the present invention that is free from tobacco & nicotine.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2591/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :07/09/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : COSMETIC BASED FORMULATION FROM EXTRACT OF LAGENARIA SICERARIA(MOL) (FAMILY:CURCUBETACEAE) FOR WRINKLING OF SKIN, GIVING A SKIN TIGHTENING EFFECT AND ALSO MOISTURIZING THE SKIN.

| | | |
|---|-----------|--|
| (51) International classification | :A61K8/97 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)KELKAR RUCHA DEVADATTA |
| (32) Priority Date | :NA | Address of Applicant :552, PUNARNAVA, OLD |
| (33) Name of priority country | :NA | RAMDASPETH, NAGPUR-440010. Maharashtra India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)KELKAR RUCHA DEVADATTA |
| (87) International Publication No | : NA | 2)DR. DORLE AVINASH KESHAO |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Cosmetic based formulation from extract of Lagenaria Siceraria(Mol) (Family; Curcubetaceae) for wrinkling of skin, giving a skin tightening effect and also moisturizing the skin, anti ageing and lightening the skin tone in form of Cream, Gel and Peel Off Mask.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2378/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :16/07/2013

(43) Publication Date : 16/08/2013

(54) Title of the invention : METHOD OF ELECTROLYTIC DISSOLUTION OF AUSTENITIC GRADES OF STAINLESS STEELS FOR ELECTRO-DEBURRING AND SIMULTANEOUSLY ELECTRO-POLISHING ON STAINLESS STEELS

| | | |
|---|------------------------|---|
| (51) International classification | :C25F1/00, C25F7/00 | (71)Name of Applicant : 1)ENTREPRENEURSHIP DEVELOPMENT INSTITUTE OF INDIA |
| (31) Priority Document No | :NA | Address of Applicant :NR. VILLAGE BHAT, VIA |
| (32) Priority Date | :NA | AHMEDABAD AIRPORT & INDIRA BRIDGE, P.O. BHAT - |
| (33) Name of priority country | :NA | 382428, DIST - GANDHINAGAR, Gujarat India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)SHAW, KRISHNA, KINKAR |
| (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 described herein a method of electrolytic dissolution of stainless steel particularly austenitic stainless steel for electro-deburring and simultaneously electropolishing, wherein the method is carried out in an electrolyte and passing the (D.C.) direct current from anode to cathode through said electrolyte at suitable temperature.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2480/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 16/08/2013

(54) Title of the invention : TWIN-TYRE REAR WHEELS WITH REVERSE STEERABLE SYSTEM FOR TRUCK CHASSIS.

| | | |
|---|-----------|--|
| (51) International classification | :B62D7/00 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)WAANKHEDE, LALIT |
| (32) Priority Date | :NA | Address of Applicant :GLOBAL NEWGEN WORKS PVT. |
| (33) Name of priority country | :NA | LTD. 1ST FLOOR, YUGANDHARA, VASUNDHARA II CHS |
| (86) International Application No | :NA | LTD., PLOT 13-14, SECTOR-8, KHARGHAR, NAVI |
| Filing Date | :NA | MUMBAI- 410210, MAHARASHTRA, INDIA. |
| (87) International Publication No | : NA | (72)Name of Inventor : |
| (61) Patent of Addition to Application Number | :NA | 1)WAANKHEDE, LALIT |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

It is a Twin Tyre rear axle steerable system, which is reversely synchronized with the Front Steerable Axle and powered by Ancillary Hydraulic lines of front Hydraulic pump and proportionately controlled with certain ratio w.r.t. the angle of the Front Steerable Axle by a close Hydraulic circuit system, in which two Hydraulic Cylinders (1 .Master Cylinder &2.Driven Cylinder) to be linked with Pitman Arm of front Axles steering system drive Arm and second driven Cylinder to be linked with the rear Axle Steering Mechanism, Where input of this Cylinder assures the angular rotation of the Fly Disc and this Fly Disc is powered by another Cylinder which is parallel to the driven Cylinder.This Disc rotation is powered by anotherCylinder and positioned by DrivenCylinder, This way the position of disc provides appropriate linear shift to rear steering Tie Rod and by which the angular position of both the Hubs is achieved which is reversely synchronized with the Front Steerable Axle.

No. of Pages : 23 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2502/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :29/07/2013

(43) Publication Date : 16/08/2013

(54) Title of the invention : EYE- THE BLIND READER

(51) International classification

:G09B21/00

(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)GOVIND BALIRAM MOGHEKAR

Address of Applicant :AT : SHELHAL, POST: TONDCHIR,
TAL: UDGIR DIST: LATUR MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)GOVIND BALIRAM MOGHEKAR

(57) Abstract :

This device works on artificial intelligence interface to electronics circuit. Carbon foil touchpad used for touch function of blind person the brail lippie impose on particular key which sense by blind and then this touch of key send cummand to processor in processor available database this touch Key match to particularly.file form one file and convert into flv or mp3 file and after that it play by using audio player. One socket to that device which is used for headphone blind person listen particular pronounces by using headphone. This whole procedure for blind person to learn basic of various languages. For examples. Marathi, sankrit, telagu, Tamil. Etc. On keypad having all keys imposing brails symbol. And have other four keys used for some other function one is for system switch-OFF. Second key function is to switch-ON the system and other two keys are used for changing mode of language which has for learning.

No. of Pages : 5 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2108/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 16/08/2013

(54) Title of the invention : REDUCTION OF ELECTROMAGNETIC FIELD IN RESONANT CIRCUIT COMPONENTS

| | | |
|---|-----------|--|
| (51) International classification | :H01G2/22 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)ALCON ELECTRONICS PVT LTD. |
| (32) Priority Date | :NA | Address of Applicant :34-B, MIDC INDUSTRIAL ESTATE |
| (33) Name of priority country | :NA | SATPUR NASHIK -422007 Maharashtra India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)SACHDEV ANUPRATTAN ROMESHCHAND |
| (87) International Publication No | :N/A | 2)SACHDEV SIDDHARTH ANUPRATTAN |
| (61) Patent of Addition to Application Number | :NA | 3)JAGTAP MILIND VIJAY |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention relates to a power film capacitor comprising of at least two metallic plate terminals placed substantially parallel to each other, wherein said terminals hold an impregnated capacitor element, such that a shielding strip is fixed to the outer side of said capacitor element.

No. of Pages : 7 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2394/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 16/08/2013

(54) Title of the invention : NANOCARRIER BASED COSMETIC COMPOSITION CONTAINING KOJIC DIPALMITATE AND VITAMINS

| | | |
|---|------------------------|---|
| (51) International classification | :A61K8/00, A61K8/67 | (71)Name of Applicant : 1)ATHAWALE, RAJANI BABU Address of Applicant :1/301, MILLENIUM PARK, HARI OM NAGAR, MULUND (EAST), MUMBAI-400 081, 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)ATHAWALE, RAJANI BABU |
| (87) International Publication No | : NA | 2)SHAH, MANALI |
| (61) Patent of Addition to Application Number | :NA | 3)BIDAMIA, NEHAL |
| Filing Date | :NA | 4)D'LIMA, SAMANTHA |
| (62) Divisional to Application Number | :NA | 5)DESHMUKH, SHALAKA |
| Filing Date | :NA | 6)SINGH, ANJALI |
| | | 7)JADHAV, ANJALI |

(57) Abstract :

The present invention discloses nanocarrier based cosmetic compositions and more particularly to skin-whitening cosmetic compositions comprising kojic dipalmitate and vitamins as active ingredients.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1433/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :16/04/2013

(43) Publication Date : 16/08/2013

(54) Title of the invention : A NOVEL HAIR GRAFT IMPLANTER

| | |
|---|-------------------------|
| (51) International classification | :A61B17/34, A61F2/10 |
| (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)DR. ATODARIA, PRADIPKUMAR RAGHUVIRSINH
Address of Applicant :HARSH-DEEP, 104 of Adarsh Society,
Hajirawala Marg, Lane Opposite S.B.I., Ghod-Dod Road, Surat
Gujarat India
(72)**Name of Inventor :**
1)DR. ATODARIA, PRADIPKUMAR RAGHUVIRSINH

(57) Abstract :

The present invention relates to a novel implanter for hair graft implantation. In particular, the present invention relates to a manually operated implanter which implants a single hair grafts in a curvilinear track with significantly reduced pop-out of the nearby implanted hair grafts.

No. of Pages : 84 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2510/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :29/07/2013

(43) Publication Date : 16/08/2013

(54) Title of the invention : A PROCESS FOR PREPARATION OF ERTAPENEM

| | | |
|---|---------------------------|--|
| (51) International classification | :A61P31/04, C07D477/04 | (71)Name of Applicant : 1)SEQUENT SCIENTIFIC LIMITED Address of Applicant :301, 'DOSTI PINNACLE', 3RD FLOOR, PLOT NO.E7, ROAD NO.22, WAGLE INDUSTRIAL AREA, THANE (W)-400 604 Maharashtra India |
| (31) Priority Document No | :NA | (72)Name of Inventor : 1)ANDREW, GNANAPRAKASAM |
| (32) Priority Date | :NA | 2)SYED IBRAHIM, SHAHUL HAMEED |
| (33) Name of priority country | :NA | 3)KARTHIKEYAN, MURUGESAN |
| (86) International Application No | :NA | 4)GANAPATHY, VEERAMANI |
| Filing Date | :NA | 5)SIVASAMY, THANGAVEL |
| (87) International Publication No | : NA | 6)MICHAEL, SEKAR JEYARAJ |
| (61) Patent of Addition to Application Number | :NA | 7)ARULMOLI, THANGAVEL |
| Filing Date | :NA | 8)DAS, GAUTAM KUMAR |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention relates to a novel process for the preparation of 1 -methylcarbapenem antibiotic, Ertapenem of formula I. The process comprises deprotection of monoprotected Ertapenem acid or its monosodium salt by 2.5% Pd/C to obtain Ertapenem monosodium.

No. of Pages : 10 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2531/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :31/07/2013

(43) Publication Date : 16/08/2013

(54) Title of the invention : SCREW OPERATED BALER DEVICE

| | |
|---|-----------|
| (51) International classification | :B30B9/30 |
| (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)TUSHAR ANANDRAO JADHAV
Address of Applicant :ASHIRWAD BANGLOW, SECTOR
NO. 24, PLOT NO. 52, TELCO KAPPOR HOUSING SOCIETY,
NIGDI PRADHIKARAN, PUNE 411044, MAHARASHTRA,
INDIA.
2)ANANDRAO JAGANNATH JADHAV
(72)**Name of Inventor :**
1)TUSHAR ANANDRAO JADHAV
2)ANANDRAO JAGANNATH JADHAV

(57) Abstract :

A screw operated baler device is disclosed that includes a plurality of screws that are selectively activated by a controlling unit for compressing and ejecting baled material of predefined weight into bundles of predefined shape. A first screw activates a cover plate to open and close a charger box that receives balable material. A second screw activates a first slider plate in a predefined first direction to compress the balable material. The third screw activates a second slider plate in a predefined second direction to compress the balable material. The fourth screw activates a lifter plate to eject a bundle of the baled material from the charger box. The fifth screw selectively activates a locking plate to lock the cover plate over the charger box while compressing the balable material.

No. of Pages : 34 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1986/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 16/08/2013

(54) Title of the invention : IMAGE ENHANCEMENT

| | | |
|---|-----------|--|
| (51) International classification | :G06T5/00 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)KPIT CUMMINS INFOSYSTEMS LTD |
| (32) Priority Date | :NA | Address of Applicant :35 & 36, RAJIV GANDHI INFOTECH |
| (33) Name of priority country | :NA | PARK, PHASE 1, MIDC, HINJEWADI, PUNE 411057, |
| (86) International Application No | :NA | MAHARASHTRA, INDIA. |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | :N/A | 1)DR. VAIDYA, VINAY GOVIND |
| (61) Patent of Addition to Application Number | :NA | 2)MS. GINDI, SANJYOT |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention provides a method and apparatus for selectively enhancing regions in an image. In one embodiment, a digital image is read from an image source and is converted into a desired image model. One or more regions in the image having intensity values of pixels falling outside a pre-determined optimal intensity range are determined. The one or more regions in the image are then enhanced using a modeled light source of an optimal intensity such that the intensity value of pixels corresponding to the one or more regions in the image fall within the pre-determined optimal intensity range.

No. of Pages : 31 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2381/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :16/07/2013

(43) Publication Date : 16/08/2013

(54) Title of the invention : A PROCESS FOR REMOVAL OF IRON OXIDE SCALES FROM STAINLESS STEELS USING THE DESCALING SALT BATH AT ELEVATED TEMPERATURE

| | | |
|---|-----------|---|
| (51) International classification | :C23G1/00 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)ENTREPRENEURSHIP DEVELOPMENT INSTITUTE |
| (32) Priority Date | :NA | OF INDIA |
| (33) Name of priority country | :NA | Address of Applicant :NR. VILLAGE BHAT, VIA |
| (86) International Application No | :NA | AHMEDABAD AIRPORT & INDIRA BRIDGE, P.O. BHAT - |
| Filing Date | :NA | 382428, DIST - GANDHINAGAR, Gujarat India |
| (87) International Publication No | : NA | (72)Name of Inventor : |
| (61) Patent of Addition to Application Number | :NA | 1)SHAW, KRISHNA, KINKAR |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention described herein provides a process for removal of iron oxides scales from austenitic and martensitic grades of a stainless steel using the descaling salt bath at elevated temperature.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2538/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :01/08/2013

(43) Publication Date : 16/08/2013

(54) Title of the invention : COMPREHENSIVE HERBAL FORMULATION FOR SKIN CARE AND PROCESS FOR PREPARATION THEREOF

| | | |
|---|-----------|--|
| (51) International classification | :A61K8/97 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)MRS. ALKA DATTATRAY CHANNE |
| (32) Priority Date | :NA | Address of Applicant :BHAVANI NAGAR, FLAT NO.33, |
| (33) Name of priority country | :NA | NEAR TO DR. LONDHE HOSPITAL, PAITHAN, DISTRICT- |
| (86) International Application No | :NA | AURANGABAD, PIN-431107, MAHARASHTRA. India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)MRS. ALKA DATTATRAY CHANNE |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A Comprehensive Herbal Formulation for Skin Care comprising charcoal as a base of the formulation along with extracts of various herbs and shrubs and a process for the preparation thereof is disclosed hereinabove. The charcoal having medicinal properties is obtained from the plant Azadirachta indica (Neem plant). Various herbs and shrubs used are Ashwagandha, Vekhand, Sandalwood, and Manjishta, khus, Turmeric. Trifala. Lodra, Aloe vera. Tulsi, Nagarmotha, orange powder, rose powder, Neem powder, Jeshtha Madh, Papaya leaf powder, Fullers earth and Anant Mool powder. It is completely herbal cosmetic formulation and is a result of years of experimentation & research. As the formulation is made by the herbs and shrubs hence it carries nil or less side effects; instead enriches the skin with nutrients. It can be utilized by both male and female of all age groups. The present invention relates to an improved and utilitarian cosmetic formulation forming a comprehensive solution to multiple skin problems like pimples, acne, acne scars, dehydrated skin, dull skin, dark skin, wrinkles, freckles, blemishes, sunburns, pigmentation etc.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.464/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :18/02/2013

(43) Publication Date : 16/08/2013

(54) Title of the invention : A MOSQUITO COIL FORMULATION AND A PROCESS FOR PREPARING THE SAME

(51) International classification

:A01N65/26

(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)DR. SHAILENDRA SHIVAJI GURAV

Address of Applicant : 'SADGURU NIWAS', A/P-
KHARSUNDI, TAL- ATPADI, DIST- SANGLI- 415308,
MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)DR. GURAV SHAILENDRA SHIVAJI

2)MRS. GURAV NILAMBARI SHAILENDRA

3)MR. SHENDYE NINAD VIJAYKANT

4)DR. SAKHARWADE SATISH NILKANTHRAO

5)DR. TILLOO SHRIKANT KESHAORAO

6)DR. BURADE KISHORKUMAR BALKRISHNA

(57) Abstract :

The present invention provides a combustible coil or stick formulation for controlling/repelling/killing mosquitoes. The coil or stick formulation of the present invention essentially contains Neem; Vekhand; Tulsi; Ajowan; Coconut shell powder; Saw dust; Cow ghee; Peppermint oil; Lemon grass oil; Cow dung; Starch paste; and Maida. The present invention also provides a simple method for preparing a combustible coil or stick formulation.

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

(54) Title of the invention : SYSTEM TO SECURE PERSONS SAFETY AND MONEY IN AN ATM OR AUTOMATIC MONEY WITHDRAWAL SYSTEM

(51) International classification :G06Q20/00, G07F19/00
 (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)Anirudh Gupta

Address of Applicant :C-2/10 NAND NIKETAN ESSAR TOWNSHIP 27th KM - SURAT HAZIRA ROAD HAZIRA SURAT GUJARAT INDIA.

(72)Name of Inventor :

1)Anirudh Gupta

(57) Abstract :

This is a system to secure personTMs safety and money at an ATM or automatic money withdrawal system by alerting police and/or other appropriate authorities if facing threat or potential threat discreetly by entering Security Access Number(SAN) in place of Personal Identification Number(PIN). Other names for SAN can also be used. SAN is pre-stored by financial institution or organisation managing financial institutionTMs work. PIN is also stored by financial institution or organisation managing financial institutionTMs work. SAN and PIN are two different codes but equal in length. Input obtained is first matched with PIN. If input and PIN match transaction proceeds normally. On unsuccessful match input is matched with SAN. If input and SAN match police and/or other appropriate authorities are alerted for necessary action. Transaction proceeds normally but only fraction of balance in account is made available for withdrawal. If input and SAN donTMt match then transaction is rejected.

No. of Pages : 10 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2548/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :02/08/2013

(43) Publication Date : 16/08/2013

(54) Title of the invention : DISTRIBUTED LOAD BALANCING ARCHITECTURE AND ALGORITHMS FOR VIDEO-ON-DEMAND (VOD) SYSTEMS.

(51) International classification

:H04L29/00

(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)PROF. SUDHIR N. DHAGE

Address of Applicant :FLAT NO. D/502, BUILDING NO. 23,
MHADA HIG BUIDLING, NEAR S.M.SHETTY SCHOOL,
HIRANANDANI, POWAI, MUMBAI-400 076. Maharashtra
India

2)DR. B.B. MESHRAM

(72)Name of Inventor :

1)PROF. SUDHIR N. DHAGE

2)DR. B.B. MESHRAM

(57) Abstract :

Telecommunication Industries believe that the video-on-demand market will spread out heavily in the near future. The service providers are interested in the deployment of video-on-demand (VoD) systems with large numbers of videos. As the number of videos and consumers increases at a VoD systems, two main problems are faced. The first problem is the manual video allocation of multiple copies of videos to the disks, called Video Placement. The second problem is where to forward a newly arrived request to play a video so that the dynamic load amongst disks or arrays of disks is balanced. The computational problems arising in such systems are very large and require appropriate mechanisms for distributing the data among the processors. The goal is to evenly distribute load among the proxy so that the communication among processors should be minimized and optimize the use of recourses of Video on Demands (VoD) Systems. The Previous load balancing algorithms in video servers mainly focus on two resources: storage and network bandwidth. We propose a load balancing algorithm for a distributed interactive Video on demand system. The proposed approach balances load among the proxy servers as well as does internal disk load balancing, to reduce the load on central multimedia server, to reduce storage redundancy among the proxy servers and to maximize the channel utilization.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3181/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :16/07/2013

(43) Publication Date : 16/08/2013

(54) Title of the invention : A PORTABLE HAND HELD AND EXTENDABLE FRUIT HARVESTING DEVICE

(51) International classification

:A01D

(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. ELDHO C.P.

Address of Applicant :M/S. EC ENGINEERING,

THIRUVANIYOOR P.O, PUTHENCROUZ, ERNAKULAM - 682

308 Kerala India

(72)Name of Inventor :

1)MR. ELDHO C.P.

(57) Abstract :

1) A portable hand held device (1) for harvesting and the safe collecting of fruits at any predetermined distance from the planar ground surface comprises i) An extendable central rod (2) having a first end (3) closer to the hand grip (10) and a distal second end (4) opposite to the said first end wherein the said second end (4) is extendable in the longitudinal axis to the said first end (3). ii) The said second distal end (4) comprises a cutting knife means (5) and a sickle hook means (6) extending contiguously outward from the said rod (2) in the latitudinal axis opposite to each other. iii) The said central rod (2) further comprises a fruit gathering flexible and tubular mesh means (7) of variable length extending downwards towards the ground and is attached to the said central rod (2) substantially below the said second distal end (4). iv) A pull rope, mechanical means and/or spring means (8) connected between the said second distal end (4) and the said first end (3) for extending the length of the said central rod (2) to the pre-determined height suitable for the fruit harvesting. v) Fixed holding means (9) for attaching the said knife means (5), sickle hook means (6) and the said mesh means (7) to the said central rod (2) suitable for performing the fruit harvest.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3253/CHE/2013 A

(19) INDIA

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

(43) Publication Date : 16/08/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR AUTOMATICALLY ANALYZING OPERATIONAL DATA USING WEB-BASED MULTI-TENANT PRODUCT INTELLIGENCE FRAMEWORK

| | | |
|---|-------|---|
| (51) International classification | :G06F | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)HCL Technologies Limited |
| (32) Priority Date | :NA | Address of Applicant :HCL Technologies Ltd., 50-53 Greams |
| (33) Name of priority country | :NA | Road, Chennai 600006, Tamil Nadu, India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)Shashidhara Koteshwara |
| (87) International Publication No | : NA | 2)Arvind Kumar Maurya |
| (61) Patent of Addition to Application Number | :NA | 3)Dhanyamraju S U M Prasad |
| Filing Date | :NA | 4)Yogesh Gupta |
| (62) Divisional to Application Number | :NA | 5)Ravi Prasad |
| Filing Date | :NA | 6)Karuna Sharma |

(57) Abstract :

The embodiments herein relate to operational data analysis (ODA) and, more particularly to automate operational data analysis and generate the analysis report for various products using a web-based multi-tenant product intelligence framework. The system allows the user to configure a data collection process, define schema structure, select a data storage for storing the collected data, select or create a data formatting algorithm, and generate a data report to perform the ODA process. Based on the ODA report, appropriate decisions can be taken by an organization.

No. of Pages : 38 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3163/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :15/07/2013

(43) Publication Date : 16/08/2013

(54) Title of the invention : ALT ASM

(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

(71)Name of Applicant :

1)HCL Technologies Ltd.

Address of Applicant :HCL Technologies Ltd., 50-53 Greams Road,Chennai 600006, Tamil Nadu, India

(72)Name of Inventor :

1)APPARAO VARE VENKATA

2)JITENDRA BABU SHIVAGANGAPPA NAGARAJ

3)SRIDHARA BANGALORE RAJAN

4)VIJAYARAGHAVAN SRINIVASAN

(57) Abstract :

The embodiments herein relate to application support management and, more particularly, to improving throughput of the application support management. Various aspects of a process implemented in an organization are analyzed based on incoming tickets/demands and the process is optimized by removing associated functional redundancies.

No. of Pages : 50 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2747/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 16/08/2013

(54) Title of the invention : NANOPARTICLE COMPOSITIONS OF ANTIBACTERIAL COMPOUNDS AND OTHER USES THEREOF

| | | |
|---|------------|--|
| (51) International classification | :A61K31/00 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)Jawaharlal Nehru Centre for Advanced Scientific |
| (32) Priority Date | :NA | Research (JNCASR) |
| (33) Name of priority country | :NA | Address of Applicant :Jakkur Bangalore 560 064 Karnataka |
| (86) International Application No | :NA | India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)JAYANTA HALDAR |
| (61) Patent of Addition to Application Number | :NA | 2)DIVAKARA SIVA SATHYANARAYANA MURTHY |
| Filing Date | :NA | UPPU |
| (62) Divisional to Application Number | :NA | 3)PADMA AKKAPEDDI |
| Filing Date | :NA | 4)GOUTHAM BELAGULA MANJUNATH |

(57) Abstract :

The present disclosure relates to the development of antibacterial compounds and their nanoparticle compositions. Methods of making the compounds and their nanoparticle compositions, their use as medicament for the treatment of bacterial infection and also for suppressing potentially harmful inflammation are disclosed.

No. of Pages : 71 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3227/CHE/2013 A

(19) INDIA

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

(43) Publication Date : 16/08/2013

(54) Title of the invention : COMMERCIAL COOLING SYSTEM USING PHASE CHANGE MATERIALS

| | | |
|---|-------|---|
| (51) International classification | :F25D | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)STALIN JOSEPH |
| (32) Priority Date | :NA | Address of Applicant :32/10, R.C. SOUTH STREET, |
| (33) Name of priority country | :NA | VEERAVANALLUR - 627 426, TIRUNELVELI Tamil Nadu |
| (86) International Application No | :NA | India |
| Filing Date | :NA | 2)PANDI BARATH |
| (87) International Publication No | : NA | (72)Name of Inventor : |
| (61) Patent of Addition to Application Number | :NA | 1)STALIN JOSEPH |
| Filing Date | :NA | 2)PANDI BARATH |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A system and method to facilitate room cooling includes a combined cooling system 102, an overhead tank104, a pump 106 and pot refrigeration 108. The combined cooling system 102 is configured to absorb the heat through the disc shape packed phase change material 204. The combined cooling system 102 includes atleast one phase change material and a copper tube 302 configured to circulate water through the combined cooling system 102.

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

(54) Title of the invention : A SMART SENSOR DRIFTING BUOY NODE WITH INSAT COMMUNICATION FOR METEOROLOGICAL AND OCEANOGRAPHIC APPLICATIONS

| | | |
|---|-------|--|
| (51) International classification | :G01W | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)NATIONAL INSTITUTE OF OCEAN TECHNOLOGY |
| (32) Priority Date | :NA | Address of Applicant :MINISTRY OF EARTH SCIENCES |
| (33) Name of priority country | :NA | (MOES), NIOT CAMPUS, VELACHERY-TAMBARAM MAIN |
| (86) International Application No | :NA | ROAD, NARAYANAPURAM, PALLIKARANAI PO, |
| Filing Date | :NA | CHENNAI - 600 100 Tamil Nadu India |
| (87) International Publication No | : NA | (72)Name of Inventor : |
| (61) Patent of Addition to Application Number | :NA | 1)MR. R. SRINIVASAN |
| Filing Date | :NA | 2)MR. SHLO ZACHARIA |
| (62) Divisional to Application Number | :NA | 3)MR. TATA SUDHAKAR |
| Filing Date | :NA | 4)MISS. T. THAMARAI |
| | | 5)MR. V. GOWTHAMAN |
| | | 6)DR. M.A. ATMANAND |

(57) Abstract :

A Smart Sensor Drifting Buoy Node with INSAT Communication for Meteorological and Oceanographic applications, the said system has a spherical shape structure to minimize rectification of surface waves into net horizontal forces, the said system floats in sea water with atmospheric pressure port on top side, a pneumatic tube being connected to pressure port and pressure sensor, the sea Surface Temperature and conductivity sensors are fixed at bottom side of the float, the drogue being attached on a tether and is connected at bottom centre of the float, drogue ensures drifter buoy node to follow the local current conditions, the said drifter buoy node consists of an embedded system with on board memory, sensors, satellite modem, primary battery pack and power control circuitry , the said embedded system has a built-in clock for scheduling the tasks, the sensors, sensor capsules, the sensor capsules send information by means of frequency to communicates over large length, normally GPS and satellite modems are in off state by power control circuitry, the said sea surface temperature is measured by measuring the resistance of a thermistor, the embedded system activates power control circuitry and power is applied to sensor capsules, drogue presence sensor, atmospheric sensor, conductivity sensor, GPS and satellite modem at every hour, the submergence counter is powered uninterruptedly and the embedded system reads counter value at every 30minutes, the embedded system communicates data to satellite modem via RS232 interface, embedded system disables its power to the subsystems and sensors by deactivating solid state power control circuitry, The embedded system continues in power saving mode till the next measurement event. The submergence sensor and drogue presence sensor indicates data quality. INSAT communication channel is equipped with expanding no nodes to thousands of nos. for observing globally.

No. of Pages : 27 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.753/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :25/06/2013

(43) Publication Date : 16/08/2013

(54) Title of the invention : MULTIFUNCTION WASHER, DISINFECTOR AND STERILIZER FOR OPERATION THEATRE.

| | | |
|---|-----------|--|
| (51) International classification | :B08B3/00 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)SHASHI BHUSHAN SINHA |
| (32) Priority Date | :NA | Address of Applicant :PLOT NO. 1489/4585, IRC VILLAGE, |
| (33) Name of priority country | :NA | BEHIND GAJALAXMI TEMPLE, NEAR TATA GUEST |
| (86) International Application No | :NA | HOUSE, NAYAPALLI, BHUBANESHWAR-751015 Orissa |
| Filing Date | :NA | India |
| (87) International Publication No | : NA | (72)Name of Inventor : |
| (61) Patent of Addition to Application Number | :NA | 1)SHASHI BHUSHAN SINHA |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The Multipurpose Washer, Disinfector and Sterilizer is designed to perform various functions in a single unit. This is suitable for both Critical as well as Non Critical Items and also for Heat as well as Non Heat Sensitive items. The unit is designed to replace at least Four different equipment thus making Sterilization affordable to even the Small Hospitals. The unit utilises the fundamental principles of sterilisation which have been used since long. Formalin and Hydrogen Peroxide are being used for ages and UV is nature's gift to mankind to effective sterilization. The consumable cost also is substantially reduced as it will use the commonly available reagents and steam. The UV Sterilization doesn't incorporate any cost. Thus the unit improves the efficacy of Disinfection and Sterilization process, saves on manpower, space and makes Operation Theatre more safe and user friendly to operate and manage and also operating time is effectively reduced substantially.

No. of Pages : 8 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.811/KOL/2013 A

(19) INDIA

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

(43) Publication Date : 16/08/2013

(54) Title of the invention : ARYLMETHYLIDINE HETEROCYCLICS AS NOVEL ANTIVIRAL AGENTS AGAINST CHIKUNGUNYA VIRAL INFECTION

(51) International classification :A61K31/655
(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)DR. BARIJ NAYAN SINHA
Address of Applicant :DEPARTMENT OF
PHARMACEUTICAL SCIENCES, BIRLA INSTITUTE OF
TECHNOLOGY, MESRA, RANCHI-835215 JHARKHAND
(INDIA)
(72)Name of Inventor :
1)BARIJ NAYAN SINHA
2)SURENDER SINGH JADAV
3)VENKATESAN JAYAPRAKASH

(57) Abstract :

The antiviral screening against Chikungunya vims provided novel compounds active at sub micromolar concentration. The compounds inhibited the virus at 5 µg/ml, 0.1 µg/ml, and 1 µg/ml. Arylalkylidene Rhodanine derivatives of the general formula Ia & Ib Wherein R1 represents H, alkyl, alkoxy, nitro, halo, amino, hydroxyl and thio. R2 represents H, alkyl, alkoxy, nitro, halo, amino, hydroxyl and thio. R3 represents H, alkyl, alkoxy, nitro, halo, amino, hydroxyl, thio. R4 represents H, alkyl, alkoxy, nitro, halo, amino, hydroxyl, thio. R5 represents H, alkyl, alkoxy, nitro, halo, amino, hydroxyl, thio. R6 represents H, alkyl, alkoxy, nitro, halo, amino, hydroxyl are novel compounds, their isomers, their enantiomers and their pharmaceutical acceptable salts or solvates and their pharmaceutical compositions containing such compounds and the use of such compounds and compositions in medicines and process for preparing the same.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.633/KOL/2010 A

(19) INDIA

(22) Date of filing of Application :11/06/2010

(43) Publication Date : 16/08/2013

(54) Title of the invention : A METHOD FOR PRODUCING COLD ROLLED TRANSFORMATION INDUCED PLASTICITY AIDED STEEL

| | |
|---|-----------|
| (51) International classification | :C21D8/02 |
| (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)TATA STEEL LIMITED

Address of Applicant :RESEARCH & DEVELOPMENT
DIVISION, JAMSHEDPUR 831001, Jharkhand India

(72)Name of Inventor :

1)TANMAY BHATTACHARYYA

2)ARUNANSU HALDAR

3)DEBASHISH BHATTACHARJEE

4)SHIV BRAT SINGH

5)WOLFGANG BLECK

6)CHRISTOPH KEUL,

7)FREDERIC HUBER

(57) Abstract :

This invention relates to a method of producing high strength-high uniform elongation cold-rolled Transformation Induced Plasticity (TRIP) aided hot dip galvanized steel sheets for automotive application as crash resistant components.

No. of Pages : 33 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.842/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :15/07/2013

(43) Publication Date : 16/08/2013

(54) Title of the invention : A VISUAL AID SYSTEM FOR CONTROLLING DISTURBING LIGHT ENTERING INTO THE PUPIL FOR COMFORTING LOW VISION PERSON OR LIKE REQUIREMENTS FOR INDUSTRIAL USE.

| | | |
|---|------------|--|
| (51) International classification | :H04N13/00 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)BHATTACHARJEE, RATHIN |
| (32) Priority Date | :NA | Address of Applicant :VILLAGE- KRISHNANAGAR, P.O.- |
| (33) Name of priority country | :NA | NANGULPARA, P.S-KHANAKUL, DIST.- HOOGHLY, PIN- |
| (86) International Application No | :NA | 712406. West Bengal India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)BHATTACHARJEE, RATHIN |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A visual aid system for controlling intensity of disturbing light angled and close to the field of view entering the pupil of the eyes for comforting low vision person and/or like requirements for industrial use. The advancement is directed to provide for a visual aid system whereby for visually constrained persons such as persons with low vision and/or for like industrial applications, there can be desired comfort to the visually constrained persons whereby on one hand the required intensity of light (normal intensity) in the visual field is not affected while on the other hand, the unwanted disturbing light angularly entering into the pupil close to the prime visual field could be effectively controlled to benefit the viewing comfort of such visually challenged persons and avoid irritations and related concerns in working in environments of disturbing and/or multi directional varied light intensities entering the pupil of the eyes alongwith the light required for the prime visual field viewing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.895/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :29/07/2013

(43) Publication Date : 16/08/2013

(54) Title of the invention : SYNERGISTIC HERBAL COMPOSITION FOR THE TREATMENT OF CANCER AND PROCESS OF PREPARING THEREOF

| | | |
|---|------------|---|
| (51) International classification | :A61K36/00 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)AMIYA KUMAR DEY |
| (32) Priority Date | :NA | Address of Applicant :17 TENTULTALA LANE, |
| (33) Name of priority country | :NA | MANKUNDU, HOOGLY, PIN-712139 WEST BENGAL, INDIA |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)AMIYA KUMAR DEY |
| (87) International Publication No | : NA | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention relates to a synergistic herbal composition for the treatment of cancer. More particularly, the present invention relates to the herbal composition for treatment of cancer which is prepared by grinding the leaves and mixing of the solution of grinded leaves of Jaborandi [(Pilocarpus Jaborandi), family- Rutaceae] , Awarhar [(Cajanus Cajan Linn Millsp), Family- Papilionaceae, and Chotokalkasunda [(Cassia Sophera Linn), Family- Caesalpiniaceae. Moreover this invention also relates to the process of preparing the above herbal composition.

No. of Pages : 26 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.548/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :14/05/2013

(43) Publication Date : 16/08/2013

(54) Title of the invention : IMAGE IDENTIFYING AND COMPARING SYSTEM FOR IDENTIFYING AND / OR COMPARING FACIAL IMAGES

| | |
|---|-----------|
| (51) International classification | :G06T7/60 |
| (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)CENTRE FOR DEVELOPMENT OF ADVANCED
COMPUTING, KOLKATA**

Address of Applicant :PLOT - E2/1, BLOCK-GP, SECTOR-
V, SALT LAKE CITY, KOLKATA-700091 West Bengal India

**2)SECRETARY, DEPARTMENT OF ELECTRONICS
AND INFORMATION TECHNOLOGY**

(72)Name of Inventor :

1)MAZUMDER, MR. DEBASIS

2)CHANDA, MR. KUNAL

3)CHAKRABORTY, MS. MUNMUN

4)MITRA, MS. SOMA

(57) Abstract :

An image identifying and comparing system for identifying and/or comparing facial images irrespective of the Pose variation, relative illumination variation and the relative expression variation of the facial image. The said image identifying and comparing system includes imaging devices for capturing image having facial portion and image analyzer for isolating the facial portion from the captured image by involving spectrum analysis wherein the isolated facial image is used in a biometric feature extraction module for providing landmarks on the isolated facial image to facilitate the creation electronic signature of the facial image and thereby favour the facial image identifying and/or comparing process.

No. of Pages : 23 No. of Claims : 15

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.5085/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :05/08/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : CABLE WITH IMPROVED FLAME RETARDANCY

| | |
|---|--------------------|
| (51) International classification | :h01b |
| (31) Priority Document No | :07002225.6 |
| (32) Priority Date | :01/02/2007 |
| (33) Name of priority country | :EPO |
| (86) International Application No | :PCT/EP2008/000683 |
| Filing Date | :29/01/2008 |
| (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)BOREALIS TECHNOLOGY OY

Address of Applicant :P.O. Box 330 FIN-06101 Porvoo
Finland

(72)Name of Inventor :

1)SULTAN Bernt-Ake

2)ROBINSON James Elliott

3)LOYENS Wendy

4)LIEBER Susanna

(57) Abstract :

The present invention relates to a cable comprising one or more insulated conductors which are embedded in a bedding composition having improved flame retardancy. The bedding composition comprises a resin (A) and inorganic filler (B), which is a hydroxide or hydrated compound.

No. of Pages : 24 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5087/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :06/08/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : DEVICE AND METHOD FOR THE TREATMENT OF DISEASED TISSUE SUCH AS TUMOURS

(51) International classification :A61B18/04

(31) Priority Document No :0700560.6

(32) Priority Date :11/01/2007

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2008/000093

Filing Date :11/01/2008

(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)EMCISION LIMITED

Address of Applicant :21 Wilson Street London EC2M 2TD
United Kingdom

(72)Name of Inventor :

1)HABIB Nagy

(57) Abstract :

A device for treating diseased tissue includes a plurality of needles (21) connected to a central shaft (22) via a hub (23), the connection of each needle to the hub including a hinge mechanism so that the needles can open out once the hub is pushed out of a catheter. RF power can be applied so that tissue can be treated via electrodes defined by the needles.

No. of Pages : 29 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5088/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :06/08/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : METHOD OF INHIBITING SCALE FORMATION AND DEPOSITION IN DESALINATION SYSTEMS

| | |
|---|--------------------|
| (51) International classification | :C07C |
| (31) Priority Document No | :11/622,054 |
| (32) Priority Date | :11/01/2007 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No | :PCT/US2008/050492 |
| Filing Date | :08/01/2008 |
| (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)NALCO COMPANY
Address of Applicant :1601 W. Diehl Road Naperville
Illinois 60563-1198 United States of America
(72)**Name of Inventor :**
1)Bhasker B. DAVE
2)Narasimha M. RAO
3)Shunong YANG
4)David A. GRATAN
5)Peter BLOKKER

(57) Abstract :

This invention relates to an improved method of inhibiting corrosion and calcium sulfate and calcium carbonate scaling in thermal and membrane desalination processes. The method includes adding a composition having an oligomeric phosphinosuccinic acid to seawater or recirculation brine in a desalting process to produce water for drinking and industrial applications. The method also includes adding a composition including mono, bis, and oligomeric phosphinosuccinic acid adducts to the desalting process.q

No. of Pages : 27 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5254/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :13/08/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : BLIND RIVET

| | |
|---|--------------------|
| (51) International classification | :f16b |
| (31) Priority Document No | :11/654,123 |
| (32) Priority Date | :16/01/2007 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No | :PCT/US2008/000097 |
| Filing Date | :04/01/2008 |
| (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)TAYLOR Harry E.
Address of Applicant :17 Hickory Hill Road Manchester-by-the-sea MA 01944 United States of America
(72)**Name of Inventor :**
1)TAYLOR Harry E.

(57) Abstract :

A blind rivet design has an exposed mandrel portion modified from the conventional and standardized mandrel to reduce amount and cost of materials required to produce the mandrel, while also minimizing costs related to production, use, and spent mandrel disposal, all while still making use of conventional riveting tools for rivet setting and maintaining rivet performance. To work with the inventive blind rivet design, a conventional riveting tool, i.e., a rivet gun with a replaceable nosepiece, may be utilized, with a modified nose housing attached. The replaceable nosepiece and modified nose housing on the conventional rivet setting tool enables use of a mandrel having a reduced exposed mandrel portion relative to conventional and standardized mandrels. In addition, a modified stepped approach to setting the rivet may also be utilized in conjunction with the inventive rivet design to enable use of an even further reduced exposed mandrel portion.

No. of Pages : 40 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5255/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :14/08/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : USE OF CHITOSANS TO INCREASE NAIL GROWTH RATE•

| | |
|---|--------------------|
| (51) International classification | :c07c |
| (31) Priority Document No | :07102335.2 |
| (32) Priority Date | :14/02/2007 |
| (33) Name of priority country | :EPO |
| (86) International Application No | :PCT/EP2008/051477 |
| Filing Date | :07/02/2008 |
| (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)POLICHEM S.A.
Address of Applicant :50 Val Fleuri L-1526 Luxembourg
(72)**Name of Inventor :**
1)MR. FEDERICO MAILLAND

(57) Abstract :

The present invention is directed to the use of chitosan, a chitosan derivative or a physiologically acceptable salt thereof, to increase nail growth rate. The invention is further directed to the use of chitosans to accelerate nail growth rate during treatment of nail illnesses, nail dystrophy or other nail conditions, in order to shorten considerably the specific treatments of said nail illnesses, nail dystrophy or other nail conditions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5256/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :14/08/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : POLYPEPTIDE COMPRISING A KNOTTIN PROTEIN MOIETY

| | |
|---|--------------------|
| (51) International classification | :c07k |
| (31) Priority Document No | :07003331.1 |
| (32) Priority Date | :16/02/2007 |
| (33) Name of priority country | :EPO |
| (86) International Application No | :PCT/EP2008/001246 |
| Filing Date | :18/02/2008 |
| (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)BioNTech AG
Address of Applicant :HOLDERLINSTR, 8, D-55131
,MAINZ, GERMANY
(72)**Name of Inventor :**
1)BLIND Michael
2)KOLMAR Harald

(57) Abstract :

The present invention is related to a polypeptide comprising a scaffold moiety and a helix moiety, whereby the helix moiety is inserted into the scaffold moiety, the scaffold moiety comprises a knottin protein or at least one fragment thereof, and the amino acid sequence of the polypeptide differs from the amino acid sequence of the knottin protein or at least one fragment thereof.

No. of Pages : 39 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5247/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :13/08/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : COUPLED CHARGE TRANSFER NANOTUBE DOPANTS

| | |
|---|--------------------|
| (51) International classification | :H011 |
| (31) Priority Document No | :60/890,704 |
| (32) Priority Date | :20/02/2007 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No | :PCT/US2008/054372 |
| Filing Date | :20/02/2008 |
| (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)UNIVERSITY OF FLORIDA RESEARCH FOUNDATION INC.
Address of Applicant :223 Grinter Hall Gainesville FL 32611 United States of America
(72)**Name of Inventor :**
1)RINZLER Andrew Gabriel
2)REYNOLDS John R.
3)WALCZAK Ryan M.

(57) Abstract :

Stable charge-transfer doping of carbon nanotubes is achieved using a dopant containing polymer (DCP) wherein the DCP has a multiplicity of dopant moieties that are capable of donating electrons to or accepting electrons from the nanotubes linked to a polymer. The DCP has a sufficient number of dopant moieties connected to the polymer such that when charge transfer equilibrium between a particular dopant moiety and the nanotubes is in a dissociated, or dedoped, state, the dopant moiety remains tethered by a linking moiety to the polymer and remains in the vicinity of the nanotubes as the polymer remains bound to the tube by at least one bound dopant of the DCP. The linking groups are selected to permit the presentation of the dopant moieties to the nanotubes in a manner that is unencumbered by the polymer backbone and can undergo charge transfer doping.

No. of Pages : 19 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5248/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :13/08/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : SHAPE REPRESENTATION USING FOURIER TRANSFORMS

| | | |
|--|--------------------|---|
| (51) International classification | :G01b | (71)Name of Applicant : |
| (31) Priority Document No | :11/654,496 | 1)MONRO Donald Martin |
| (32) Priority Date | :17/01/2007 | Address of Applicant :6 the Lays Goose Street Frome |
| (33) Name of priority country | :U.S.A. | Somerset BA11 6RS United Kingdom |
| (86) International Application No | :PCT/EP2008/050370 | (72)Name of Inventor : |
| Filing Date | :15/01/2008 | 1)MONRO Donald Martin |
| (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 :

A method of approximating the inner or outer boundary of an iris comprises generating an approximate boundary representation (20) comprising atleast squares approximation by a Fourier Series of a function of the angle (D) about a fixed point (A) of the distance of measured points (10) on the boundary from the fixed point (A). More broadly, the method may be used to approximate the shape of any two-dimensional curve or figure.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5249/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :13/08/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : WOUND DRESSING WITH A BACTERIAL ADSORBING COMPOSITION AND MOISTURE HOLDING SYSTEM

(51) International classification :A61k
(31) Priority Document No :11/654,854
(32) Priority Date :18/01/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2008/050027
Filing Date :10/01/2008
(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)ABIGO MEDICAL AB
Address of Applicant :Ekonomivgen 5 S-436 33 Askim
Sweden
(72)Name of Inventor :
1)ROBERTSSON Peter
2)SMITH Jan G.

(57) Abstract :

The invention herein relates to a wound dressing product, combining a hydrophobic fabric, which is to be placed towards the wound, and is capable of binding unwanted microorganisms, and a moisture carrying matrix such as a gel or a foam. The product of the invention is ideal for treatment of drier wounds. It protects the wound and reduces the number of pathogenic microorganisms, without using antimicrobial substances and at the same time adds or traps moisture to the wound both supporting the hydrophobic functioning of the pad and healing in general by keeping the wound moist.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5250/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :13/08/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : SHAPE REPRESENTATION USING COSINE TRANSFORMS

(51) International classification :g01b
(31) Priority Document No :11/654,494
(32) Priority Date :17/01/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2008/050372
Filing Date :15/01/2008
(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)MONRO Donald Martin
Address of Applicant :6 The Lays Goose Street Beckington
Frome Somerset BA11 6RS United Kingdom
(72)Name of Inventor :
1)MONRO Donald Martin

(57) Abstract :

A method of approximating the inner or outer boundary of an iris comprises generating an approximate boundary representation (20) comprising aleast squares approximation by a cosine transform series of a functionof the angle (,) about a fixed point (A) of the distance of measured points (10) on the boundary from the fixed point (A). More broadly, the method may be used to approximate the shape of any two-dimensional curve or figure.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5251/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :13/08/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : PYRIDYL-TRIAZOLOPYRIMIDINE DERIVATIVE OR ITS SALT, PESTICIDE CONTAINING IT AND ITS PRODUCTION PROCESS

| | |
|---|--------------------|
| (51) International classification | :c07c |
| (31) Priority Document No | :2007-034371 |
| (32) Priority Date | :15/02/2007 |
| (33) Name of priority country | :Japan |
| (86) International Application No | :PCT/JP2008/052475 |
| Filing Date | :07/02/2008 |
| (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)ISHIHARA SANGYO KAISHA LTD.

Address of Applicant :12-1 3-15 Edobori 1-chome Nishi-ku
Osaka-shi Osaka Japan

(72)Name of Inventor :

1)HAGA Takahiro

2)KIMURA Hirohiko

3)MORITA Masayuki

4)UEDA Tsuyoshi

5)UEKI Toshihiko

6)KIRIYAMA Kazuhisa

7)YOSHIDA Kotaro

8)HAMAMOTO Taku

(57) Abstract :

To provide a novel pesticide. The present invention provides a pesticide containing a pyridyl-triazolopyrimidine derivative represented by the formula (I) or its salt as an active ingredient:

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5252/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :13/08/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : FUEL

| | |
|---|--------------------|
| (51) International classification | :c07c |
| (31) Priority Document No | :07000823.0 |
| (32) Priority Date | :16/01/2007 |
| (33) Name of priority country | :EPO |
| (86) International Application No | :PCT/EP2008/050407 |
| Filing Date | :15/01/2008 |
| (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)EARTHFLY HOLDING GMBH
Address of Applicant :Rennweg 30 A-6020 Innsbruck
Austria
(72)**Name of Inventor :**
1)PEER Thomas

(57) Abstract :

The invention relates to a fuel having an additive for increasing the calorific value, wherein the additive hardens and the handling of the fuel is thereby improved.

No. of Pages : 10 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5685/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :02/09/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : A METHOD AND A DEVICE FOR FORCIBLY EXPELLING A CORK FROM A BOTTLE OF CHAMPAGNE OR THE LIKE•

| | |
|---|--------------------|
| (51) International classification | :a63b |
| (31) Priority Document No | :07 00997 |
| (32) Priority Date | :13/02/2007 |
| (33) Name of priority country | :France |
| (86) International Application No | :PCT/FR2008/000179 |
| Filing Date | :13/02/2008 |
| (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)FORTUNATO MARC
Address of Applicant :15 Grande Rue Ahuy 21121 France
(72)**Name of Inventor :**
1)FORTUNATO Marc

(57) Abstract :

The invention relates to a method that comprises: a) screwing onto the body of the cork a spherical impact part (16) representing an axial extension thereof; b) orienting and holding the bottle (16) in a predetermined position so that the bottle substantially extends underneath a reference level (18), the impact part (16) protruding above said level; and c) hitting the impact part with a hitting surface (22) located at the end of an arm of a hitting accessory (24), e.g. a golf club. This generates a brisk stress on the cork with an amplitude sufficient for the forced expulsion thereof due to the sole hit against the impact part. The device further includes a stage (10) defining the reference level (18) and means (30) for orienting and holding the bottle (14) in a predetermined vertical or inclined position.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5686/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :02/09/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : SYSTEM AND METHOD FOR APPLYING REDUCED PRESSURE AT A TISSUE SITE

| | |
|---|--------------------|
| (51) International classification | :a61m |
| (31) Priority Document No | :60/900,555 |
| (32) Priority Date | :09/02/2007 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No | :PCT/US2008/001727 |
| Filing Date | :08/02/2008 |
| (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)KCI LICENSING INC.
Address of Applicant :Legal Department Intellectual Property
P.O. Box 659508 San Antonio TX 78265-9508 United States of America
(72)**Name of Inventor :**
1)Keith Patrick HEATON
2)Ian James HARDMAN

(57) Abstract :

The illustrative embodiments described herein are directed to a manually-actuated pump and method for applying reduced pressure at tissue site. The manually-actuated pump includes at least one variable volume chamber that is manually compressible into a plurality of positions. The manually-actuated pump includes a fixed volume chamber in communication with the at least one variable volume chamber. The manually-actuated pump also includes a filter housing having a hydrophobic filter that prevents liquid from entering the at least one variable volume chamber. The fixed volume chamber is coupled to the at least one variable volume chamber via the filter housing. The filter housing is located in between the at least one variable volume chamber and the fixed volume chamber.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5687/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :02/09/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : FINGERPRINTING OF DATA

| | |
|---|--------------------|
| (51) International classification | :g06c |
| (31) Priority Document No | :60/480,687 |
| (32) Priority Date | :23/06/2003 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No | :PCT/US2004/010047 |
| Filing Date | :31/03/2004 |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :383/DELNP/2006 |
| Filed on | :20/01/2006 |

(71)**Name of Applicant :**
1)SONY PICTURES ENTERTAINMENT INC.
Address of Applicant :10202 West Washington Boulevard
Culver City CA 90232 United States of America
2)SONY CORPORATION
(72)**Name of Inventor :**
1)MALIK Sumit
2)SAHI Raja

(57) Abstract :

A fingerprinting apparatus, comprising: a plurality of receiving units to receive a plurality of input datasets, each of the plurality of input datasets divided into a plurality of input segments, at least one of the plurality of input datasets uniquely marked; a selector to select at least one input segment from one of at least two different input datasets of the plurality of input datasets; and at least one combiner to arrange the selected at least one input segment to produce an output dataset having a plurality of output segments, such that the number of output segments is equal to the number of input segments in each input dataset.

No. of Pages : 30 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5688/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :02/09/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : A BREATHABLE INTERFACE SYSTEM FOR TOPICAL REDUCED PRESSURE

(51) International classification :a61b
(31) Priority Document No :60/900,463
(32) Priority Date :09/02/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2008/001726
Filing Date :08/02/2008
(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)KCI LICENSING INC.
Address of Applicant :Legal Department Intellectual Property
P.O. Box 659508 San Antonio TX 78265-9508 United States of
America
(72)Name of Inventor :
1)Timothy Mark ROBINSON
2)Christopher Brian LOCKE

(57) Abstract :

A breathable interface system including an applicator having an aperture therethrough; a drape substantially covering the applicator; a first pad section located between the drape and the applicator; a second pad section substantially covering the aperture and located between the drape and the applicator, the second pad section substantially adjacent to the first pad section; and a fabric layer located at least partially between the second pad section and the drape; and a reduced pressure conduit in communication with one of the first pad section and the fabric layer for providing reduced pressure to the aperture; wherein the drape is secured to the applicator, covering the first pad section, the second pad section, and the fabric layer in a substantially sealed environment.

No. of Pages : 28 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5253/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :13/08/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : RECOMBINANT MALARIA VACCINE

| | |
|---|--------------------|
| (51) International classification | :c12n |
| (31) Priority Document No | :07000710.9 |
| (32) Priority Date | :15/01/2007 |
| (33) Name of priority country | :EPO |
| (86) International Application No | :PCT/EP2008/000203 |
| Filing Date | :11/01/2008 |
| (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)BUJARD Hermann
Address of Applicant :Remlerstrasse 9 69120 Heidelberg
GERMANY
(72)**Name of Inventor :**
1)BUJARD Hermann
2)LUTZ Rolf
3)KAUTH Christian
4)EPP Christian
5)W-HLBIER Ute

(57) Abstract :

The present invention refers to a recombinant malaria vaccine and a method for its manufacture.

No. of Pages : 21 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5398/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :21/08/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : USE OF LACTOBACILLUS CASEI FOR INCREASING THE PROTECTION PROVIDED BY THE INFLUENZA VACCINE•

| | |
|---|--------------------|
| (51) International classification | :c12n |
| (31) Priority Document No | :07/01140 |
| (32) Priority Date | :16/02/2007 |
| (33) Name of priority country | :France |
| (86) International Application No | :PCT/FR2008/000181 |
| Filing Date | :13/02/2008 |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)Name of Applicant :

1)COMPAGNIE GERVAIS DANONE

Address of Applicant :17 boulevard Haussmann 75009

PARIS France

(72)Name of Inventor :

1)SAMSON-VILLEGER Sandrine

2)BOURDET-SICARD Rapha«lle

(57) Abstract :

The invention relates to the use of Lactobacillus casei in orally administrable compositions for increasing protection against influenza after the influenza vaccine, by potentiating the humoral response generated by said vaccine.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5399/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :21/08/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : METHOD AND APPARATUS FOR DETERMINING PLCM IN A MOBILE COMMUNICATIONS SYSTEM•

| | | |
|---|--------------------|--|
| (51) International classification | :h04n | (71)Name of Applicant : |
| (31) Priority Document No | :10-2003-0034236 | 1)LG ELECTRONICS INC. |
| (32) Priority Date | :29/05/2003 | Address of Applicant :20 Yoido-dong Yongdungpo-gu Seol |
| (33) Name of priority country | :Republic of Korea | 150-721 Korea. Republic of Korea |
| (86) International Application No | :PCT/IB2004/001793 | (72)Name of Inventor : |
| Filing Date | :31/05/2004 | 1)AN Jong Hoe |
| (87) International Publication No | : NA | 2)KYUNG Chan Ho |
| (61) Patent of Addition to Application Number | :NA | 3)HAN Kyo Jin |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :5491/DELNP/2005 | |
| Filed on | :28/11/2005 | |

(57) Abstract :

An apparatus and method of assigning a public long code mask (PLCM) to a mobile terminal in a mobile communications network is provided. The invention comprises assigning a first PLCM type, when the PLCM for the mobile terminal is based on an international mobile station identification number that is based on a mobile identification number (MIN) associated with the mobile terminal and assigning a second PLCM type, when the PLCM for the mobile terminal is provided by a service provider .

No. of Pages : 29 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5930/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :15/09/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : COMPOSITIONS COMPRISING (S)-2-AMINO-1-(4-CHLOROPHENYL)-1-[4-(1H-PYRAZOL-4-YL)-PHENYL]-ETHANOL AS MODULATOR OF PROTEIN KINASES•

| | |
|---|--------------------|
| (51) International classification | :c07c |
| (31) Priority Document No | :0704932.3 |
| (32) Priority Date | :14/03/2007 |
| (33) Name of priority country | :U.K. |
| (86) International Application No | :PCT/GB2008/050180 |
| Filing Date | :14/03/2008 |
| (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)ASTEX THERAPEUTICS LIMITED
Address of Applicant :436 Cambridge Science Park Milton Road Cambridge CB4 0QA United Kingdom
2)THE INSTITUTE OF CANCER RESEARCH:ROYAL CANCER HOSPITAL
3)CANCER RESEARCH TECHNOLOGY LIMITED
(72)Name of Inventor :
1)WOODHEAD Steven John
2)REES David Charles
3)FREDERICKSON Martyn
4)GRIMSHAW Kyla Merriom

(57) Abstract :

The invention provides a composition comprising (S) 2-amino-1-(4-chloro-phenyl)- 1-[4-(1H-pyrazol-4-yl)-phenyl]-ethanol, wherein the composition is either substantially free of (R) 2-amino-1-(4-chloro-phenyl)-1-[4-(1H-pyrazol-4-yl)- phenyl]-ethanol or the composition contains a mixture of the (S) and (R) enantiomers in which the (S) enantiomer predominates. Also provided are processes for the preparation of the (S) 2-amino-1-(4-chloro-phenyl)-1-[4-(1H- pyrazol-4-yl)-phenyl]-ethanol, novel process intermediates and methods for making the novel process intermediates.

No. of Pages : 108 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5931/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :14/09/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : ORGANIC TUNGSTEN COMPLEXES•

| | |
|---|--------------------|
| (51) International classification | :c10m |
| (31) Priority Document No | :60/895,792 |
| (32) Priority Date | :20/03/2007 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No | :PCT/US2008/057710 |
| Filing Date | :20/03/2008 |
| (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.T. VANDERBILT COMPANY INC.
Address of Applicant :30 Winfield Street Norwalk
Connecticut 06856 United States of America
(72)**Name of Inventor :**
1)BOUDREAU David

(57) Abstract :

The present invention relates to lubricant compositions containing phosphorus and sulfur free organotungstates. The organotungstates are defined as either the reaction product of a mono-or diglyceride and a tungsten source, or as the reaction product of a secondary amine, a fatty acid derivative, and a tungsten source. These compositions exhibit improved antiwear, corrosion, and antioxidancy properties, particularly in low phosphorus and low sulfur environments.

No. of Pages : 32 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5932/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :14/09/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : AQUEOUS SOLUTION FOR THE TREATMENT OF EXHAUST GASES OF DIESEL ENGINES•

| | | |
|---|--|---|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :c07c :0701305 :23/02/2007 :France :PCT/FR2008/000186 :14/02/2008 : NA :NA :NA :NA :NA | (71)Name of Applicant : 1)TOTAL RAFFINAGE MARKETING Address of Applicant :24 Cours Michelet 92800 Puteaux France (72)Name of Inventor : 1)SCHMELZLE Pierre 2)ORO-URREA Leire 3)ESCOFFIER Stephanie 4)DOUCE Francoise |
|---|--|---|

(57) Abstract :

The present invention relates to the use of a solution for the treatment of exhaust gases at the outlet of on-board or stationary diesel engines. It also relates to its use in any device for the treatment of these exhaust gases, regardless of whether the engines are engines of heavy goods vehicles or engines for light vehicles or also engines for stationary industrial engine applications.

No. of Pages : 12 No. of Claims : 15

(54) Title of the invention : TOLL-LIKE RECEPTOR MODULATORS AND TREATMENT OF DISEASES

(51) International classification :C07D 473/02
(31) Priority Document No :61/151,737
(32) Priority Date :11/02/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/000369
Filing Date :11/02/2010
(87) International Publication No :WO 2010/093436
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)THE REGENTS OF THE UNIVERSITY OF CALIFORNIAAddress of Applicant :OFFICE OF TECHNOLOGY
TRANSFER, 1111 FRANKLIN STREET, 5TH FLOOR.
OAKLAND, CA 94607-5200, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)CARSON, DENNIS A.**2)COTTAM, HOWARD, B.****3)HAYASHI, TOMOKO****4)CHAN, MICHAEL**

(57) Abstract :

Provided herein are small molecule conjugates that are agonists or antagonists of one or more toll-like receptors.

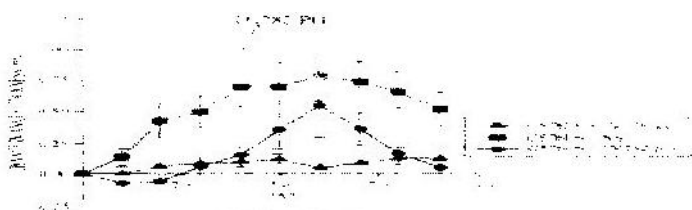


FIG. 11A



FIG. 11B

No. of Pages : 93 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5467/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :25/08/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : WEATHERPROOF BUILDING SHELL

| | |
|---|--------------------|
| (51) International classification | :e04d |
| (31) Priority Document No | :07 405 026.11 |
| (32) Priority Date | :31/01/2007 |
| (33) Name of priority country | :EPO |
| (86) International Application No | :PCT/CH2008/000032 |
| Filing Date | :30/01/2008 |
| (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)POSNANSKY Andr
Address of Applicant :Papierm¹/₄hlestrasse 2b CH-3013 Bern
Switzerland
2)POSNANSKY Frank
(72)**Name of Inventor :**
1)POSNANSKY Mario

(57) Abstract :

The invention relates to a weatherproof building shell, especially a pitched roof, comprising a plurality of rectangular weatherproof shingles which are laid diagonally to mutually overlap in a scale-type fashion in relation to a line of slope. Shingles that overlap in an edge zone at a right angle to the line of slope are set off in relation to each other. The shingles are connected to a supporting structure in a lower corner zone of the shingle in relation to a line of slope, respective sealing elements being arranged on said corner

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5468/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :25/08/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : AZODICARBOXYLIC ACID BIS(2-ALKOXYETHYL) ESTER COMPOUND, AND PRODUCTION INTERMEDIATE THEREOF

| | |
|---|--------------------|
| (51) International classification | :c07c |
| (31) Priority Document No | :2007-052027 |
| (32) Priority Date | :31/01/2007 |
| (33) Name of priority country | :Japan |
| (86) International Application No | :PCT/JP2008/051359 |
| Filing Date | :30/01/2008 |
| (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)Toyo Kasei Kogyo Co. Ltd.

Address of Applicant :Fujita Toyobo Bldg. 7th floor 1-16
Dojima 2-chome Kita-ku Osaka-shi Osaka 530-0003 Japan

2)Hyogo Prefecture

(72)Name of Inventor :

1)KAZUTAKE HAGIYA

2)TAKASHI SUGIMURA

(57) Abstract :

Provided is an industrially safe and useful azodicarboxylic acid bis(2-alkoxyethyl) ester compound that is useful for the Mitsunobu reaction in which it is used in combination with a phosphorus compound to carry out a dehydration condensation reaction, and also useful as an oxidizing agent, and a starting material for various synthetic processes. Also provided are a production intermediate of the above-described compound, and methods for producing these compounds. An azodicarboxylic acid bis(2-alkoxyethyl) ester compound represented by formula (1);

No. of Pages : 35 No. of Claims : 7

(54) Title of the invention : TRANSMISSION OF ACK/NACK AND TRANSMIT POWER CONTROL FEEDBACK IN EVOLVED UTRA

(51) International classification :H04L 5/02
 (31) Priority Document No :60/894,709
 (32) Priority Date :14/03/2007
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2008/003454
 Filing Date :14/03/2008
 (87) International Publication No :WO 2008/112314
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)INTERDIGITAL TECHNOLOGY CORPORATION

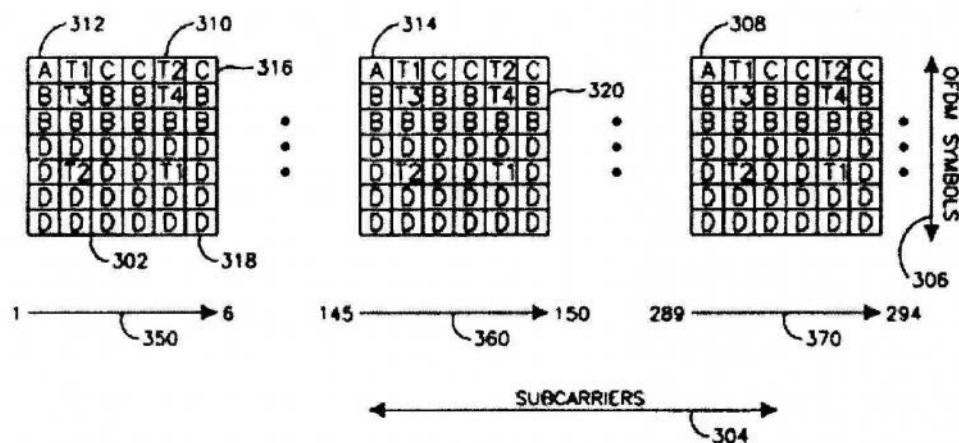
Address of Applicant :3411 SILVERSIDE ROAD,
 CONCORD PLAZA, SUITE 105, HAGLEY BUILDING,
 WILMINGTON, DELAWARE 19810, U.S.A.

(72)Name of Inventor :

1)GRIECO, DONALD, M.**2)ZHANG, GUODONG****3)OLESEN, ROBERT, L****4) TSAI, ALLAN, Y.**

(57) Abstract :

A method for transmitting feedback information for a wireless transmit receive unit (WTRU) includes multiplexing the feedback information with an uplink shared channel, mapping the multiplexed feedback information to OFDM symbols and transmitting the feedback information to an e Node B (eNB). The method also includes multiplexing the feedback information with the uplink shared channel using distributed frequency division multiplexing (FDM), mapping the feedback information to a first orthogonal frequency division multiplex (OFDM) symbol, and distributing the mapped feedback information equidistantly across the transmission bandwidth.

**FIG.3**

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6031/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :21/09/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : ABSORBER FOR SOLAR HEATING AND METHOD FOR PRODUCING AN ABSORBER

| | | |
|---|--------------------|---|
| (51) International classification | :f24j | (71)Name of Applicant : |
| (31) Priority Document No | :10 2007 013 919.7 | 1)ETA 86 SOLAR STEEL AG |
| (32) Priority Date | :20/03/2007 | Address of Applicant :Zugerstrasse 74 6340 Baar |
| (33) Name of priority country | :Germany | Switzerland |
| (86) International Application No | :PCT/EP2008/053213 | (72)Name of Inventor : |
| Filing Date | :18/03/2008 | 1)FISCHER Werner |
| (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 an absorber (10), which can be used to produce heat by means of solar heating, the absorber comprising an upper metal sheet (12) facing the sun and a lower metal sheet (14) facing away from the sun, between which sheets conducting means (18, 54) are provided for the substantially linear and/or homogeneous conduction of a fluid from an inlet (20) to an outlet (24).

No. of Pages : 23 No. of Claims : 11

(54) Title of the invention : PROCESS FOR MAKING AN EMBOSSED WEB

(51) International classification :A61F 13/15
 (31) Priority Document No :61/159,906
 (32) Priority Date :13/03/2009
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2010/026918
 Filing Date :11/03/2010
 (87) International Publication No :WO 2010/105017
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)THE PROCTER & GAMBLE COMPANYAddress of Applicant :ONE PROCTER & GAMBLE PLAZA,
CINCINNATI, OHIO 45202, U.S.A.

(72)Name of Inventor :

1)GRAY, BRIAN FRANCIS**2)STONE, KEITH, JOSEPH****3)VAN VALKENBURGH, CURTIS, HUNTER****4)COE, RICHARD, GEORGE****5)GROSS, SARAH, BETH**

(57) Abstract :

A process for making an embossed web. A precursor web is provided between a forming structure and a static pressure plenum. The forming structure has a plurality of discrete protruded elements. Pressure is provided by the static pressure plenum against the precursor web and the forming structure to conform the precursor web to the discrete protruded elements of the forming structure to form the embossed web. The resulting embossed web has a plurality of discrete extended elements having open proximal ends.

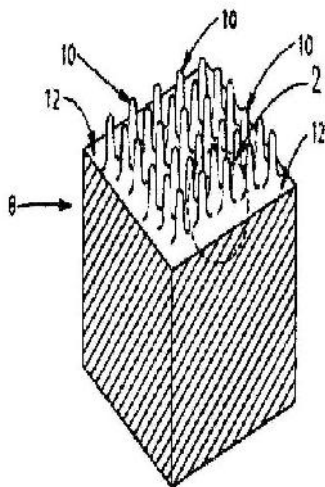


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2410/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :25/08/2011

(43) Publication Date : 16/08/2013

(54) Title of the invention : AN ADVANCED GLAZING OF LONGITUDINAL SLATTED ARRAY CONFIGURATION FOR SOLAR COLLECTOR APPLICATION

| | | |
|---|-------|--|
| (51) International classification | :H02B | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)AMITY UNIVERSITY |
| (32) Priority Date | :NA | Address of Applicant :AMITY UNIVERSITY CAMPUS, |
| (33) Name of priority country | :NA | SECTOR- 125, NOIDA-201303, Uttar Pradesh India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)N.D.KAUSHIKA |
| (87) International Publication No | :NA | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention provides an optimum design and materials of longitudinal slatted arrays as convection suppression device in the transparent insulation glazing of flat plate collectors and its tradeoff characteristic. The longitudinal slat array for flat plate collectors are fabricated by cutting the sheet material into rectangular slats and then resting these slats longitudinally on a square frame of insulated material to form the module of longitudinal slatted arrays wherein the frame of insulated material has its opposite sides grooved to hold the slats.

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

(54) Title of the invention : LIGHT ABSORBING MATERIAL AND PHOTOELECTRIC CONVERSION ELEMENT USING THE SAME

(51) International classification :H01L 31/04
(31) Priority Document No :2009/038224
(32) Priority Date :20/02/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/052439
Filing Date :18/02/2010
(87) International Publication No :WO 2010/095681
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NATIONAL UNIVERSITY CORPORATION KYOTO INSTITUTE OF TECHNOLOGY
Address of Applicant :1, MATSUGASAKI HASHIKAMI-CHO, SAKYO-KU, KYOTO-SHI KYOTO 606-8585 Japan

(72)**Name of Inventor :**
1)SAKI SONODA
2)MASAHIRO YOSHIMOTO

(57) Abstract :

There is provided a new light-absorbing material and a photoelectric conversion element using the same, which are capable of improving conversion efficiency of a solar cell. The light-absorbing material in the present invention is made up of a GaN-based compound semiconductor with part of Ga replaced by a 3d transition metal, and has one or more impurity bands, and whose light absorption coefficient over an overall wavelength region of not longer than 1500 nm and not shorter than 300 nm is not lower than 1000 cm⁻¹.

No. of Pages : 70 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5926/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :15/09/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : METHOD OF REMOVING PHOSPHORUS AND/OR NITROGEN

(51) International classification :c07c
(31) Priority Document No :10-2007-0022701
(32) Priority Date :08/03/2007
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2008/001309
Filing Date :07/03/2008
(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)ENTECHS CO.
Address of Applicant :4th Floor Yeonggwang Bldg. 1228-2
Gaepo 4-dong Gangnam-gu Seoul 135-963 Republic of Korea
(72)Name of Inventor :
1)CHUNG In
2)SUNG Chi-Don

(57) Abstract :

The present invention provides a method of treating wastewater containing phosphorus and/or nitrogen for removing phosphorus and/or nitrogen from the wastewater, including following steps of: (a) introducing wastewater containing phosphorus and/or nitrogen into a an anaerobic reactor, treating the introduced wastewater with anaerobic microorganisms, to produce biogas from organic matters in the wastewater, and then discharging the treated wastewater saturated with carbon dioxide under carbon dioxide partial pressure of 0.2 to 0.5 atm; and (b) injecting the treated wastewater of step (a) into a carbon dioxide stripping apparatus wherein the wastewater is free-fallen to expose the wastewater to ambient condition with carbon dioxide partial pressure of less than 0.001 atm so that carbon dioxide stripping takes place and increase in pH occurs without addition of alkaline substance, and then providing proper pH of 8.4 to 9.6 to form struvite.

No. of Pages : 19 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5927/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :15/09/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : A METHOD OF MONITORING MICROBIOLOGICAL ACTIVITY IN PROCESS STREAMS

| | |
|---|--------------------|
| (51) International classification | :g01n |
| (31) Priority Document No | :11/675,726 |
| (32) Priority Date | :16/02/2007 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No | :PCT/US2008/053976 |
| Filing Date | :14/02/2008 |
| (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)NALCO COMPANY
Address of Applicant :1601 W. Diehl Road Naperville
Illinois 60563-1198 United States of America
(72)**Name of Inventor :**
1)ENZIEN Michael V.
2)RICE Laura E.
3)ASHTON Stephen B.

(57) Abstract :

An apparatus and method for monitoring microbiological activity in a process stream by measuring dissolved oxygen is disclosed. Bulk microbiological activity and surface associated biological activity are measured using this apparatus and method.

No. of Pages : 43 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5928/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :15/09/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : SYSTEM AND METHOD FOR DISTINGUISHING LEAKS FROM A DISENGAGED CANISTER CONDITION IN A REDUED PRESSURE TREATMENT SYSTEM

| | |
|---|--------------------|
| (51) International classification | :a61b |
| (31) Priority Document No | :60/902,267 |
| (32) Priority Date | :20/02/2007 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No | :PCT/US2008/002285 |
| Filing Date | :20/02/2008 |
| (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)KCI LICENSING INC.
Address of Applicant :Legal Department-Intellectual Property
P.O. Box 659508 San Antonio TX 78265-9508 United States of America

(72)**Name of Inventor :**
1)LAWHORN Thomas P.

(57) Abstract :

A reduced pressure treatment system includes a professing unit, a reduced pressure source, and a conduit fluidly connected between the reduced pressure source and a tissue site of a patient. The reduced pressure source is configured to operate at a target power level to apply a reduced pressure to the tissue site. A canister is provided to collect fluid drawn from the tissue site.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8991/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :17/11/2011

(43) Publication Date : 16/08/2013

(54) Title of the invention : METHOD AND DEVICE FOR PRODUCING CONSTRUCTION ELEMENTS

| | | |
|---|--------------------|---|
| (51) International classification | :B41M 7/00 | (71)Name of Applicant : |
| (31) Priority Document No | :10 2009 033 075 | 1)HORMANN KG BROCKHAGEN |
| (32) Priority Date | :03/07/2009 | Address of Applicant :HORSTSTR. 17, 33803 |
| (33) Name of priority country | :Germany | STEINHAGEN, GERMANY |
| (86) International Application No | :PCT/EP2010/004018 | (72)Name of Inventor : |
| Filing Date | :02/07/2010 | 1)BRINKMANN MICHAEL |
| (87) International Publication No | :WO 2011/000576 | |
| (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 structural elements exposed to the effects of weather, such as metallic structural elements, in particular sectional door panels, roll-up door slats or the like, in which method the structural elements which may have already been provided with a base coating, are imprinted.

No. of Pages : 18 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.63/DEL/2012 A

(19) INDIA

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

(43) Publication Date : 16/08/2013

(54) Title of the invention : RECORDING DEVICE AND METHOD OF CONTROLLING A RECORDING DVICE

| | | |
|---|--------------|---|
| (51) International classification | :G09D | (71)Name of Applicant : |
| (31) Priority Document No | :2011-025267 | 1)SEIKO EPSON CORPORATION |
| (32) Priority Date | :08/02/2012 | Address of Applicant :4-1, NISHISHINJUKU 2-CHOME, |
| (33) Name of priority country | :Japan | SHINJUKU-KU, TOKYO 163 - 0811, Japan |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)ARUGA, YUICHI |
| (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 :

High print quality can be maintained and problems resulting from the recording head moving over the recording medium can be prevented. A recording head 18 and a head moving unit including a carriage drive motor 3 5 that moves the recording head 18 reciprocally are provided. A CPU 61 controls recording and moving the recording head 18 relative to a recording medium within the range of recording head 18 movement. If the recording head 18 is at a position separated from the recording medium when recording starts, the CPU 61 moves the recording head 18 over the edge of the recording medium to the start-recording position on the recording medium 100, and sets the maximum speed of the recording head 18 during this movement to a slower speed than the set maximum speed based on the position where movement starts.

No. of Pages : 49 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5946/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :03/08/2011

(43) Publication Date : 16/08/2013

(54) Title of the invention : DATA FLOW MOBILITY

| | |
|---|--------------------|
| (51) International classification | :H04W 36/14 |
| (31) Priority Document No | :61/143,524 |
| (32) Priority Date | :09/01/2009 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No | :PCT/US2010/020452 |
| Filing Date | :08/01/2010 |
| (87) International Publication No | :WO 2010/080966 |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)Name of Applicant :

1)INTERDIGITAL PATENT HOLDINGS, INC.

Address of Applicant :3411 SILVERSIDE ROAD,
CONCORD PLAZA, SUITE 105, HAGLEY BUILDING,
WILMINGTON, DELAWARE 19810, U.S.A.

(72)Name of Inventor :

1)LU, GUANG

2)WATFA, MAHMOUD

3)SHAHEEN, KAMEL, M.

(57) Abstract :

A wireless transmit/receive unit (WTRU) may communicate using a data flow that is defined according to flow identification information (FII). The WTRU may participate in the transfer of the data flow between access networks of diverse radio access technologies. The WTRU may communicate with a mobility function to obtain access network and mobility policy information. The mobility function may be, for example, an Access Network Discovery Function (ANDSF). The mobility policy information may describe the conditions by which the transfer of data flows between access networks may be permitted.

No. of Pages : 62 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5814/DELNP/2009 A

(19) INDIA

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

(43) Publication Date : 16/08/2013

(54) Title of the invention : FLAT RUNNING DEVICE FOR AUTOMOBILE AND MOUNTED ASSEMBLY INCLUDING SAME•

| | |
|---|--------------------|
| (51) International classification | :b60c |
| (31) Priority Document No | :07 02125 |
| (32) Priority Date | :23/03/2007 |
| (33) Name of priority country | :France |
| (86) International Application No | :PCT/FR2008/000360 |
| Filing Date | :19/03/2008 |
| (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)HUTCHINSON

Address of Applicant :2 Rue Balzac 75008 Paris France

(72)Name of Inventor :

1)AUVRAY Stphane

2)MOUTON Stphane

(57) Abstract :

The invention relates to a flat running device to be fitted on a tubeless mounted assembly for an automobile, and to such a mounted assembly including said device. The flat running device (30) of the invention comprises: an annular bearing structure (31) comprising a ring having a radially outside bearing face (31a) for bearing a flat-running tyre cover (20), and at least one tightening belt (32) surrounding the ring so as to maintain the same substantially in contact with a running rim (10), at least one radial reinforcement (31b) being formed in the bearing face, the tightening belt(s) being applied on said reinforcement and being recessed relative to the bearing face. According to the invention,.....

No. of Pages : 29 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5435/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :24/08/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : BIOCOMPATIBLE WOUND DRESSING

| | |
|---|--------------------|
| (51) International classification | :a61k |
| (31) Priority Document No | :11/657,887 |
| (32) Priority Date | :25/01/2007 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No | :PCT/US2008/000596 |
| Filing Date | :17/01/2008 |
| (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)KCI LICENSING INC.
Address of Applicant :Legal Department-Intellectual Property
P.O. Box 659508 San Antonio TX 78265-9508 United States of America
(72)**Name of Inventor :**
1)AMBROSIO Archel
2)JOHNSON Royce W.

(57) Abstract :

A multi-layer reduced pressure delivery apparatus is provided for applying reduced pressure tissue treatment to a tissue site. The multi-layer apparatus includes a tissue contact layer, and a manifold layer. The tissue contact layer includes a scaffold adapted to contact the tissue site, the release layer includes a hydrogel-forming material and a plurality of flow channels, and the manifold layer includes a distribution manifold. The release layer is positioned between the tissue contact layer and the manifold layer to allow easy release of the manifold layer from the tissue contact layer following the administration of reduced pressure tissue treatment.

No. of Pages : 47 No. of Claims : 117

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5436/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :24/08/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : METHOD AND APPARATUS FOR HARVESTING WATER AND LATENT ENERGY FROM A GASEOUS MIXTURE

| | |
|---|--------------------|
| (51) International classification | :f25d |
| (31) Priority Document No | :11/627,216 |
| (32) Priority Date | :25/01/2007 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No | :PCT/US2008/052005 |
| Filing Date | :25/01/2008 |
| (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)THOMPSON Christopher E.
Address of Applicant :342 Loire Valley Drive Simi Valley
CA 93065 United States of America
2)THOMPSON Owen E.
(72)**Name of Inventor :**
1)THOMPSON Christopher E.
2)THOMPSON Owen E.

(57) Abstract :

An apparatus harvests latent energy and water by adiabatically decompressing a controlled volume of atmospheric air to lower its pressure and temperature below the saturation point of included water vapor, thus causing the water vapor to change state to nonvaporous water and release to the decompressed air thermal energy associated with the change of state. The apparatus then extracts the nonvaporous water, leaving the released thermal energy in the decompressed air. The apparatus then recompresses the decompressed air, and harvests the recompressed air and its increased thermal energy. The apparatus can also humidify and warm atmospheric air before it is ingested to increase appreciably the amount of harvested thermal energy.

No. of Pages : 59 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5437/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :25/08/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : INTRAOCULAR LENS•

(51) International classification :b29d
(31) Priority Document No :10-2007-0022871
(32) Priority Date :08/03/2007
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2007/004632
Filing Date :21/09/2007
(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)PARK KYONG JIN
Address of Applicant :503 Gaepo Woosung Apt. 1-1003
Daechi-dong Gangnam-gu Seoul 135-280 Republic of Korea
(72)Name of Inventor :
1)PARK KYONG JIN

(57) Abstract :

Disclosed is an intraocular lens that is inserted inwardly into a capsular sac. One embodiment of the present invention provides an intraocular lens inserted inwardly into a capsular sac including an optic portion including a first optic body whose central region has a smaller thickness than a circumference of the central region and a second optic body coupled to the first optic body and whose central region has the same or higher thickness as/than the first optic body; and a haptic portion including a connection bar coupled to the optic portion and first support bar coupled to a circumference of the connection bar to be in contact with an inner surface of the capsular sac.

No. of Pages : 35 No. of Claims : 44

(54) Title of the invention : PLEUROMUTILIN DERIVATIVES FOR THE TREATMENT OF DISEASES MEDIATED BY MICROBES•

(51) International classification :c12p
 (31) Priority Document No :07450053.9
 (32) Priority Date :20/03/2007
 (33) Name of priority country :EPO
 (86) International Application No :PCT/AT2008/000097
 Filing Date :19/03/2008
 (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)NABRIVA THERAPEUTICS AG
 Address of Applicant :Leberstrasse 20 A-1112 Wien Austria
 (72)Name of Inventor :
1)MANG ROSEMARIE
2)HEILMAYER WERNER
3)BADEGRUBER RUDOLF
4)STRICKMANN DIRK
5)NOVAK RODGER
6)FERENCIC MATHIAS
7)BULUSU ATCHYUTA RAMA CHANDRA MURTY

(57) Abstract :

A compound of formula (I) wherein n is 0 to 4; m is 0 or 1 with the proviso that the sulphur atom and R3 are in vicinal position (if m = 0 then R3 is in position 2', and if m = 1 then R3 is on position 1'); R is ethyl or vinyl; R1 is hydrogen or (C1-6)alkyl, R2 is hydrogen or - (C3-6)cycloalkyl, or - unsubstituted (C1-6)alkyl, or - (C1-6)alkyl substituted by one or more of - hydroxy; preferably one or two, - methoxy, - halogen, - (C3-6)cycloalkyl, or R1 and R2 together with the nitrogen atom to which they are attached form a 5 to 7 membered heterocyclic ring containing at least 1 nitrogen atom or 1 nitrogen and 1 additional heteroatome e. g. selected from N or O, or R1 is hydroxy and R2 is formyl;.....

No. of Pages : 93 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5964/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :16/09/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : MITOCHONDRIAL ALDEHYDE DEHYDROGENASE-2 MODULATORS AND METHODS OF USE THEREOF •

| | |
|---|--------------------|
| (51) International classification | :c07c |
| (31) Priority Document No | :60/905,963 |
| (32) Priority Date | :08/03/2007 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No | :PCT/US2008/003092 |
| Filing Date | :07/03/2008 |
| (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)THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
Address of Applicant :1705 El Camino Real Palo Alto CA 94306-1106 United States of America

(72)**Name of Inventor :**
1)MOCHLY-ROSEN Daria
2)CHEN Che-hong

(57) Abstract :

The present invention provides compounds that function as modulators of mitochondrial aldehyde dehydrogenase-2 (ALDH2) activity; and pharmaceutical compositions comprising the compounds. The present invention provides therapeutic methods involving administering a subject compound, or a subject pharmaceutical composition. The present invention further provides assays for identifying agonists of ALDH2.

No. of Pages : 92 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4988/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :30/07/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : LOCATION, COMMUNICATION AND TRACKING SYSTEMS

| | |
|---|-------------------|
| (51) International classification | :h04n |
| (31) Priority Document No | :512454 |
| (32) Priority Date | :19/06/2001 |
| (33) Name of priority country | :New Zealand |
| (86) International Application No | :PCT/NZ02/00113 |
| Filing Date | :19/06/2002 |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :02225/DELNP/2003 |
| Filed on | :19/12/2003 |

(71)**Name of Applicant :**
1)PAXFLOW HOLDINGS PTE LTD.
Address of Applicant :151 Chin Swee Road Manhattan House
#04-02 Postal Code 169876 Singapore
(72)**Name of Inventor :**
1)LEA Kelvin Edward
2)LOWTHER Jonathan Rae

(57) Abstract :

A system for tracking the location of a large number of persons in an airport or other facility, comprises a plurality of limited range radio transceivers at predetermined locations in the facility together with each person to be located having a transponder. The transponder transmits a radio signal in response to a signal from one of the transceivers and the identity of the transponders responding to each transceiver is stored at periodic intervals so that the approximate location of the transponder can be found quickly.

No. of Pages : 31 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5704/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :03/09/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : REDUCTION OF ENDOTOXIN IN POLYSIALIC ACIDS

(51) International classification :C08B 37/00

(31) Priority Document No :07103275.9

(32) Priority Date :28/02/2007

(33) Name of priority country :EPO

(86) International Application No :PCT/GB2008/050138

Filing Date :28/02/2008

(87) International Publication No :WO 2008/104811

(61) Patent of Addition to Application :NA

Number :NA

Filing Date

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)LIPOXEN TECHNOLOGIES LIMITED

Address of Applicant :LONDON BIOSCIENCE
INNOVATION CENTRE, 2 ROYAL COLLEGE STREET,
LONDON NW1 0NH, U.K.

(72)Name of Inventor :

1)JAIN, SANJAY

2)LAING, PETER

3)GREGORIADIS, GREGORY

(57) Abstract :

The present invention relates to process for reducing the endotoxin content of a sample of fermentation broth containing polysialic acid and endotoxin comprising the sequential steps: (i) adding to sample a base having a pKa of at least 12 to form a basic solution having a pH of at least 12, incubating the solution for a predetermined time at a pre-determined temperature; and (ii) recovery of PSA, suitably by (iii) passing the sample through an anion-exchange column whereby polysialic acid is absorbed on the ion exchange resin; (iv) washing the column with one washing buffer, whereby polysialic acid remains absorbed on the ion exchange resin; and (v) eluting the polysialic acid from the column using an elution buffer to provide a product solution of polysialic acid having reduced endotoxin content.

No. of Pages : 30 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5837/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :10/09/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : UNIDIRECTIONAL GEAR DRIVE

| | |
|---|--------------------|
| (51) International classification | :b60k |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No | :PCT/IB2008/000883 |
| Filing Date | :01/08/2008 |
| (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)JAYASURIYA Leelananda
Address of Applicant :No. 50 Mirissala Pihimbuwa Sri Lanka
(LK)
(72)**Name of Inventor :**
1)JAYASURIYA Leelananda

(57) Abstract :

A mechanical assembly applicable to convert bidirectional motion of an input shaft into unidirectional motion of an output shaft comprising input shaft, intermediate shaft and output shaft, wherein two sets of gearing arranged one after the other, in combination with ratchet and pawl mechanisms driven in opposite directions, with two opposing ratchet wheels fitted to input shaft, each accompanied by a gearwheel driven on bearings on the same shaft with protruded flanges integral to aforesaid gear wheel, carrying spring loaded pawls on flanges to engage with accompanied ratchet wheel. The output shaft is coupled to input shaft by aforesaid gearings, in which 1st gear fitted on input shaft meshes directly with 1st gearwheel fitted on output shaft to turns in clockwise direction only while 2nd gear fitted to input shaft couple the output shaft, by means of intermediate gear arrangement to reserve its direction.

No. of Pages : 10 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5838/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :10/09/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : ADVANCED WASTEWATER TREATMENT PROCESS USING UP & DOWN AEROBIC ANAEROBIC REACTORS OF CHANNEL TYPE

(51) International classification :c02f

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/KR2008/001001

Filing Date :21/02/2008

(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)CHOI Kwang Hoe

Address of Applicant :101-704 Hae-nal APT Dong-Dae Dong
Bo Ryeong City Chung Nam 355-935 KOREA

(72)Name of Inventor :

1)CHOI Kwang Hoe

(57) Abstract :

The present invention relates to the process for advanced wastewater treatment using up & down aerobicanaerobic reactors of channel type in the single reaction tank in which it has the effluent recycle of channel type aeration reactor (internal cycle). For this, the anaerobic reactor of channel type is under the aerobic reactor of channel type in the single reaction tank. And the flow of the wastewater in the single reaction tank is based on the water level difference between inlet and outlet, and the air lift effect of the air diffusers. The partitions of channel type anaerobic reactor and the partitions of channel type aerobic reactor are cross. Consequently, the energy cost is cut down because the wastewater flow does not need much pumping energy. And the site need is reduced because of up & down aerobic anaerobic reactors of channel type in the single reaction tank.

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

(54) Title of the invention : POWER DIVIDER AND POWER COMBINER USING DUAL BAND - COMPOSITE RIGHT / LEFT HANDED TRANSMISSION LINE

| | | |
|---|--------------------|--|
| (51) International classification | :H04N | (71)Name of Applicant : |
| (31) Priority Document No | :10-2006-0138543 | 1)E.M.W. ANTENNA CO. LTD. |
| (32) Priority Date | :29/12/2006 | Address of Applicant :459-24 Gasan-dong Geumcheon-gu |
| (33) Name of priority country | :Republic of Korea | Seoul 153-803 Republic of Korea |
| (86) International Application No | :PCT/KR2007/006872 | (72)Name of Inventor : |
| Filing Date | :27/12/2007 | 1)RYOU Byung Hoon |
| (87) International Publication No | : NA | 2)SUNG Won Mo |
| (61) Patent of Addition to Application Number | :NA | 3)SHIN Dong Ryul |
| Filing Date | :NA | 4)PARK Chang Hyun |
| (62) Divisional to Application Number | :NA | 5)KIM Jeong Pyo |
| Filing Date | :NA | |

(57) Abstract :

The present invention relates to a power divider and a power combiner employing dual band-Composite Right/Left-Handed (CRLH) transmission lines. A power divider including an input terminal and two output terminals according to the present invention includes two transmission lines each having two terminals connected to the input terminal and the output terminals, respectively, and two short-stubs having one terminals connected to the output terminals, respectively, and the other terminals connected to grounds.....

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5178/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :10/08/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : NOVEL PHOSPHODI ESTERASE INHIBITORS

(51) International classification :C07C
(31) Priority Document No :60/903,849
(32) Priority Date :28/02/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/DK2008/000080
Filing Date :26/02/2008
(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)LEO Pharma A/S
Address of Applicant :Industriparken 55 DK-2750 Ballerup
Denmark
(72)Name of Inventor :
1)Jakob Felding
2)Simon Feldb'k Nielsen
3)Jens Christian H_jland Larsen
4)Bollu Ravindra Babu

(57) Abstract :

The present invention relates to a compound according to formula I, wherein X, A, G, E, R1, R2, R3 are as shown herein; and pharmaceutically acceptable salts, hydrates, N- oxides or solvates hereof, said compounds are used as phoshodiesterase inhibitors in particular PDE4 inhibitors. The invention further relates to said compounds for use in therapy, to pharmaceutical compositions comprising said compounds, to methods of treating diseases, e.g. dermal diseases, with said compounds, and to the use of said compounds in the manufacture of medicaments.

No. of Pages : 71 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5909/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :15/09/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : NOVEL VIII FACTORS FOR THE TREATMENT OF HEMOPHILIA A •

(51) International classification :A61k
(31) Priority Document No :0753450
(32) Priority Date :23/02/2007
(33) Name of priority country :France
(86) International Application No :PCT/FR2008/050301
Filing Date :22/02/2008
(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)BIOMETHODES

Address of Applicant :Btiment Genavenir 1 1 rue Pierre
Fontaine F-91058 EVRY CEDEX France

2)HOSPICES CIVILS DE LYON

(72)Name of Inventor :

1)SABOULARD Didier

2)PLANTIER Jean-Luc

3)DELCOURT Marc

4)NEGRIER Claude

5)MENGUY Thierry

6)BLESA Stphane

7)MARIN Sylvie

(57) Abstract :

The present invention relates to improved human FVIII variants having at least one substitution in the A2 and/or C2 domain. The present invention also relates to their uses in the treatment of hemophilia A, particularly in patients with inhibitors.

No. of Pages : 70 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5750/DELNP/2009 A

(19) INDIA

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

(43) Publication Date : 16/08/2013

(54) Title of the invention : PRIMARY AIR SPRING AND SECONDARY LEAF SUSPENSION FOR VEHICLE

(51) International classification :b60g
(31) Priority Document No :60/900,796
(32) Priority Date :07/02/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2008/001685
Filing Date :07/02/2008
(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)RASSINI S.A. DE C.V.
Address of Applicant :Monte Pelvoux #220 Piso 4 Lomas de Chapultepec 11000 Mexico
(72)**Name of Inventor :**
1)JURIGA James Andrew
2)ZIELENIEC Slawomir M.
3)BROOKES Graham R.

(57) Abstract :

A suspension for a vehicle having a chassis rail and a longitudinal axle arranged substantially orthogonal thereto. The vehicle suspension has a primary air-responsive spring that couples between the chassis and the axle of the vehicle. The primary spring can be a coil spring that surrounds an air helper spring. A secondary leaf spring has a first end for pivotally coupling to the chassis of the vehicle at a secondary pivot coupling, and a second end for coupling to the axle. The longitudinal configuration of the secondary leaf spring can be arranged to be angularly displaced with respect to a chassis rail of the vehicle.

No. of Pages : 40 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5751/DELNP/2009 A

(19) INDIA

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

(43) Publication Date : 16/08/2013

(54) Title of the invention : SEPARATED PRIMARY SPRING AND SECONDARY LEAF SUSPENSION FOR VEHICLE

(51) International classification :b60g
(31) Priority Document No :60/900,796
(32) Priority Date :07/02/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2008/001719
Filing Date :07/02/2008
(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)RASSINI S.A. DE C.V.
Address of Applicant :Monte Pelvoux #220 Piso 4 Lomas de Chapultepec 11000 Mexico
(72)**Name of Inventor :**
1)JURIGA James Andrew

(57) Abstract :

A suspension for a vehicle having a chassis rail and a longitudinal axle arranged substantially orthogonal thereto. The vehicle suspension has a primary spring, which may be a leaf spring having a first end for pivotally coupling to the chassis of the vehicle at a first primary pivot coupling, and a distal second end for pivotally coupling to the chassis of the vehicle at a second primary pivot coupling. The primary spring can be a coil spring. A secondary leaf spring has a first end for pivotally coupling to the chassis of the vehicle at a secondary pivot coupling, and a second end for coupling to the axle. The longitudinal configuration of the secondary leaf spring is arranged to be angularly displaced with respect to the longitudinal configuration of the primary leaf spring. The first primary pivot coupling and the secondary pivot coupling are arranged to be substantially coplanar.

No. of Pages : 40 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5884/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :14/09/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : LUBRICANT ANTIOXIDANT COMPOSITIONS CONTAINING A METAL COMPOUND AND A HINDERED AMINE•

(51) International classification :c10m
(31) Priority Document No :60/893,195
(32) Priority Date :06/03/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2008/055658
Filing Date :03/03/2008
(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.T. VANDERBILT COMPANY INC.
Address of Applicant :30 Winfield Street Norwalk
Connecticut 06856 United States of America
(72)Name of Inventor :
1)Kevin J Chase
2)John M. DeMassa
3)Brian W. Stunkel
4)Glenn A. Mazzamaro
5)Steven G. Donnelly

(57) Abstract :

An antioxidant lubricant composition has at least 50 wt % of a lubricating base oil and an oil-soluble metal compound providing between 1 and 2,000 parts per million of metal to the lubricant composition, the metal compound being chosen from the group consisting of molybdenum, tungsten titanium and boron compounds, and an oil-soluble hindered amine providing between about.001 and about 2 wt % of oil-soluble hindered amine to the lubricant composition, and optionally, an oil-soluble diarylamine providing between.001 and about 2 wt % of oil-soluble diarylamine to the lubricant composition.

No. of Pages : 40 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5246/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :13/08/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : PACKAGING FOR OPHTHALMIC LENS

| | | |
|--|--------------------|---|
| (51) International classification | :F16j | (71)Name of Applicant : |
| (31) Priority Document No | :0701268 | 1)ESSILOR INTERNATIONAL (COMPAGNIE |
| (32) Priority Date | :22/02/2007 | GENERALE D TM OPTIQUE) |
| (33) Name of priority country | :France | Address of Applicant :147 rue de Paris F-94220 Charenton- |
| (86) International Application No | :PCT/FR2008/050272 | le-Pont France |
| Filing Date | :19/02/2008 | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)BALIX Laur'ne |
| (61) Patent of Addition to Application | :NA | 2)SCHOTT Guy |
| Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The invention relates to a packaging for an ophthalmic lens (100) that comprises a box (200) and a lens holder (300) inside the closed box. The holder includes at least one flexible portion (305) that is bent by the lid (202) of the box when said lid is closed. The portion thus bent bears against a peripheral edge (B) of the lens in order to maintain said lens at a distance from the lid inside the box. A convex face (S 1) of the lens in the box is thus protected against any damage.

No. of Pages : 23 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5898/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :14/09/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : OPTICAL RECORDING MEDIUM

| | |
|---|--------------------|
| (51) International classification | :g01n |
| (31) Priority Document No | :2007-215933 |
| (32) Priority Date | :22/08/2007 |
| (33) Name of priority country | :Japan |
| (86) International Application No | :PCT/JP2008/064843 |
| Filing Date | :20/08/2008 |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)Name of Applicant :

1)Mitsubishi Kagaku Media Co. Ltd.

Address of Applicant :1-23 Shiba 4-chome Minato-ku Tokyo
1088415 Japan

(72)Name of Inventor :

1)ESAKI Akira

2)ONO Yuuki

3)SOEJIMA Yuuji

4)UCHINO Kentarou

5)TERAUCHI Makoto

6)KURIWADA Takeshi

(57) Abstract :

To provide an optical recording medium excellent in the balance of characteristics, which has a sufficient surface hardness and of which the deformation when the environmental temperature and the environmental humidity change is small.

No. of Pages : 38 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5899/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :14/09/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : TIME-SPECIFIC DELAYED/PULSATILE RELEASE DOSAGE FORMS

| | |
|---|--------------------|
| (51) International classification | :a61k |
| (31) Priority Document No | :07104213.9 |
| (32) Priority Date | :15/03/2007 |
| (33) Name of priority country | :EPO |
| (86) International Application No | :PCT/EP2008/052957 |
| Filing Date | :12/03/2008 |
| (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)POLICHEM S.A.
Address of Applicant :50 Val Fleuri - 1526 Luxembourg

(72)**Name of Inventor :**
1)CEREA Matteo
2)DE LUIGI BRUSCHI Stefano
3)GAZZANIGA Andrea
4)SANGALLI Maria Edvige
5)ZEMA Lucia

(57) Abstract :

A time specific delayed/pulsatile release dosage form which comprises: a core comprising at least one active principle and at least one disintegrating agent; a sealing layer surrounding the core essentially consisting of one or more water soluble or water insoluble pH independent polymers; an outer coating essentially consisting of one or more hydrophilic pH independent polymers;

No. of Pages : 29 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5201/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :12/08/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : PATCH FOR CUTANEOUS APPLICATION•

| | |
|---|--------------------|
| (51) International classification | :A61K |
| (31) Priority Document No | :0753265 |
| (32) Priority Date | :15/02/2007 |
| (33) Name of priority country | :France |
| (86) International Application No | :PCT/FR2008/050252 |
| Filing Date | :15/02/2008 |
| (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)DBV TECHNOLOGIES
Address of Applicant :104 avenue Victor Hugo F-92100
Boulogne Billancourt France
(72)**Name of Inventor :**
1)DUPONT Bertrand

(57) Abstract :

Disclosed are compositions and methods useful for inducing an immunogenic response in a subject or host. In particular, the compositions and methods may be directed to carbohydrate HIV vaccines and to methods of producing a carbohydrate HIV vaccine by introducing antigenic sugars into mimics of the glycans of the HIV envelope glycoproteins gp120 and gp41.

No. of Pages : 18 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5202/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :12/08/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : TIE FOR IDENTIFICATION RING•

| | |
|---|--------------------|
| (51) International classification | :a44b |
| (31) Priority Document No | :0701658 |
| (32) Priority Date | :07/03/2007 |
| (33) Name of priority country | :France |
| (86) International Application No | :PCT/EP2008/000923 |
| Filing Date | :07/02/2008 |
| (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. RAYMOND ET CIE
Address of Applicant :115 Cours Berriat F-38000 Grenoble
France
(72)**Name of Inventor :**
1)GELIBERT Stphane
2)LEGAT Jean-Jacques

(57) Abstract :

A tie comprising a strap (1) having two end parts (1A, 1B) provided with a female part and a male part, respectively, of a fixing system, is characterized in that the female part of the fixing system is an opening (2) in the strap which is bordered by a cleavable area (2A-2C) of the strap. This tie can be used to create an identification ring for an animal, the diameter of which ring can be increased without removing the ring from the animal

No. of Pages : 12 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7121/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :16/09/2011

(43) Publication Date : 16/08/2013

(54) Title of the invention : COMPOSITIONS AND METHODS TO PREVENT AND/OR TREAT CANCER WITH PA-CARD

(51) International classification :A61K 38/00

(31) Priority Document No :61/154,236

(32) Priority Date :20/02/2009

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

(86) International Application No :PCT/US2010/024904

Filing Date :22/02/2010

(87) International Publication No :WO 2010/096754

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)CDG THERAPEUTICS, INC.

Address of Applicant :1971 BALTIMORE DRIVE, ELK, GROVE VILLAGE, IL 60007, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)TAPAS DAS GUPTA

2)ANANDA CHAKRABARTY

3)ARSENIO FIALHO

(57) Abstract :

The present invention relates to methods and materials for killing cancer cells with proteins derived from bacteria. The invention specifically relates to Azurin, Laz, Pa-CARD, and fusion proteins Azu-H.8 and H.8-Azu, and their use in killing leukemia cells and/or ovarian cancer cells.

No. of Pages : 99 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5641/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :31/08/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : PYRIMIDINE-2,4-DIAMINE DERIVATIVES AND THEIR USE AS JAK2 KINASE INHIBITORS •

| | |
|---|--------------------|
| (51) International classification | :c07c |
| (31) Priority Document No | :60/892,385 |
| (32) Priority Date | :01/03/2007 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No | :PCT/US2008/055452 |
| Filing Date | :29/02/2008 |
| (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)SUPERGEN INC.
Address of Applicant :4140 Dublin Boulevard Suite 200
Dublin California 94568 United States of America
(72)**Name of Inventor :**
1)VANKAYALAPATI Hariprasad
2)LIU Xiao-hui
3)BEARSS David J.

(57) Abstract :

Pyrimidine-2,4-diamines derivatives having activity as JAK2 kinase inhibitors are disclosed, as well as pharmaceutical compositions and methods for using the same in the treatment of cancer and other JAK2 kinase-associated conditions.

No. of Pages : 63 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1915/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :15/09/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : AN INTEGRATED DE-AERATOR AND BREATHING PUMP AND METHODS THEREOF

| | | |
|---|-------|--|
| (51) International classification | :F16H | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)THE DIRECTOR GENERAL DEFENCE RESEARCH & DEVELOPMENT ORGANIZATION [DRDO] |
| (32) Priority Date | :NA | Address of Applicant :Ministry of Defence Govt. of India |
| (33) Name of priority country | :NA | Room No. 348 B-wing DRDO Bhawan Rajaji Marg New Delhi |
| (86) International Application No | :NA | 110 105 India. |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)NAGAPPA NANJUNDA RAO |
| (61) Patent of Addition to Application Number | :NA | 2)STEPHEN PUSHPAM SURESH KUMAR |
| Filing Date | :NA | 3)MAJETI SIVARAMAKRISHNA |
| (62) Divisional to Application Number | :NA | 4)BENNY THOMAS |
| Filing Date | :NA | |

(57) Abstract :

The integrated de-aerator and breather pump comprises of a rotor and a static support. The outer casing which is the part of the rotor carries a porous member. The outer casing (70) has a first inlet at (121) for the scavenged air-oil mixture from the bearing chambers (364) and the Engine Gearbox (370) and second inlet at (122) for the vented/breathed air-oil mist from the bearing chambers through the Engine Gearbox. The rotor is supported on a static support (60) which is designed with passage for the scavenge oil (125), separated oil (127) and air (129). Oil from the air-oil mixture is separated in the porous member by the differential centrifugal force acting on the air and oil due to the difference in densities. The oil separated from the air-oil mixture is pumped back to the oil tank through the passage and the air is discharged out through.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3927/DELNP/2010 A

(19) INDIA

(22) Date of filing of Application :02/06/2010

(43) Publication Date : 16/08/2013

(54) Title of the invention : MOTOR VEHICLE ADJUSTABLE TOE LINK

| | | |
|--|--------------------|--|
| (51) International classification | :B60G | (71)Name of Applicant : |
| (31) Priority Document No | :60/992,176 | 1)Z F GROUP NORTH AMERICAN OPERATIONS INC. |
| (32) Priority Date | :04/12/2007 | Address of Applicant :15811 Centennial Drive Northville MI |
| (33) Name of priority country | :U.S.A. | 48167 United States of America |
| (86) International Application No | :PCT/US2008/085517 | (72)Name of Inventor : |
| Filing Date | :04/12/2008 | 1)FISCHER Markus |
| (87) International Publication No | : NA | 2)HOLMES Eric |
| (61) Patent of Addition to Application | :NA | |
| Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A toe link for the suspension system of a vehicle includes means for adjusting the axial length of the toe link while preventing relative rotation of the extending ends of the toe link.

No. of Pages : 15 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5782/DELNP/2009 A

(19) INDIA

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

(43) Publication Date : 16/08/2013

(54) Title of the invention : INJECTIBLE CYANOACRYLATE-FUNCTIONALIZED POLYISOBUTYLENES•

| | |
|---|--------------------|
| (51) International classification | :c07c |
| (31) Priority Document No | :60/923,003 |
| (32) Priority Date | :12/04/2007 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No | :PCT/US2008/004870 |
| Filing Date | :14/04/2008 |
| (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)THE UNIVERSITY OF AKRON
Address of Applicant :302 East Buchtel Common Akron
Ohio 44325 U.S.A.
(72)**Name of Inventor :**
1)KENNEDY Joseph P.
2)KWON Yongmoon
3)JEWRAJKA Suresh

(57) Abstract :

The present invention generally relates to injectible polyisobutylene polymer compounds. More specifically, the present invention relates to injectible polyisobutylene polymer compounds that are designed for various biological and medical applications. In one embodiment, the present invention relates to injectible functionalized polyisobutylene polymer compounds that are designed for various biological and medical applications. In another embodiment, the present invention relates to injectible cyanoacrylate-functionalized polyisobutylene polymer compounds.

No. of Pages : 122 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5783/DELNP/2009 A

(19) INDIA

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

(43) Publication Date : 16/08/2013

(54) Title of the invention : BELT TYPE CONVEYOR APPARATUS WITH ADJUSTABLE TAIL PULLEY

| | | |
|---|--------------------|---|
| (51) International classification | :b29d | (71)Name of Applicant : |
| (31) Priority Document No | :2,578,427 | 1)PRAIRIE MACHINE & PARTS MFG. (1978) LTD. |
| (32) Priority Date | :08/02/2007 | Address of Applicant :3335 Millar Avenue Saskatoon |
| (33) Name of priority country | :Canada | Saskatchewan S7K 5Y5 Canada |
| (86) International Application No | :PCT/CA2008/000245 | (72)Name of Inventor : |
| Filing Date | :07/02/2008 | 1)DEMONG Maurice |
| (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 conveyor apparatus for use with a conveyor belt includes an elongate conveyor support frame and a plurality of conveyor belt supporting devices mounted on this frame. These devices include a tail pulley mechanism having two tail pulley sections mounted on a pulley support for rotation about a common central axis of rotation.

No. of Pages : 60 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5784/DELNP/2009 A

(19) INDIA

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

(43) Publication Date : 16/08/2013

(54) Title of the invention : STEERING SYSTEM AND METHOD FOR TRAIN OF WHEELED VEHICLES

| | |
|---|--------------------|
| (51) International classification | :b62d |
| (31) Priority Document No | :2,588,161 |
| (32) Priority Date | :09/05/2007 |
| (33) Name of priority country | :Canada |
| (86) International Application No | :PCT/CA2008/000242 |
| Filing Date | :07/02/2008 |
| (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)PRAIRIE MACHINE & PARTS MFG. (1978) LTD.
Address of Applicant :3335 Millar Avenue Saskatoon
Saskatchewan S7K 5Y5 Canada
(72)**Name of Inventor :**
1)DEMONG Maurice
2)DEBNAM Ashley

(57) Abstract :

A steering system and method are capable of steering a plurality of vehicles arranged in a train with adjacent vehicles pivotally connected to each other for movement about a vertical axis. Each vehicle has a pair of steerable wheels with one pair at one end of the train being a selected leading pair having its steering angle determined by an operator. An electrical control system automatically steers all of the wheels trailing behind the leading pair. Vehicle angle sensors measure intercar angles between adjacent vehicles and provide this information to the control system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5485/DELNP/2009 A

(19) INDIA

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

(43) Publication Date : 16/08/2013

(54) Title of the invention : A TURBINE RING ASSEMBLY FOR A GAS TURBINE•

| | |
|---|--------------------|
| (51) International classification | :f03d |
| (31) Priority Document No | :0753841 |
| (32) Priority Date | :15/03/2007 |
| (33) Name of priority country | :France |
| (86) International Application No | :PCT/FR2008/050444 |
| Filing Date | :14/03/2008 |
| (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)SNECMA PROPULSION SOLIDE
Address of Applicant :Les Cinq Chemins 33187 LE
HAILLAN France.
(72)**Name of Inventor :**
1)Georges HABAROU
2)Julien MATEO
3)Eric BOUILLON

(57) Abstract :

A turbine ring assembly for a gas turbine, the assembly comprising a complete ring (10) forming a single piece of ceramic matrix composite material (CMC), a metal structure for supporting the CMC ring having metal annular supports (20, 30) between which the CMC ring is placed while allowing differential expansion at least in a radial direction between the CMC ring and the annular supports, means (40-42) for centering the CMC ring, and at least one element for preventing turning of the CMC ring about its axis.

No. of Pages : 25 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5486/DELNP/2009 A

(19) INDIA

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

(43) Publication Date : 16/08/2013

(54) Title of the invention : A TURBINE RING ASSEMBLY FOR A GAS TURBINE•

| | |
|---|--------------------|
| (51) International classification | :f03d |
| (31) Priority Document No | :0753842 |
| (32) Priority Date | :15/03/2007 |
| (33) Name of priority country | :France |
| (86) International Application No | :PCT/FR2008/050445 |
| Filing Date | :14/03/2008 |
| (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)SNECMA PROPULSION SOLIDE
Address of Applicant :Les Cinq Chemins 33187 LE
HAILLAN France.
(72)**Name of Inventor :**
1)Georges HABAROU
2)Julien MATEO
3)Eric BOUILLON

(57) Abstract :

A turbine ring assembly for a gas turbine comprises a one-piece split ring (10) of ceramic matrix composite (CMC) material, a CMC wedge-shaped part (20) having flanks in contact with the ends of the ring, on either side of the split, so as to close the ring, and an annular metal support structure (40) surrounding the CMC ring and in contact therewith over the major fraction of its outline, the CMC ring being mounted with prestress in the metal structure, at least one element (26) exerting a resilient return force on the wedge-shaped part to keep it in contact with the ends of the CMC ring when the split opens under the effect of differential expansion between the annular metal structure and the CMC ring, and at least one element for preventing the CMC ring from turning about its axis.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5489/DELNP/2009 A

(19) INDIA

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

(43) Publication Date : 16/08/2013

(54) Title of the invention : HIGH TEMPERATURE AND PRESSURE OXIDATION-REDUCTION POTENTIAL MEASURING AND MONITORING DEVICE FOR HOT WATER SYSTEMS

| | | |
|---|---|--|
| (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date | :c23f :11/668,048 :29/01/2007 :U.S.A. :PCT/US2008/052246 :29/01/2008 : NA :NA :NA :NA :NA | (71) Name of Applicant : 1)NALCO COMPANY Address of Applicant :1601 W. Diehl Road Naperville Illinois 60563-1198 United States of America (72) Name of Inventor : 1)HICKS Peter D. 2)KNOTH M. Alexandra |
|---|---|--|

(57) Abstract :

A device for measuring oxidation-reduction potential at operating temperature and pressure in hot water systems is disclosed and claimed. The device includes a flow-through cell, an oxidation-reduction potential probe, a temperature detector, and an external pressure-balanced reference electrode assembly. Each component of the device works in conjunction with the other components and each has electrical connections that transmit signals to a controller. The controller calculates and determines adjustments to feedwater chemistry for the hot water system.

No. of Pages : 40 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5287/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :18/08/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : SCANNING MECHANISMS FOR IMAGING PROBE

(51) International classification :g01r
(31) Priority Document No :60/881,169
(32) Priority Date :19/01/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2008/000092
Filing Date :21/01/2008
(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)SUNNYBROOK HEALTH SCIENCES CENTRE
Address of Applicant :2075 Bayview Avenue Toronto
Ontario M4N 3M5 Canada
(72)Name of Inventor :
1)COURTNEY Brian
2)MUNCE Nigel Robert
3)THIND Amandeep Singh
4)YANG Victor Xiao Dong
5)FOSTER Francis Stuart

(57) Abstract :

The present invention provides scanning mechanisms for imaging probes using for imaging mammalian tissues and structures using high resolution imaging, including high frequency ultrasound and/or optical coherence tomography. The imaging probes include adjustable rotational drive mechanism for imparting rotational motion to an imaging assembly containing either optical or ultrasound transducers which emit energy into the surrounding area. The imaging assembly includes a scanning mechanism having including a movable member configured to deliver the energy beam along a path out of said elongate hollow shaft at a variable angle with respect to said longitudinal axis to give forward and side viewing capability of the imaging assembly. The movable member is mounted in such a way that the variable angle is a function of the angular velocity of the imaging assembly.

No. of Pages : 124 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5288/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :18/08/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : IMAGING PROBE WITH COMBINED ULTRASOUND AND OPTICAL MEANS OF IMAGING

(51) International classification :g01r
(31) Priority Document No :60/881,169
(32) Priority Date :19/01/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2008/000089
Filing Date :21/01/2008
(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)SUNNYBROOK HEALTH SCIENCES CENTRE
Address of Applicant :2075 Bayview Avenue Toronto
Ontario M4N 3M5 Canada
(72)Name of Inventor :
1)COURTNEY Brian
2)MUNCE Nigel Robert
3)THIND Amandeep Singh
4)YANG Victor Xiao Dong
5)FOSTER Francis Stuart

(57) Abstract :

The present invention provides an imaging probe for imaging mammalian tissues and structures using high resolution imaging, including high frequency ultrasound and optical coherence tomography. The imaging probes structures using high resolution imaging use combined high frequency ultrasound (IVUS) and optical imaging methods such as optical coherence tomography (OCT) and to accurate co-registering of images obtained from ultrasound image signals and optical image signals during scanning a region of interest.

No. of Pages : 115 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5717/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :03/09/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : POLYUNSATURATED FATTY ACID MONOGLYCERIDES, DERIVATIVES, AND USES THEREOF•

| | |
|---|--------------------|
| (51) International classification | :c07c |
| (31) Priority Document No | :60/889,984 |
| (32) Priority Date | :15/02/2007 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No | :PCT/CA2008/000301 |
| Filing Date | :14/02/2008 |
| (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)CENTRE DE RECHERCHE SUR LES BIOTECHNOLOGIES MARINES
Address of Applicant :265 2E rue Est Rimouski Quebec G5L 9H3 Canada
(72)**Name of Inventor :**
1)FORTIN Samuel

(57) Abstract :

The invention encompasses polyunsaturated fatty acid monoglycerides and derivatives thereof, having the formulae (I), (II), (III) and (IV), pharmaceutically acceptable salts thereof, compositions thereof and processes of preparing said compounds. These compounds can be useful as cancer chemopreventive agents, cancer treating agents, or radioenhancers for radiotherapy of cancer, or for inhibiting tumor growth or cell proliferation, or reducing tumor growth.

No. of Pages : 69 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4898/DELNP/2009 A

(19) INDIA

(22) Date of filing of Application :27/07/2009

(43) Publication Date : 16/08/2013

(54) Title of the invention : METHOD AND APPARATUS FOR RECOVERING A METAL AND SEPARATING ARSENIC FROM AN ARSENIC CONTAINING SOLUTION

| | | |
|---|--------------------|--|
| (51) International classification | :c07C | (71)Name of Applicant : |
| (31) Priority Document No | :60/882,376 | 1)Molycorp Minerals LLC |
| (32) Priority Date | :28/12/2006 | Address of Applicant :HC1 Box 224 Mountain Pass CA |
| (33) Name of priority country | :U.S.A. | 92366 United States of America |
| (86) International Application No | :PCT/US2007/087952 | (72)Name of Inventor : |
| Filing Date | :18/12/2007 | 1)BURBA John L. III |
| (87) International Publication No | : NA | 2)HASSLER Carl R. |
| (61) Patent of Addition to Application Number | :NA | 3)OTMKELLEY C. Brock |
| Filing Date | :NA | 4)WHITEHEAD Charles F. |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A method and apparatus for recovering a metal and separating arsenic from an arsenic-containing solution. The method includes contacting the arsenic-containing solution with a fixing agent that comprises a rare earth compound to produce an arsenic-depleted solution and an arsenic-laden fixing agent. The fixing agent comprises a rare earth-containing compound that can include cerium, lanthanum, or praseodymium. The fixing agent is separated from the arsenic-depleted solution and a recoverable metal is separated from one or more of the arsenic-containing solution and the arsenic-depleted solution. Recoverable metals can include metal from Group IA, Group IIA, Group VIII and the transition metals. The arsenic-containing solution can be formed by contacting an arsenic-containing material with a leaching agent. Arsenic-depleted solids formed during the leach can also be separated and recovered. An apparatus of the invention can include two or more arsenic fixing units configured to conduct the method on a continuous basis.

No. of Pages : 25 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.382/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : A SOLAR STEAM GENERATING ASSEMBLY

| | | |
|---|-------|--|
| (51) International classification | :F03G | (71)Name of Applicant : |
| | 6/06 | 1)A. T. E. ENTERPRISES PRIVATE LIMITED |
| (31) Priority Document No | :NA | Address of Applicant :43, DR. V B GANDHI MARG, FORT, |
| (32) Priority Date | :NA | MUMBAI 400 023 Maharashtra India |
| (33) Name of priority country | :NA | (72)Name of Inventor : |
| (86) International Application No | :NA | 1)VISHAL RENUKADAS SARDESHPANDE |
| 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 provides a solar steam generating assembly for directly generating steam. The solar steam generating assembly includes a solar collector that concentrates solar radiation and focuses the solar radiation to a focal region. The solar steam generating assembly has high accuracy and is manufactured economically using simple fabrication techniques for use in various types of process engineering applications. Additionally, a steam generating unit is placed at the focal region. The steam generating unit includes a steam drum and acts as a receiver of the solar radiation. The steam drum is used to hold water. The water in the steam drum is converted into substantially dry steam due to heat generated because of the focused solar radiation. The dry steam obtained from the steam drum has a dryness fraction usually higher than 0.85.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.383/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : FAIL SAFE CLUTCH COUPLING FOR INTANK TAPCHANGER AND OTHER APPLICATIONS

| | | |
|---|------------|--|
| (51) International classification | :F01N 3/02 | (71) Name of Applicant : 1)CTR MANUFACTURING INDUSTRIES LIMITED |
| (31) Priority Document No | :NA | Address of Applicant :Nagar Road Poona 411 014 |
| (32) Priority Date | :NA | Maharashtra India |
| (33) Name of priority country | :NA | (72) Name of Inventor : |
| (86) International Application No | :NA | 1)RAMAKRISHNAN NAGARAJAN |
| 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 disclosure provides for a fail safe clutch coupling for an Intank Tapchanger. The clutch coupling is a dual protection system. The coupling comprises a shear pin and both the clutch coupling and the shear pin act in tandem for fail safe application. The clutch coupling is designed to suit Intank on load Tapchanger and has capability to instantaneously stop drive mechanism in the event of any mechanical overloading in the drive mechanism. The stopping of the drive mechanism protects parts/components of the Intank on load Tapchanger from damage. The clutch coupling is also easy to service as it is placed outside large transformer tank in easily accessible location. Further, the coupling also detects any alignment error of drive shafts and coupling in the drive mechanism. The shear pin will not operate during normal running of the Intank Tapchanger.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.384/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : HIGH THROUGHPUT BIT PROCESSING ARCHITECTURE

| | | |
|---|------------|--|
| (51) International classification | :G06F 3/14 | (71)Name of Applicant : 1)RENESAS MOBILE CORPORATION |
| (31) Priority Document No | :NA | Address of Applicant :6-2, OTEMACHI 2-CHOME, |
| (32) Priority Date | :NA | CHIYODA-KU, TOKYO, JAPAN |
| (33) Name of priority country | :NA | (72)Name of Inventor : |
| (86) International Application No | :NA | 1)VICHARE, CHIRAG VISHWAS |
| 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 :

Read addresses are dynamically generated for a de-interleaver memory using initialization parameters (row and column limits, number of rows) for a bit collection matrix, which includes X different types of bits ($X > 1$ with $x = \{1, 2, \dots, X\}$). Pre-fetch FIFO logic controls respective parallel accesses for different Xth types of bits in a given memory word in the de-interleaver memory to the generated read addresses, using a respective offset which indicates a number of bits or symbols to be jumped in the de-interleaver memory. The jump is from a previous bit/symbol of the respective xth type of bit (or from a start address) to a next valid bit/symbol of the respective xth type of bit. The pre-fetch FIFO logic computes the respective offsets per xth type of bit based on values for the bit collection matrix row and column variables of the respective xth type of bit.

No. of Pages : 41 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.392/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : PROCESS OF PREPARING BENZISOTHIAZOL-3-YL-PIPERAZIN-1-YL-METHYL-CYCLOHEXYL-METHANISOINDOL-1, 3-DIONE AND INTERMEDIATES THEREOF

| | | |
|---|-----------------|---|
| (51) International classification | :C07D 221/04 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)CADILA HEALTHCARE LIMITED |
| (32) Priority Date | :NA | Address of Applicant :PLOT NO. 26 TO 29 & 31, |
| (33) Name of priority country | :NA | DABHASA-UMARAYA ROAD VILL. DABHASA-391440 |
| (86) International Application No | :NA | TAL. PADRA, DIST. VADODARA, GUJARAT, INDIA |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | :N/A | 1)DWIVEDI SHRI PRAKASH DHAR |
| (61) Patent of Addition to Application Number | :NA | 2)SINGH RAMESH CHANDRA |
| Filing Date | :NA | 3)CHAVDA RAJENDRA GOKALBHAI |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention discloses process for preparing benzisothiazol-3-yl-piperazin-1-yl-methyl-cyclo hexyl-methanisoindol-1,3-dione and intermediates thereof.

No. of Pages : 44 No. of Claims : 42

(54) Title of the invention : WASTE HEAT RECOVERY SYSTEM FOR DUST LADEN FLUE GASES USING CRISS-CROSS REPOSE FLOW DESIGN

| | | |
|---|-------|---|
| (51) International classification | :F28G | (71)Name of Applicant : |
| (31) Priority Document No | 1/00 | 1)TRANSPARENT ENERGY SYSTEMS PVT. LTD |
| (32) Priority Date | :NA | Address of Applicant :PUSHPA HEIGHTS 1ST FLOOR, |
| (33) Name of priority country | :NA | BIBWEWADI CORNER, PUNE-SATARA ROAD, PUNE-411 |
| (86) International Application No | :NA | 037 Maharashtra India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | :N/A | 1)ATRE ASHOK DATTATRAYA |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Accordingly invention provides a waste heat recovery system for dust laden flue gases comprises a heat recovery heat exchanger of vertical cylindrical body with top and bottom ends having conical shape; in the top portion of the said the heat exchanger a boiler is formed with multiple numbers of inclined tubes arranged in parallel in one plane connected to out let header at upper end and inlet header at lower end, that forms one cassette of the tubes, such panels of inclined tubes are arranged to form a crisscross arrangement ; similarly in the bottom portion, an economiser formed with multiple numbers of inclined tubes arranged in parallel in one plane connected to out let header at upper end and inlet header at lower end, that forms one cassette of the tubes, such panels of inclined tubes are arranged to form a crisscross arrangement ; the inclination of said tubes is greater than the angle of repose of the dust particles in the flue gas; a steam drum having first inlet connected outlet of the outlet header economiser section, second inlet connected to outlet header of boiler section and an outlet connected to the inlet header of boiler section; the inlet header of economiser section connected to water supply source; flue gas inlet provided on top end of the said heat exchanger and flue gas outlet provided at the bottom end of the said heat exchanger; and a dust dislodgement system provided at lower end of the said inclined tubes.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.357/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :08/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : SYSTEM AND METHOD FOR VIRTUAL TRAINING ENVIRONMENT.

| | | |
|---|-------|--|
| (51) International classification | :G06Q | (71)Name of Applicant : |
| | 10/00 | 1)JPMORGAN CHASE BANK, N.A. |
| (31) Priority Document No | :NA | Address of Applicant :270 PARK AVENUE, NEW YORK, |
| (32) Priority Date | :NA | NY 10036, U.S.A. |
| (33) Name of priority country | :NA | (72)Name of Inventor : |
| (86) International Application No | :NA | 1)AJITH SUNDARESH |
| Filing Date | :NA | 2)SUDIPTO MUKHERJEE |
| (87) International Publication No | :N/A | 3)MEGHDOOT KARNIK |
| (61) Patent of Addition to Application Number | :NA | 4)DEBASREE MAJUMDAR |
| Filing Date | :NA | 5)ANINDO MITRA |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Embodiments of the invention are directed to a computer-implemented interactive virtual training system and method for facilitating the virtual interactive training of an employee over a network. The system may include computer storage components for storing training application program modules, a delivery engine for delivering a virtual interactive training environment, the environment including visual and audio components, computer processing components for accessing and executing the training application program modules, and a user input sensing mechanism for accepting and interpreting user input received in the virtual interactive training environment enabling the user to perform training tasks in the interactive virtual training environment. Each training application program module includes training material for one of multiple career paths, wherein the training material is divided into multiple levels, such that successful employee completion of an initial level for one career path allows access to a subsequent level for the career path.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.401/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : POSITION LOCKING MECHANISM FOR DRAW-OUT TYPE CIRCUIT BREAKERS

| | | |
|---|-----------------|---|
| (51) International classification | :H02B 11/127 | (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)MAHENDRA C. DAVE |
| Filing Date | :NA | |
| (87) International Publication No | :N/A | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A position locking mechanism for a draw-out type circuit breaker is provided to lock the circuit breaker in three positions - a disconnected position, a test position and a connected position when a circuit breaker is 'racked in' or 'racked out' during a racking operation. The position locking mechanism eliminates the possibility of a mismatch in an intended locking position of the circuit breaker and also provides physical indication of physical position of the circuit breaker.

No. of Pages : 18 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.369/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : TAMPER EVIDENT PACKAGING BOX

| | | |
|---|---------------|--|
| (51) International classification | :B65D 5/54 | (71)Name of Applicant : 1)PARKSONS PACKAGING LTD. |
| (31) Priority Document No | :NA | Address of Applicant :GATE NO. 357/77,79,81, CHAKAN- TELEGAON ROAD, KHARABWADI, TAL: KHED, CHAKAN, PUNE - 410501 Maharashtra India |
| (32) Priority Date | :NA | |
| (33) Name of priority country | :NA | |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)GUNAICHA PULKESH |
| (87) International Publication No | :N/A | 2)DUBEY SATYAM |
| (61) Patent of Addition to Application Number | :NA | 3)WANKHADE MINAL |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A tamper evident packaging box is described that includes a plurality of panels. The box has at least one panel having a strip extension that is integrally formed out single black of sheet. The strip extension has a tearable tamper evident section tears-off when force is applied. The strip extension seals the length of the packaging box and also the height. The strip extension has an auxiliary flap at the end that is adapted to be folded and inserted into a transversal cut to lock the strip extension.

No. of Pages : 41 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.393/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : A SYSTEM FOR CONVERSATION QUALITY MONITORING OF CALL CENTER CONVERSATION AND A METHOD THEREOF

| | | |
|---|----------------|---|
| (51) International classification | :H04L 12/16 | (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)PANDE, ARUN |
| Filing Date | :NA | 2)KOPPARAPU, SUNIL KUMAR |
| (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 related to improving a conversation quality of calls in a call center setup/ environment. The system of the present invention allows monitoring of several live ongoing audio conversations to alert supervisor regarding vulnerable/ deviations in the call being handled by a call center agent. The alerts are displayed on the supervisor console by way of providing graphical visual display in order to seek attention of the supervisor. The system also facilitates the supervisor to listen to the live conversation on his desktop by clicking on the visual display.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.395/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : A TORQUE INDICATING WASHER ELEMENT

| | | |
|---|-------|--|
| (51) International classification | :F16B | (71)Name of Applicant : |
| (31) Priority Document No | 31/02 | 1)CROMPTON GREAVES LIMITED |
| (32) Priority Date | :NA | Address of Applicant :CG HOUSE, 6TH FLOOR, DR. |
| (33) Name of priority country | :NA | ANNIE BESANT ROAD, WORLI, MUMBAI-400 030, |
| (86) International Application No | :NA | Maharashtra India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | :N/A | 1)PANDYA ANKIT |
| (61) Patent of Addition to Application Number | :NA | 2)UPADHYAY AMARENDRA |
| Filing Date | :NA | 3)N/A |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A torque indicating washer element comprising a disk element with a central hole, characterized in that, said disk element being provided with a co-axial frusto-conical substratum having a first operative horizontal face in connection with the underside of said disk element and a second operative horizontal face being the base of the torque indicating washer element.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.400/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : NOVEL SERIES OF ALKOXYPHENYLCARBOXAMIDO DERIVATIVES.

| | | |
|---|--------------|---|
| (51) International classification | :C07D 403/12 | (71)Name of Applicant : 1)MALIK RUCHI Address of Applicant :DEPARTMENT OF PHARMACEUTICAL AND MEDICINAL CHEMISTRY, TIFAC CORE, INNOVATION SQUARE, B.R. NAHATA COLLEGE OF PHARMACY, MANDSAUR, M.P. 458001, INDIA |
| (31) Priority Document No | :NA | 2)SHARMA MANISH |
| (32) Priority Date | :NA | (72)Name of Inventor : |
| (33) Name of priority country | :NA | 1)MALIK RUCHI |
| (86) International Application No | :NA | 2)SHARMA MANISH |
| 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 :

Cognitive dysfunction Is one of the main symptoms accompanying ageing, stroke, stree, head injury and neurodegenerative diseases like Alzheimer's disease. Many compounds have been claimed to be endowed with cognition enhancing activity but few of them have reached the market In some countries for memory disturbances. Cognition - enhancing agents are represented by a wide spectrum of substances, including Ca²⁺ - channel blockers, GABA- and glutamate - ergic drugs, free radical scavengers and antioxidants, various cholinomimetics, the mnemotropic neuropeptides, and others. However, each of these well - known cognition enhancers has repeatedly been reported to have serious side effects. Therefore, there is an urgent need to serch for substances able to restore damage cognitive functions without causing significant adverse reactions. The present invention relates to novel series of alkoxyphenylcarboxamido derivatives with general structural formula (A), the present invention also relates to novel alkoxyphenylcarboxamido derivatives as memory enhancing agents. The present invention also relates to novel alkoxyphenylcarboxamido derivatives as acetylcholinesterase inhibitors. This invention particularly relates to provide the process of preparation of such derivatives and process of carrying out biological activity using elevated plus maze model, process for studying acetylcholinesterse, inhibiting activity of novel series of alkoxyphenylcarboxamido derivatives.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.406/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : A PROCESS FOR CATALYTIC CONVERSION OF LOW VALUE HYDROCARBON STREAMS TO LIGHT OLEFINS.

| | | |
|---|----------------|---|
| (51) International classification | :C10G 11/18 | (71)Name of Applicant : 1)RELIANCE INDUSTRIES LIMITED Address of Applicant :RELIANCE INDUSTRIES LTD., 3RD FLOOR, MAKER CHAMBER - IV, 222, NARIMAN POINT, MUMBAI 400 021, Maharashtra India |
| (31) Priority Document No | :NA | (72)Name of Inventor : |
| (32) Priority Date | :NA | 1)MANDAL SUKUMAR |
| (33) Name of priority country | :NA | 2)YADAV MANOJ |
| (86) International Application No | :NA | 3)PARESH AMIT KUMAR |
| Filing Date | :NA | 4)DAS ASIT |
| (87) International Publication No | :N/A | 5)JAGUSTE SHUBHANGI |
| (61) Patent of Addition to Application Number | :NA | 6)CHINTHALA PRAVEEN KUMAR |
| Filing Date | :NA | 7)RAVICHANDRAN GOPAL |
| (62) Divisional to Application Number | :NA | 8)MARVE MAHESH |
| Filing Date | :NA | 9)SAPRE AJIT |

(57) Abstract :

A process for catalytic conversion of low value hydrocarbon streams to light olefins in comparatively higher yields is disclosed. Propylene is obtained in amounts higher than 20 wt. % and ethylene higher than 6 wt. %. The process is carried out in a preheated cracking reactor having a single riser and circulating an FCC catalyst. The riser is divided into three temperature zones in which different hydrocarbon feeds are introduced. An oxygenate feed is introduced in the operative top zone in the riser. Heat for the endothermic cracking is obtained by the exothermic reaction of converting the oxygenate feed into gas and / or from a regenerator in which the spent FCC catalyst is burnt.

No. of Pages : 45 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.361/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :08/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : IMMOBILIZATION OF SINGLE SITE CATALYST ON INORGANIC OXIDE SUPPORT FOR PREPARATION OF UHMWPE

| | | |
|---|-------|---|
| (51) International classification | :C25B | (71)Name of Applicant : |
| | 9/10 | 1)RELIANCE INDUSTRIES LIMITED |
| (31) Priority Document No | :NA | Address of Applicant :RELIANCE INDUSTRIES LTD., 3RD |
| (32) Priority Date | :NA | FLOOR, MAKER CHAMBER - IV, 222, NARIMAN POINT, |
| (33) Name of priority country | :NA | MUMBAI-400021, Maharashtra India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)SARMA KRISHNA RENGANATH |
| (87) International Publication No | :N/A | 2)JASRA RAKSHVIR |
| (61) Patent of Addition to Application Number | :NA | 3)KANNAN KAYAMBU |
| Filing Date | :NA | 4)MATHUR AJIT BEHARI |
| (62) Divisional to Application Number | :NA | 5)PATEL VIRALKUMAR |
| Filing Date | :NA | 6)YOGESH P PATIL |

(57) Abstract :

There is provided a chemically immobilized heterogeneous single site polymerization catalyst represented by Formula I. wherein, M is a Group IV transition metal; R1 is a functionalized inorganic oxide support selected from the group consisting of such that R8 is a molecule having a carboxylic or sulphonic acid group. R2 - R5, are independently, H or a hydrocarbon; R6 is t-butyl; R7 is a functionalized inorganic oxide support selected from the group consisting of such that R8 is a molecule having a carboxylic or sulphonic acid group. and X1 and X2 are independently F, Cl, Br or I. There is also provided a method for the preparation of the chemically immobilized heterogeneous single site polymerization catalyst as represented by Formula I.

No. of Pages : 37 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.360/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :08/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : DOUBLE SUCTION CONCRETE VOLUTE PUMPING ASSEMBLY

| | | |
|---|-------|---|
| (51) International classification | :F04B | (71)Name of Applicant : |
| | 29/08 | 1)KIRLOSKAR BROTHERS LTD. |
| (31) Priority Document No | :NA | Address of Applicant :UDYOG BHAVAN, TILAK ROAD, |
| (32) Priority Date | :NA | PUNE 411 002, Maharashtra India |
| (33) Name of priority country | :NA | (72)Name of Inventor : |
| (86) International Application No | :NA | 1)GODBOLE, VASANT |
| Filing Date | :NA | 2)MINCHEKAR, SANDIP |
| (87) International Publication No | :N/A | 3)CHOUGULE, BABASO |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present disclosure discloses a concrete volute pumping assembly 200 capable of pumping fluid from a first location to a second location. The concrete volute pumping assembly 200 includes an impeller unit, housed within an impeller casing, and powered by a motor 102 through a transmission shaft 104. The impeller unit, including a first suction cone 114, a second suction cone 124 and at least one blade 120, receives fluid to be pressurized from a bifurcated inlet 122 and discharges pressurized fluid from the impeller unit to an outlet 126.

No. of Pages : 18 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.407/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR PROVIDING ENTERPRISE INFORMATION TECHNOLOGY LIFECYCLE TOOLS SYNCHRONIZATION PLATFORM

| | | |
|---|-------------|---|
| (51) International classification | :G06Q 50/00 | (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)CHERUSSERI, SURESH |
| (87) International Publication No | :N/A | 2)MISHRA, SATYA NARAYAN |
| (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 system and method for integrating and assembling of multiple service delivery tools created on disparate technologies on a common enterprise product assembly platform. Further, the invention provides an reference architecture and method for orchestrating the assembled service delivery tools and monitoring the lifecycle of an activity in the service delivery.

No. of Pages : 20 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.389/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : SYSTEM AND METHOD FOR ASSESSMENT OF RISK ASSOCIATED WITH SERVER MIGRATION

| | | |
|---|-------------|---|
| (51) International classification | :G01R 31/30 | (71)Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED |
| (31) Priority Document No | :NA | Address of Applicant :Nirmal Building 9th Floor Nariman |
| (32) Priority Date | :NA | Point Mumbai Maharashtra India |
| (33) Name of priority country | :NA | (72)Name of Inventor : |
| (86) International Application No | :NA | 1)VAZHAYIL Praneet Padinchare |
| Filing Date | :NA | 2)SETHUNATHAN Gopakumar |
| (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 assessment of risk associated with server migration is described. The method includes providing, over a communication network (106), a plurality of parameter queries corresponding to the server migration from a source server onto a target server in a migration environment. A weight is assigned to each of the plurality of parameters queries. Further, inputs on each of plurality of parameter queries are obtained from one or more stakeholders over the communication network (106). The stakeholders are associated with the migration environment. The risk associated with server migration is determined based on the inputs from the one or more stakeholders and the weights assigned to each of the plurality of parameter queries.

No. of Pages : 25 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3025/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :25/10/2011

(43) Publication Date : 16/08/2013

(54) Title of the invention : A MODULAR ROD TYPE RESISTIVE SUPERCONDUCTOR FAULT CURRENT LIMITER EQUIPMENT AND ASSEMBLY

| | | |
|---|------------|--|
| (51) International classification | :G01R15/14 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)CROMPTON GREAVES LIMITED |
| (32) Priority Date | :NA | Address of Applicant :CG HOUSE,6th FLOOR,DR. ANNIE |
| (33) Name of priority country | :NA | BESANT ROAD,WORLI, MUMBAI 400 030, Maharashtra India |
| (86) International Application No | :NA | 2)CENTRAL POWAR RESEARCH INSTITUTE |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | :N/A | 1)DIXIT MANGLESH |
| (61) Patent of Addition to Application Number | :NA | 2)LOBO ANTHONY MARCEL |
| Filing Date | :NA | 3)KULKARNI SANDEEP |
| (62) Divisional to Application Number | :NA | 4)SUKALI RAMESH |
| Filing Date | :NA | |

(57) Abstract :

A modular rod type resistive superconductor fault current limiter equipment, said equipment comprises a poly-sided elongate (rod shaped) substrate adapted to host a plurality of strips of superconductors which are axially aligned, such that there is at least one superconductor strip along one side of the poly-sided substrate; and an assembly for stacking a plurality of said equipment together, in a spaced apart manner, to provide modular rating by adding or removing said equipment.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.364/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :08/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : IMPROVED SHUNT REACTOR WITH AUXILIARY WINDINGS

| | | |
|---|---------------|--|
| (51) International classification | :H02P 9/10 | (71)Name of Applicant : 1)CROMPTON GREAVES LIMITED |
| (31) Priority Document No | :NA | Address of Applicant :CG HOUSE, 6TH FLOOR, DR.ANNIE |
| (32) Priority Date | :NA | BESANT ROAD, WORLI, MUMBAI-400 030, Maharashtra |
| (33) Name of priority country | :NA | India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)PATIL SHUBHANGI |
| (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 auxiliary winding arrangement in a shunt reactor with shell type core construction comprises: a main winding wound concentrically over a central portion of a central limb; and auxiliary winding made with a plurality of sections being attached together with stiff insulation blocks wound over said central limb and being electrically insulated therefrom.

No. of Pages : 18 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.365/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :08/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : A NUTSERT CRIMPING TOOL FOR STRUCTURAL FRAME MEMBER.

| | | |
|---|-------|--|
| (51) International classification | :B23B | (71)Name of Applicant : |
| (31) Priority Document No | 17/00 | 1)LARSEN & TOUBRO LIMITED |
| (32) Priority Date | :NA | Address of Applicant :L&T HOUSE, BALLARD ESTATE, |
| (33) Name of priority country | :NA | MUMBAI-400001, MAHARASHTRA STATE, India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)ROHIDAS H. LASTE |
| (87) International Publication No | :N/A | 2)HARSHA S. MAHABAL |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A nutsert crimping tool comprising a nut and a bolt having a handle at first end and a no threading part near second end of the bolt. A nutsert holding component is provided that has teeth at the bottom side to hold a nutsert in place and having a step at the bottom side for deciding the desired forming of the nutsert. For forming of the nutsert, the nutsert is inserted in any structural frame member, rotational movement of the nutsert is restricted and the nut can be tightened at that instant without allowing it to enter the structural frame member while pulling the bolt out from the structural frame member.

No. of Pages : 14 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.346/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :06/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : A COMPOSITION COMPRISING NATURAL RUBBER AND ETHYLENE ACRYLIC ELASTOMER, A METHOD TO OBTAIN THE COMPOSITION AND APPLICATIONS THEREOF

| | | |
|---|------------------------|---|
| (51) International classification | :C08L 23/08, C08L 7/00 | (71)Name of Applicant : 1)TATA MOTORS LIMITED Address of Applicant :Bombay House 24 Homi Mody Street Hutatma Chowk Mumbai 400 001 Maharashtra India |
| (31) Priority Document No | :NA | (72)Name of Inventor : |
| (32) Priority Date | :NA | 1)ANANDAN SIVAKUMAR |
| (33) Name of priority country | :NA | 2)RAGHAVENDRA GOPAL |
| (86) International Application No | :NA | |
| Filing Date | :NA | |
| (87) International Publication No | : NA | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present disclosure relates to a composition comprising natural rubber (NR) and ethylene acrylic elastomer (AEM), optionally along with industrially acceptable excipient. The present disclosure also relates to a method of obtaining said composition as well as its application by way of an automotive suspension bushing composed of the said composition.

No. of Pages : 61 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.347/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :07/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : IMPROVED PROCESS FOR PREPARATION OF L-VALINE BENZYL ESTER P-TOLUENE SULFONATE

| | | |
|---|------------------------------------|--|
| (51) International classification | :C07C 309/00, C07C 303/00 | (71)Name of Applicant : 1)CALYX CHEMICALS AND PHARMACEUTICALS LTD. Address of Applicant :2, MARWAH'S COMPLEX, SAKIVIHAR ROAD, SAKINAKA, ANDHERI (E), MUMBAI- 400 072, 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)TALUKDAR, SANJAY |
| Filing Date | :NA | 2)DEY, NITIN |
| (87) International Publication No | :N/A | 3)LAL, BANSI |
| (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 improved and commercially viable process for preparation of L-valine benzyl ester p-toluenesulfonate wherein said product is isolated employing anti-solvent selected from a cycloalkane or branched aliphatic ether.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.385/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :12/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : STENT-BASED EXTRA-VENOUS SUPPORT FOR VENOUS VALVE REPAIR

| | | |
|---|------------|---|
| (51) International classification | :A61F 2/24 | (71)Name of Applicant : 1)SANGOMED S.R.L |
| (31) Priority Document No | :NA | Address of Applicant :Via Casole dElsa N. 15 - 00139 Roma |
| (32) Priority Date | :NA | (RM) ITALIA |
| (33) Name of priority country | :NA | (72)Name of Inventor : |
| (86) International Application No | :NA | 1)CAMILLI Sante |
| Filing Date | :NA | 2)CAMILLI Daniele |
| (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 oval-shaped extra-venous support for venous valve repair including a cylindrical channel mesh shell the cross-section whereof is oval which is a one-piece one (1) laterally open (g) and includes anchor means (101TM 101• 101• TM; 103TM; 103• 103• TM) in correspondence with at least a cross-section thereof at both the opposite extremities of the major axis thereof. Such major axis is made longer than the intercommissural diameter of an incompetent native valve to be cured so that it is capable of operating as a traction-acting device in cooperation with fastening means to stretch the intercommissural walls of the valve so as to extend the free edges (C1 C2) of the cusps thereof up to recover the capability thereof of coapting with each other.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.386/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : PRODUCT PRICING IN E-COMMERCE

| | | |
|---|-------|---|
| (51) International classification | :G06Q | (71)Name of Applicant : |
| | 30/00 | 1)TATA CONSULTANCY SERVICES LIMITED |
| (31) Priority Document No | :NA | Address of Applicant :Nirmal Building 9th Floor Nariman |
| (32) Priority Date | :NA | Point Mumbai 400021 Maharashtra India |
| (33) Name of priority country | :NA | (72)Name of Inventor : |
| (86) International Application No | :NA | 1)MOHAPATRA Mihir Prasad |
| Filing Date | :NA | 2)SAHU Deepika |
| (87) International Publication No | : NA | 3)CHOWDHURY Saroj |
| (61) Patent of Addition to Application Number | :NA | 4)PANDA Deb |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Systems and methods for dynamically fixing price of a product in an electronic commerce (e-commerce) environment are described. In one embodiment, the method comprises obtaining product information associated with the product. Further, the method comprises extracting a real time market price of at least one product constituent indicated in the product information from at least one market information source. Furthermore, the method comprises evaluating a market price factor for the product based on the extracting, where the market price factor is indicative of impact of market conditions onto the price of the product. Based at least on the product information and the market price factor, a real time selling price of the product may be fixed.

No. of Pages : 23 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.388/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : ASSEMBLY OF METAGENOMIC SEQUENCES

| | | |
|---|------------|---|
| (51) International classification | :G06F19/24 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)TATA CONSULTANCY SERVICES LIMITED |
| (32) Priority Date | :NA | Address of Applicant :Nirmal Building 9th Floor Nariman |
| (33) Name of priority country | :NA | Point Mumbai Maharashtra India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)MANDE Sharmila Shekhar |
| (87) International Publication No | : NA | 2)GHOSH Tarini Shankar |
| (61) Patent of Addition to Application Number | :NA | 3)MEHRA Varun |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Systems and methods for assembly of metagenomic sequences are described herein. In one embodiment a plurality of metagenomic sequences is represented in three dimensional space to obtain a plurality of sequence vectors. Based on plurality of the sequence vectors a cuboid having a plurality of grids is defined in the three dimensional space such that it encompasses the plurality of metagenomic sequences. Further the plurality of metagenomic sequences is assembled into one or more contigs based on traversal of the plurality of grids. In one implementation the one or more contigs are assembled such that a contig includes metagenomic sequences probably originating from the same genome.

No. of Pages : 28 No. of Claims : 14

(54) Title of the invention : AN EXPANDING MANDREL FOR ALIGNING A LAMINATION STACK FORMED THERE AROUND

| | | |
|---|----------------|--|
| (51) International classification | :H02K 15/02 | (71)Name of Applicant : 1)CROMPTON GREAVES LIMITED |
| (31) Priority Document No | :NA | Address of Applicant :CG HOUSE, 6TH FLOOR, DR.ANNIE |
| (32) Priority Date | :NA | BESANT ROAD, WORLI, MUMBAI-400 030, Maharashtra |
| (33) Name of priority country | :NA | India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)KELUSKAR CHANDRASEKHAR |
| (87) International Publication No | :N/A | 2)PATIL SHARAD |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

An expanding mandrel (1) for aligning a lamination stack (2) formed there around, the expanding mandrel (1) comprising a mandrel housing (7) which being a hollow cylindrical body mounted on a base (5), a plurality of spaced apart key housings (8) held within a longitudinal groove (3) on an outer surface of the mandrel housing (7), an alignment key (11) held within each key housing (8) in a longitudinal slit (10) on an outer surface of the key housing (8), a plurality of spaced apart push pads (13) held on an inner surface of each key housing (8) along the length of the slits (10) on the corresponding outer surface of each key housing (8) such that the push pads (13) extending into the hollow portion of the mandrel housing (7) through corresponding slots (9) provided on an inner surface of the mandrel housing (7), a spring (14) extending circumferentially within a wall of the mandrel housing (7) through the key housings (8) and the respective alignment keys (11) therein, a cam assembly (15) comprising a cylindrical cam housing (16) held rotatably on the base (4) within the hollow portion of the mandrel housing (7) and a plurality of spaced apart cams (17) held on an outer surface of the cam housing (16) such that an outer surface of each cam (17) facing the inner surface of the mandrel housing (7) and maintaining a clearance therewith, the number of cams (17) being equal to the number of push pads (13) in a key housing (8), the outer surface of each cam (17) comprising a plurality of spaced apart protrusions (23), the number of protrusions (23) on each cam (17) being equal to the number of push pads (23) facing the outer surface of each cam (17), wherein the placement of the cams (17) on the cam housing being such that in an unexpanded position of the mandrel said protrusions (23) being disposed adjacent to the corresponding push pad (13) and upon rotation of the cam housing (16) said protrusions (23) being brought in front of the push pads (13) for creating a push switch effect on the push pads (13) wherein upon said pushing of the push pads (13) the spring-held alignment keys (11) within the key housings (8) being pushed by the corresponding push pads (23) beyond the outer surface of the mandrel housing (7) thereby expanding the mandrel and upon retracting the cam housing (16) back to its original position, the alignment keys (11) being retracted back to its original position in the absence of push-switch effect and loss of spring tension.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.375/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : METHOD FOR STREAMING RAW UNCOMPRESSED VIDEO OVER ETHERNET NETWORK

| | | |
|---|-------|---|
| (51) International classification | :H04N | (71)Name of Applicant : |
| | 7/24 | 1)Rajeev Prasad Gupta |
| (31) Priority Document No | :NA | Address of Applicant :303 Sriraj Apartment Vastrapur Road |
| (32) Priority Date | :NA | Ahmedabad 15 Gujarat India |
| (33) Name of priority country | :NA | (72)Name of Inventor : |
| (86) International Application No | :NA | 1)Rajeev Prasad Gupta |
| Filing Date | :NA | 2)J. Govindarajan |
| (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 invented method streams raw - uncompressed video or continuous images over Ethernet network of interconnected computerized or similar devices. The invention provides transmission and reception of video or images over high speed Ethernet without any loss of information or loss of image pixel. Prior art technology streams compressed video or images resulting in loss of information; hence present technology is deficient for the purpose of scientific and medical video streaming. This invention provides loss-less transmission and reception of raw-video or image packets for scientific, medical and research applications. In a particular embodiment, the method is useful for exact temperature measurement of each pixel of a thermal image, which is obtained using an Infra-red camera. The invention is applicable for remote study of any hazardous event. The method can be implemented on any video or image processing device such as camera, computer or similarly networked devices.

No. of Pages : 17 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.377/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : ROLE-BASED CONTENT RENDERING

(51) International classification

:G06F
17/30

(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)TATA CONSULTANCY SERVICES LIMITED

Address of Applicant :Nirmal Building 9th Floor Nariman
Point Mumbai 400021 Maharashtra India

(72)Name of Inventor :

1)RAMESH Rajini

2)GARLAPATI Madhavi

(57) Abstract :

Systems and methods for rendering role-based content are described herein. The system (102) includes a registration module (212) configured to define an application role in a metadata driven framework for providing selective access to the content. The content may include data and content objects. The registration module (212) may also be configured to associate content objects with the application role. The system (102) may also include an authentication module (116) configured to authenticate a user from a plurality of users. The user may be authenticated based on log-in credentials of the user. The authentication module (116) may also determine the application role of the user. Additionally, the authentication module (116) may identify one or more content objects based on the determined application role of the user. The content objects may be identified based on the application role of the user.

No. of Pages : 43 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.378/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : CLINICAL INSTRUMENT FOR MEASURING THE GLOSS OF THE TOOTH

| | |
|---|-------------|
| (51) International classification | :G01J003/46 |
| (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)DR. SHRIKANT CHITKO
Address of Applicant :FLAT NO.2, GOSHIBA MAJESTY,
GANGAPUR ROAD, NASHIK, Maharashtra India
2)DR. KURIL RAJESH B
(72)Name of Inventor :
1)DR. SHRIKANT CHITKO
2)DR. KURIL RAJESH B

(57) Abstract :

An instrument to measure dental gloss comprising: a) a substrate; b) a slider for sliding the scale which is used to measure reflectivity of the tooth; c) a transparent sheet; d) a light source. A method of evaluating the gloss of the dental surface is also described comprising: putting the bulb on, drawing the tube side of the instrument is kept in contact with the dental surface; the light reflected from the dental surface is observed on the transparent screen; the instrument is moved to and fro keeping the tube in contact with the dental surface to match the intensity of light observed on both the sides; the intensity is matched and reading is obtained from the scale of the tube; a chart is provided to compare gloss in percentage as compared to the standard dental surface which is taken as 100%. procedure is repeated after use of oral hygiene product viz. dentifrice, earlier & later results are compared to evaluate the change in shine of the tooth.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.373/MUM/2012 A

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR CONTROLLING IGNITION TIMING OF AN INTERNAL COMBUSTION ENGINE

| | | |
|---|----------------|--|
| (51) International classification | :F02M 11/06 | (71)Name of Applicant : 1)SEDEMAC MECHATRONICS PVT LTD |
| (31) Priority Document No | :NA | Address of Applicant :SINE PREMISES, THIRD FLOOR, |
| (32) Priority Date | :NA | CSRE BUILDING IIT BOMBAY, POWAI MUMBAI 400076, |
| (33) Name of priority country | :NA | Maharashtra India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)AMIT DIXIT |
| (87) International Publication No | :N/A | 2)SHASHIKANTH SURYANARAYANAN |
| (61) Patent of Addition to Application Number | :NA | 3)PUSHKARAJ PANSE |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A system and method of calculating ignition timing of a spark-ignited internal combustion engine that results in optimal operation of engine while ensuring suitable knock margin is provided. A base ignition timing base is calculated using engine operating parameters, an additional ignition timing ssc is calculated using an adaptive slope-seeking controller and a resultant ignition timing is calculated using the two calculated ignition timings. The operation of the slope-seeking controller (82) is controlled based on engine operating conditions.

No. of Pages : 40 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3791/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : SLURRY PHASE POLYMERISATION PROCESS

| | |
|---|--------------------|
| (51) International classification | :C08F10/00 |
| (31) Priority Document No | :09174646.1 |
| (32) Priority Date | :30/10/2009 |
| (33) Name of priority country | :EPO |
| (86) International Application No | :PCT/EP2010/066314 |
| Filing Date | :28/10/2010 |
| (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)INEOS MANUFACTURING BELGIUM NV
Address of Applicant :SCHELEDELAAN 482 B-2040
ANTWERPEN Belgium
(72)**Name of Inventor :**
1)MARISSAL Daniel

(57) Abstract :

Process for polymerising, in a loop reactor, at least one olefin monomer in a liquid diluent to produce a slurry comprising solid particulate olefin polymer and said diluent, wherein the ratio between the actual volumetric solids concentration of the slurry and the maximum possible geometric volume solids concentration of the slurry as measured by the bulk density of an unpacked settled bed of particles, SVCR, is $V0.065$ or greater, and the ratio of the cumulative settling distance of an average size particle at any point in the reactor in any direction perpendicular to the direction of the flow, to the internal diameter of the loop reactor, is maintained below $[0.084(V - 6.62) + (0.69 - SVCR)1.666]$, where V is the circulation velocity of the slurry in m/s and cumulative settling distance is defined as the cumulative distance, expressed as a fraction of the diameter, travelled by a particle in any direction perpendicular to the direction of the flow since the previous upstream pump.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3792/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : TUNING ELEMENT ASSEMBLY AND METHOD FOR RF COMPONENTS

(51) International classification :H01P1/205
(31) Priority Document No :12/609,890
(32) Priority Date :30/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/053499
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)ALCATEL LUCENT
Address of Applicant :3 avenue Octave Grard F-75007 Paris
France
(72)Name of Inventor :
1)TASKILA Jari M.
2)LUKKARILA Teppo M
3)STANEK Andrezej E.

(57) Abstract :

Various exemplary embodiments relate to a tuning element assembly and method for tuning an a radio frequency (RF) component, where the component has one or more walls defining a cavity, with at least one wall having at least one bore hole. A bushing is mounted in the bore hole in the wall, and a tuning element is slidably mounted and received in the bushing so that the tuning element projects inwardly through the bushing and into the cavity and is axially adjustable. A method of tuning an RF component also includes providing a bushing mounted in a bore in a wall of the RF component, sliding a tuning element that is slidably mounted and received in the bushing so that the tuning element projects inwardly through the bushing and into the cavity by a distance varying according to the sliding of the tuning element, monitoring a performance characteristic of the RF component, and releasing the tuning element so that a desired performance characteristic is achieved.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3793/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : WATER STOP TREATMENT METHOD AND INSULATING COVERED ELECTRIC WIRE

(51) International classification :H01B13/32
(31) Priority Document No :2009-250786
(32) Priority Date :30/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/068879
Filing Date :25/10/2010
(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)YAZAKI CORPORATION
Address of Applicant :4-28 Mita 1-chome Minato-ku Tokyo
Japan
(72)Name of Inventor :
1)KURIYAGAWA Masaru

(57) Abstract :

A water stopping treatment simply and assuredly prevents water from moving or entering to a circuit board or the like. A one end of a core wire (41) is exposed from an insulation cover (42). An exposing part (A) that is peeled off from the insulation cover (42) and exposed from the insulation cover (42) is formed at an arbitrary position from the one end to the other end of the core wire. A water stopping agent (48) is filling from the exposing part (A) toward the other end of the core wire (41).

No. of Pages : 41 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3794/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF HYPERBRANCHED HOLLOW

(51) International classification :D01D5/24
(31) Priority Document No :09 174 444.1
(32) Priority Date :29/10/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/066141
Filing Date :26/10/2010
(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 SE
Address of Applicant :67056 Ludwigshafen Germany
2)National University of Singapore
(72)Name of Inventor :
1)WEBER Martin
2)WARZELHAN Volker
3)CHUNG Tai-Shung
4)WIDJOJO Natalia

(57) Abstract :

The invention relates to a process for the preparation of a hollow filament (F) based on one or several molten or dissolved hyperbranched polymers (P) and potentially one or several further polymers (FP) characterized in that the molten or dissolved hyperbranched polymer (P) or the mixture of the hyperbranched polymer (P) with the further polymer (FP) is passed through one or several spinnerets (S) wherein the ratio between the spinneret die-length (L) and the die-channel (Delta-D) is between 0.1 and 9.5. The process can be applied for the preparation of hyperbranched polyethersulfone (HPES) hollow filaments.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3840/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : HOST INITIATED CONNECTION TO A DEVICE

(51) International classification :H04W76/02

(31) Priority Document No :12/615,411

(32) Priority Date :10/11/2009

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

(86) International Application No :PCT/US2010/056028

Filing Date :09/11/2010

(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)QUALCOMM Incorporated

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714 USA.

(72)Name of Inventor :

1)MANOR Liron

2)EITAN Alecsander P.

3)BAR BRACHA Vered

(57) Abstract :

Systems and methods for initiating a connection between a host and a device in a personal area network are described herein. In one embodiment the method comprises broadcasting a request for services comprising information indicative of a type of device or service. The method further comprises receiving responses from a first device and a second device each configured to service the request. The method further comprises connecting to the first device.

No. of Pages : 36 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3843/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : POLYURETHANE FORMULATION WITH HIGH GREEN STRENGTH AND GUNNABILITY

(51) International classification :C08G18/10

(31) Priority Document No :61/248,690

(32) Priority Date :05/10/2009

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

(86) International Application No :PCT/EP2010/062551

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

(71)Name of Applicant :

1)Construction Research & Technology GmbH

Address of Applicant :Dr.-Albert-Frank-Str. 32 83308

Trostberg. Germany

(72)Name of Inventor :

1)BUSHENDORF Paula

2)DAVIS John

3)PORSCH Michael

(57) Abstract :

A moisture-curable polyurethane formulation is provided capable of curing to form a reaction product having high green strength and being dispensable from a caulking gun. The polyurethane formulation comprises at least one isocyanate-terminated prepolymer at least one rheology modifier or filler optionally monomeric/polymeric isocyanate and at least one urea-based thixotropic additive added to the formulation or formed in situ to provide greater than 1% of urea groups in the reaction product. A method for making a moisture-curable polyurethane formulation capable of curing to form a reaction product and methods of bonding materials together using the formulation are also provided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3844/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : METHOD FOR ISOLATING METHYLGLYCINENITRILE-N N-DIACETONITRILE

(51) International classification :C07C253/34

(31) Priority Document No :09172246.2

(32) Priority Date :05/10/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2010/054382

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 SE

Address of Applicant :67056 Ludwigshafen Germany

(72)Name of Inventor :

1)JUDAT Bernd

2)OFTRING Alfred

3)STAMM Armin

4)TEICH Friedhelm

(57) Abstract :

The present invention relates to a method for isolating methylglycinenitrile-N Ndiacetonitrile (MGDN) from an aqueous mixture comprising MGDN comprising cooling the aqueous mixture in one or more steps in one of these steps the mixture being cooled at a cooling rate of at least 20 K/h from a temperature above the solidification point of MGDN to a temperature below the solidification point of MGDN the method being implemented continuously.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3845/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : EXPANDABLE THERMOPLASTIC NANOCOMPOSITE POLYMERIC COMPOSITIONS WITH AN IMPROVED THERMAL INSULATION CAPACITY

| | |
|---|--------------------|
| (51) International classification | :C08J9/00 |
| (31) Priority Document No | :MI2009A001715 |
| (32) Priority Date | :07/10/2009 |
| (33) Name of priority country | :Italy |
| (86) International Application No | :PCT/IB2010/002547 |
| Filing Date | :06/10/2010 |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)**Name of Applicant :**
1)POLIMERI EUROPA S.P.A.
Address of Applicant :Piazza Boldrini 1 I-20097 San Donato Milanese (Milano) Italy
(72)**Name of Inventor :**
1)FELISARI Riccardo
2)VALENTINO Olga
3)CASALINI Alessandro

(57) Abstract :

Nanocomposite compositions based on expandable thermoplastic polymers which comprise: a) a polymeric matrix produced by the polymerization of a base comprising one or more polymerizable monomers; b) 1-10% by weight calculated with respect to the polymer (a) of an expanding agent englobed in the polymeric matrix; c) 0.004-15% by weight calculated with respect to the polymer (a) of an athermanous filler comprising nano-scaled graphene plates with a thickness (orthogonal to the graphene sheet) not greater than 150 nm an average dimension (length width or diameter) not greater than 10 micrometers and a surface area > 50 m²/g.

No. of Pages : 86 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3846/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : MICROSCALE MULTIPLE-FLUID-STREAM BIOREACTOR FOR CELL CULTURE

(51) International classification :C12M3/06
(31) Priority Document No :12/573,561
(32) Priority Date :05/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/051461
Filing Date :05/10/2010
(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

(71)Name of Applicant :
**1)THE CHARLES STARK DRAPER LABORATORY
INC.**
Address of Applicant :555 Technology Square Cambridge
MA 02139-3563 USA.
(72)Name of Inventor :
1)CHAREST Joseph L.
2)BORENSTEIN Jeffrey T.

(57) Abstract :

Microfluidic bioreactor devices may feature intercommunicating microchannels defined in two polymer layers separated by a membrane. A geometric parameter associated with the microchannels in one layer may vary along a length of those channels.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3847/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : METHOD AND DEVICE FOR THE OPTIMIZED CIRCULATION OF RODS IN THE PRODUCTION OF A SEAMLESSLY HOT-FABRICATED STEEL PIPE ACCORDING TO THE CONTINUOUS PIPE METHOD

(51) International classification :B21B17/04
(31) Priority Document No :10 2009 053 166.1
(32) Priority Date :02/11/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2010/001252
Filing Date :25/10/2010
(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)V & M Deutschland GmbH
Address of Applicant :Rather Kreuzweg 106 40472
D4sseldorf Germany
(72)Name of Inventor :
1)KMMERLING Rolf
2)HAGEMANN Frank
3)MONIZ PEREIRA Gabriel
4)SCH.,FER Nils
5)JOHNSON Ken
6)CHAMBERLAIN Brad

(57) Abstract :

The invention relates to a device for the optimized circulation of mandrels, comprising a presentation and/or cooling table (1) for mandrels, a lubricating station (2) for the mandrels, in some cases an additional drying station for the lubricant applied to the mandrels, and associated roller conveyors (3, 4). A further secondary circulation of rods is arranged upstream of the standard circulation of rods and comprises two redundantly operating transfer tables (11, 12), which are connected to the presentation and/or cooling table by means of a third roller conveyor (2) or the first roller conveyor for the discharge of no longer needed rods from the standard circulation of rods, wherein the third roller conveyor either forms the continuation of the first roller conveyor or is arranged parallel thereto at an offset. Furthermore, a fourth roller conveyor (9) for accommodating mandrels or passing mandrels into the standard circulation of rods by means of an intermediate buffer in an intermittent manner is provided on the opposite side of the transfer tables parallel to the first roller conveyor.

No. of Pages : 22 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3835/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : INTELLIGENT RING DOFFER

(51) International classification :D01H9/08
(31) Priority Document No :200910218809.0
(32) Priority Date :04/11/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/078396
Filing Date :04/11/2010
(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)SOBONE MACHINERY CO. LTD.

Address of Applicant :No. 2755-2 Cuihu 1st Road Economic
and Technological Development Zone Tongling City Anhui
244000 China.

2)TSINGHUA UNIVERSITY

(72)Name of Inventor :

1)RUAN Yunsong

2)SUO Shuangfu

3)WANG Labao

4)WANG Zhihao

5)SONG Lin

6)YU Qingguang

7)CHEN Shan

8)AN Luying

(57) Abstract :

The present invention discloses an apparatus for replacing bobbins on a ring spinning frame. Its object is to provide an intelligent ring doffer with high yarn-pulling efficiency and less damage to the apparatus. The said intelligent ring doffer comprises a doffing trolley mounted at one side of the ring spinning frame and containing a 3D robot above. On the 3D robot is fixed an asynchronous bobbin-pulling mechanism comprising a beam installed with two fixed bobbin-pulling devices at the side each having a connect block and a manipulator. Between the two bobbin-pulling devices is installed movable bobbin-pulling device comprising an upper and a lower limit plates which are connected by a vertical sliding rail. On the vertical sliding rail is disposed a vertical slider which is connected to a manipulator for grabbing and releasing a bobbin. A return spring is placed between the vertical slider and the lower limit plate

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3838/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : USE OF A METAL SUPPLEMENT IN ANIMAL FEED•

| | |
|---|--------------------|
| (51) International classification | :A23K1/16 |
| (31) Priority Document No | :09174696.6 |
| (32) Priority Date | :30/10/2009 |
| (33) Name of priority country | :EPO |
| (86) International Application No | :PCT/EP2010/066187 |
| Filing Date | :26/10/2010 |
| (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)AKZO NOBEL CHEMICALS INTERNATIONAL B.V.
Address of Applicant :Stationsstraat 77 NL-3811 MH
Amersfoort The Netherlands
(72)**Name of Inventor :**
1)WREESMANN Carel Theo Jozef
2)REICHWEIN Adrianus Maria
3)VAN DOORN Marcellinus Alexander
4)MARTIN-TERESO LPEZ Javier

(57) Abstract :

The invention pertains to the use of a supplementfor making metals (nutritionally) available to animals said supplement comprising at least one compound selected from the group consisting of glutamic acid N N-diacetic acid (GLDA) a metal complex of GLDA a sodium salt of GLDA a potassium salt of GLDA methylglycine-N N-diacetic acid (MGDA) a metal complex of MGDA a sodium salt of MGDA a potassium salt of MGDA ethylenediamine N N-disuccinic acid (EDDS) a metal complex of EDDS a sodium salt of EDDS a potassium salt of EDDS iminodisuccinic acid (IDS) a metal complex of IDS a sodium salt of IDS and a potassium salt of IDS.

No. of Pages : 22 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3839/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : ACCESS TERMINAL-ASSISTED TIME AND/OR FREQUENCY TRACKING

(51) International classification :H04W56/00

(31) Priority Document No :61/262,091

(32) Priority Date :17/11/2009

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

(86) International Application No :PCT/US2010/057107

Filing Date :17/11/2010

(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)QUALCOMM Incorporated

Address of Applicant :Attn: International IP Administration
5775 Morehouse Drive San Diego California 92121-1714 USA.

(72)Name of Inventor :

1)PATEL Chirag Sureshbhai

2)YAVUZ Mehmet

3)MAKH Vansh Pal Singh

4)BLESSENT Luca

(57) Abstract :

An access point (e.g. a femto cell) that is connected in an active call with an access terminal may cooperate with that access terminal or another access terminal to derive timing information from one or more neighboring access points (e.g. macro access points). In addition an access point may cooperate with an idle access terminal to derive timing information from one or more neighboring access points. For example an access terminal may determine the difference between pilot transmission timing or frame transmission timing of a femto cell and a macro cell and report this timing difference to the femto cell. Based on this timing difference the femto cell may adjust the timing and/or frequency of its transmissions so that these transmissions are synchronized in time and/or frequency as per network operation requirements.

No. of Pages : 92 No. of Claims : 59

(12) PATENT APPLICATION PUBLICATION

(21) Application No.520/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : WAVE VENTILATOR - A BEACH RESTORATION AND AN ANTISEA EROSION PROJECT

| | | |
|---|-------|---|
| (51) International classification | :E02B | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)REGHUNADHA PANICKER.V. |
| (32) Priority Date | :NA | Address of Applicant :HOUSE NO. 1X/935, ARCADE 67 |
| (33) Name of priority country | :NA | NEETHINAGAR, PATTATHANAM, KOLLAM, PIN - 691 021 |
| (86) International Application No | :NA | Kerala India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)REGHUNADHA PANICKER.V. |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Mangrove vegetation growing under very hostile environment in clayey soil , partly submerged during high tides at the tropics on this Planet Earth is positioned in a very critical location between water and terrestrial area. This is a transition point especially in view of the fact that Earth is considered a Water Planet as 71%(361.2 million km²) is covered with water and 29%(147.5 million km²) is only covered with terrestrial area. With the result if there is no adequate soil protection at the transition point there is every usability for eroding the soil in to the water. In fact water can conceive the whole terrestrial area. Mangroves, a halophytic evergreen species develop important morphological and physiological adaptations which are purposely designed to neutralize Wave Energy to prevent eroding the 1/3 land area in to the sea. The destruction of this eco system or absence at present, along most of the sea coast across the world, freely induces soil erosion by sea waves. The principles by which Mangroves provide protection for soil from erosion constitute Mangrove Theory. The concept of Wave Ventilator is developed based on these principles with the required strength, creating a VENTILATED BARRIOR to neutralize wave energy . Additional benefits of the Wave ventilator is that it is a movable structure. As soon as sand is filled in between the structure and sea shore it is lifted shifted and advanced in to the sea for further BEACH RESTORATION. Repeat lifting and shifting to restore required extent.

No. of Pages : 18 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.498/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : METHODS FOR LYSING BACTERIA FROM SAMPLE AND ISOLATING CELLULAR COMPONENTS THEREFROM, AND KITS THEREFOR

| | |
|---|----------------|
| (51) International classification | :C12N |
| (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 | :3410/CHE/2011 |
| Filed on | :01/10/2011 |

(71)**Name of Applicant :**
1)REAMETRIX INC.
Address of Applicant :1585 INDUSTRIAL ROAD, SAN CARLOS, CA 94070-4130 U.S.A.
(72)**Name of Inventor :**
1)MALOY GHOSH
2)SRIDHAR RAMANATHAN
3)ARCHANA PADMANABHAN NAIR

(57) Abstract :

The invention provides a method for isolation of bacterial DNA from a sample. The method comprises preparing the sample to provide a prepared sample, which is characterized by providing a composition for sample preparation comprising at least one reducing agent; and at least one chaotrope; adding sample to the composition for sample preparation to provide a sample mixture; filtering the sample mixture to provide a filtered sample mixture; and concentrating the filtered sample mixture to provide a prepared sample. The method then includes contacting the prepared sample with an effective amount of lysing agent. Further, cellular components can be isolated from the lysed bacteria without being damaged. Also, the cellular components are made available for further downstream processing such as amplification and detection. A bacteria lysing kit for lysing bacteria from sample to provide cellular components that may then be used for amplification and detection is also described herein.

No. of Pages : 27 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(21) Application No.510/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : A METHOD FOR ORGANIZING CALENDAR IN A COMMUNICATION DEVICE

(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

(71)Name of Applicant :

1)Samsung India Software Operations Pvt Ltd

Address of Applicant :Bagmane Lakeview Block B No. 66/1

Bagmane Tech Park CV Raman Nagar Byrasandra Bangalore

Karnataka India

(72)Name of Inventor :

1)Rajendra Subramanyaiah

(57) Abstract :

A system and method for organizing events in the calendar on a device is disclosed. The method enables a user to create events and send the calendar event to the members of his choice. Further the method generates a unique tag and associates the tag with the event. The event is then sent. Further members may respond to the received event or any other event. The device then checks whether the tag associated with the response. If associated then response is grouped under the particular event. If the device finds no tag associated with the event then it treats the response as a normal message. The method enables a user to view all the information exchanged on a particular event in a calendar for a period of time.

No. of Pages : 36 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3848/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : METHOD FOR TREATING BIOMASS MATERIAL AND METHOD FOR USING HEAT ENERGY

(51) International classification :B09B3/00
(31) Priority Document No :2009-233054
(32) Priority Date :07/10/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/066158
Filing Date :17/09/2010
(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)TANIGURO Katsumori
Address of Applicant :1100 Shiobara Nasushiobara-shi
Tochigi 329-2921 Japan
(72)Name of Inventor :
1)TANIGURO Katsumori
2)IWABUCHI Kazunori

(57) Abstract :

A method of treating biomass material, which can achieve volume reduction or carbonization of biomass material can be achieved at extremely low cost, is disclosed. The method of treating biomass material to achieve volume reduction or carbonization of one type or more of biomass material which is selected among food scraps, livestock excreta, agricultural waste products, marine waste products and forest waste products in a pressurizable and heatable container, includes: placing the biomass material in the container; setting an initial condition of the container after placing the biomass material, the initial condition including all of (a) an atmosphere in the container having oxygen, (b) a temperature range in the container being equal to or greater than 55 degree Celsius and equal to or less than 80 degree Celsius,(c) a pressure range in the container being equal to or greater than atmospheric pressure and equal to or less than 15 atmospheric pressure and (d) carbon monoxide concentration being equal to or greater than 100ppm; increasing temperature of the biomass material over 80 degree Celsius under the initial condition; setting a continuation condition after initiating increase in the temperature of the biomass to over 80 degree Celsius under the initial condition, the continuation condition including (i) the atmosphere in the container having oxygen, (ii) the pressure range in the container being equal to or greater than atmospheric pressure and equal to or less than 15 atmospheric pressure and (iii) a carbon monoxide concentration in the container being equal to or greater than 100ppm; and maintaining the continuation condition, in order to spontaneously increase temperature of the biomass material over at least 150 degree Celsius, and achieve volume reduction or carbonization of the biomass material.

No. of Pages : 43 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3849/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : A SCAFFOLD MATERIAL FOR WOUND CARE AND/OR OTHER TISSUE HEALING APPLICATIONS

| | |
|---|--------------------|
| (51) International classification | :A61L27/36 |
| (31) Priority Document No | :61/249,341 |
| (32) Priority Date | :07/10/2009 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No | :PCT/IB2010/002528 |
| Filing Date | :06/10/2010 |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)Name of Applicant :

1)KERECIS EHF

Address of Applicant :Borgartun 28 IS-105 Reykjavik Ice Land

(72)Name of Inventor :

1)SIGURJONSSON Gudmundur Fertram

2)GISLADOTTIR Dora Hlin

3)GUDMUNDSSON Gudmundur PhD

(57) Abstract :

A scaffold material for wound care and/or other tissue healing applications and methods for making the same is described. The scaffold material is constituted of a decellularized extracellular matrix from fish skin. The scaffold material may also include lipids from the lipid layer of the fish skin. Methods for making and using the scaffold material are also described.

No. of Pages : 30 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3850/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/04/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : METHOD AND PLANT FOR MANUFACTURING CEMENT

(51) International classification :F27B7/20
(31) Priority Document No :PA 200901099
(32) Priority Date :07/10/2009
(33) Name of priority country :Denmark
(86) International Application No :PCT/IB2010/054523
Filing Date :06/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)FLSMIDTH A/S
Address of Applicant :Vigerslev All 77 DK-2500 Valby
Denmark
(72)Name of Inventor :
1)CHRISTIANSEN Th,ger K,bke

(57) Abstract :

A description is given of a method for manufacturing cement by which method cement raw materials such as limestone and clay are comminuted in a comminution apparatus (1) for subsequently being heated and burned into cement clinker which is subsequently cooled and then directed to a comminution apparatus (1) for comminution to cement. The method is characterized in that said cement raw materials and said cement clinker alternately undergo comminution in one and the same comminution apparatus (1).

No. of Pages : 10 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8690/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 16/08/2013

(54) Title of the invention : TRI- OR TETRASPECIFIC ANTIBODIES

(51) International classification :C07K16/00

(31) Priority Document No :09007052.5

(32) Priority Date :27/05/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/003168
Filing Date :25/05/2010

(87) International Publication No :WO 2010/136172
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)F. HOFFMANN-LA ROCHE AG

Address of Applicant :124 GRENZACHERSTRASSE, CH-
4070 BASEL Switzerland

(72)Name of Inventor :

1)CROASDALE, REBECCA

2)KLEIN, CHRISTIAN

3)SCHAEFER, WOLFGANG

4)SCHANZER, JUERGEN, MICHAEL

(57) Abstract :

The present invention relates to tri- or tetraspecific antibodies, their manufacture and use.

No. of Pages : 90 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.466/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :08/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : A NOVEL HERBAL FORMULATION FOR TREATING OBESITY

| | | |
|---|------------|--|
| | | (71)Name of Applicant : 1)M/S ARVIND REMEDIES LTD. Address of Applicant :NO. 190 POONAMALLEE HIGH ROAD, CHENNAI - 600 084 Tamil Nadu India |
| (51) International classification | :A61K36/00 | (72)Name of Inventor : |
| (31) Priority Document No | :NA | 1)MR. G. RAMESH KUMAR |
| (32) Priority Date | :NA | 2)DR. SUBASHRI BEULAHPRIYADARSINI. B |
| (33) Name of priority country | :NA | 3)DR. SANJAY SHARMA |
| (86) International Application No | :NA | 4)DR. SADAGOPAN THANIKACHALAM |
| Filing Date | :NA | 5)DR. S.P. THYAGARAJAN |
| (87) International Publication No | : NA | 6)DR. CHIDAMBARAM SARAVANA BABU |
| (61) Patent of Addition to Application Number | :NA | 7)DR. JAYAKOTHANDA RAMASWAMY VENKATESH |
| Filing Date | :NA | 8)MISS. VIJAYAN RANJU |
| (62) Divisional to Application Number | :NA | 9)MRS. PERIYATHAMBI KALAIVANI |
| Filing Date | :NA | 10)MISS. SEKAR SATHIYA |
| | | 11)MR. KRISHNAMOORTHY SELVARAJAN |
| | | KESAVANARAYANAN |
| | | 12)MR. ADOOR GOPALAN SUNIL |
| | | 13)MS. NETTAM PRATHYUSHA |

(57) Abstract :

The invention relates to an herbal composition and method for preparing said composition for treating obesity. The composition comprising therapeutically effective amount of extracts of Commiphora wightii, Boswellia serata, Tinospora cordifolia and pharmaceutically acceptable excipients.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.490/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : A MEDICAL DEVICE AND A METHOD FOR PREVENTING USAGE OF THE DEVICE IN UNAUTHORIZED LOCATION

| | | |
|---|-------|---|
| (51) International classification | :A61B | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)GENERAL ELECTRIC COMPANY |
| (32) Priority Date | :NA | Address of Applicant :1 River Road Schenectady New York |
| (33) Name of priority country | :NA | 12345 USA. |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)ARUN BALASUBRAMANIAN |
| (87) International Publication No | : NA | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present disclosure relates to a medical device and a method for restricting use of the medical device to a specified location. The medical device is embedded with an object locator unit which continuously determines the current location of the medical device. This current location is then matched with predefined location information preset in the medical device. In case there is a mismatch the medical device is locked down.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.539/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING SOCIAL INTERACTION WITH PROGRAMMING CONTENT

| | | |
|---|-------|--|
| (51) International classification | :G06Q | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)NOKIA CORPORATION |
| (32) Priority Date | :NA | Address of Applicant :Keilalahdentie 4 FIN-02150 Espoo |
| (33) Name of priority country | :NA | Finland |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)Rajeswari Kannan |
| (87) International Publication No | : NA | 2)Timo Tapani Aaltonen |
| (61) Patent of Addition to Application Number | :NA | 3)Yan Qing Cui |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

An approach is provided for providing social interactions with programming content. The tracking platform processes and/or facilitates a processing of one or more images of one or more users watching programming content to cause, at least in part, an identification of the one or more users. Next, the tracking platform determines one or more social connections among the one or more users, one or more other users, or a combination thereof. Then, the tracking platform causes, at least in part, a transmission of status information associated with the one or more users, the one or more other users, the programming content, or a combination thereof.

No. of Pages : 59 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3755/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : ONE-PIECE SEAT BOTTOM CHASSIS

| | |
|---|--------------------|
| (51) International classification | :B60N2/68 |
| (31) Priority Document No | :61/248,109 |
| (32) Priority Date | :02/10/2009 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No | :PCT/US2010/051081 |
| Filing Date | :01/10/2010 |
| (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)JOHNSON CONTROLS TECHNOLOGY COMPANY
Address of Applicant :915 East 32nd Street Holland
Michigan 49423 USA.
(72)**Name of Inventor :**
1)SAVESKI Alexander
2)ZEKAVICA Ornela
3)AMODEO Catherine M.

(57) Abstract :

A seat bottom chassis includes a pair of brackets configured to support a seat back chassis and a cushion pan extending between the pair of brackets. The seat bottom chassis is formed from a single piece of material.

No. of Pages : 22 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3795/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : METHOD AND DEVICE FOR TESTING THE TENSION STRESS IN TENSION ELEMENTS OF A TENSION ELEMENT CORD

| | |
|---|--------------------|
| (51) International classification | :B66B7/12 |
| (31) Priority Document No | :09174825.1 |
| (32) Priority Date | :03/11/2009 |
| (33) Name of priority country | :EPO |
| (86) International Application No | :PCT/EP2010/066213 |
| Filing Date | :27/10/2010 |
| (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

Address of Applicant :Seestrasse 55 CH-6052 Hergiswil
Switzerland

(72)Name of Inventor :

1)FISCHER Daniel

(57) Abstract :

The invention relates to dispersingly acting compositions as flow agents in the form of flowing screeds and putties for building material mixtures containing calcium sulfates wherein said compositions comprise a copolymer in the form of a polycarboxylate ether and wherein the copolymer is free of dicarboxylic acids as comonomer components. Dispersing agents can be used in an amount ranging from 0.002 to 1.0% by weight and thus provide the end products with a significantly improved early strength wherein layer thicknesses of up to 10 cm can be achieved in the flooring area.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3796/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : PREPARING AND DISPERSING SURFACE-MODIFIED COLOUR PIGMENTS

| | |
|---|--------------------|
| (51) International classification | :C09B67/08 |
| (31) Priority Document No | :09174943.2 |
| (32) Priority Date | :03/11/2009 |
| (33) Name of priority country | :EPO |
| (86) International Application No | :PCT/EP2010/065520 |
| 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 :**
1)AGFA-GEVAERT
Address of Applicant :Corporate IP Department 3622
Septestraat 27 B-2640 Mortsel Belgium
(72)**Name of Inventor :**
1)DEROOVER Geert

(57) Abstract :

A method of preparing a pigment comprising in order the steps of: a) providing a pigment containing a nucleophile group under basic conditions; b) reacting the pigment with a compound according to Formula (1): wherein X is a halogen atom or a tosylate group; and RI and R2 independently represent an alkyl group; and c) hydrolyzing the RI-O bound and/or the R2-O bound. Pigments obtainable by the method and non aqueous pigment dispersions are also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.531/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF DEFENOCONAZOLE

| | | |
|---|-------|--|
| (51) International classification | :A01N | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)TAGROS CHEMICALS INDIA LIMITED |
| (32) Priority Date | :NA | Address of Applicant :JHAVER CENTRE, RAJAH |
| (33) Name of priority country | :NA | ANNAMALAI BUILDING, IVTH FLOOR, 72 MARSHALL'S |
| (86) International Application No | :NA | ROAD, EGMORE, CHENNAI 600 008 Tamil Nadu India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)RAJAIAH SRIKRISHNAN |
| (61) Patent of Addition to Application Number | :NA | 2)M. DAMODIRAN |
| Filing Date | :NA | 3)R. KUPPUSWAMY |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention relates to a novel method for preparing Difenonconazole (I), a systemic fungicide. Intermediates involved at various stages are synthesized by novel procedures.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.546/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : SCANNER VERIFIABLE TAMPER EVIDENT LABEL

(51) International classification :G06K

(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 :625/CHE/2010

Filed on :10/03/2010

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)MR. ASHISH ANAND

Address of Applicant :C-102, SILVER AKRUTHI
APARTMENT, 27TH MAIN, SECTOR 2, ADJACENT TO
PARANIGAPALYA KPTCL POWER GRID STATION,
BANGALORE 560 095 Karnataka India

(72)Name of Inventor :

1)MR. ASHISH ANAND

(57) Abstract :

This invention proposes a tamper-evident special labels named as smartDNA to enable security beyond what you know, what you have and who you are. These labels though uses principle of orientation as mentioned as prior-art but does not use invisible geometric patterns on base label for cost optimization and can still auto-acquire its credential which is not known by insider or outsider. These labels extend per-piece unique credential without need of variable data print during manufacturing. These labels have security properties like auto-acquisition of credential on application, auto-change of credential on re-use and false scanning prohibition. These labels are preferably of circular shapes will have multiple geometric patterns of same shape but varying dimension within narrow range. They are scanned by pre-configured machine-vision based scanner, which calculates orientation of label by selecting only pattern-of-interest which can not be differentiated by human eye. Even if in hypothetical case the credential is known, achieving same precision of orientation during application is almost impossible. These non-electronic labels promise over billions of unique signature within a small circular area ranging from 40 to 80 millimeter of diameter. These labels can have 2D barcodes or RFID printed as well, such that these inventory tracking technologies become un-replicable.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.547/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : PROCESS TO PREPARE ERTAPENEM AND ITS SALTS

| | | |
|---|-------|--|
| (51) International classification | :A61K | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)AUROBINDO PHARMA LTD |
| (32) Priority Date | :NA | Address of Applicant :PLOT NO.2, MAITRIVIHAR, |
| (33) Name of priority country | :NA | AMEERPET, HYDERABAD - 500 038 Andhra Pradesh India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)KARURU MALLIKARJUNA REDDY |
| (87) International Publication No | : NA | 2)BUDIDET SHANKAR REDDY |
| (61) Patent of Addition to Application Number | :NA | 3)MEENAKSHISUNDERAM SIVAKUMARAN |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention relates to a novel process for the preparation of Ertapenem of formula I, or salt thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.536/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : SOC BASED HARDWARE IP ENCRYPTION FOR SECURED IP COMMUNICATION

(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

(71)Name of Applicant :

1)S. SYED IMRAN

Address of Applicant :#824, 1ST MAIN ROAD,

CHINNANNA LAYOUT, R T NAGAR POST, BANGALORE -

560 032 Karnataka India

(72)Name of Inventor :

1)S. SYED IMRAN

(57) Abstract :

In one or more embodiment, Soc Based Hardware IP Encryption for Secured IP Communication includes a Field-Programmable Gate Array (FPGA), Application Specific Integrated chip (ASIC), and Application Specific Standard Part (ASSP) based System on a chip (SOC) for Hardware IP encryption to enable secure communication over IP networks, and an IP Encryptor/Decryptor configured to support two ports such as plain and encrypt/decrypt port is connected to a computer device in which a data to be encrypted is fed to the plain port and encrypted data is available at the encrypt/decrypt port, the information of encrypted data is decrypted by IP Encryptor/Decryptor at the other end, and computer devices connected to a the IP Encryptor/Decryptor to perform the function such as to secure PC To PC communication, PC to PC communication within LAN, and PC to PC communication over IP network.

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.514/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : PROCESS FOR PREPARING LENALIDOMIDE

| | | |
|---|-------|--|
| (51) International classification | :C07D | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)SHILPA MEDICARE LIMITED |
| (32) Priority Date | :NA | Address of Applicant :R&D UNIT, SURVEY NO 207, |
| (33) Name of priority country | :NA | MODAVALASA, VIZIANAGARAM DIST 531 162 Andhra |
| (86) International Application No | :NA | Pradesh India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)PUROHIT, PRASHANT |
| (61) Patent of Addition to Application Number | :NA | 2)SRIRAM, RAMPALLI |
| Filing Date | :NA | 3)VIJAYA MURALI MOHANRAO, SESHAGIRI |
| (62) Divisional to Application Number | :NA | 4)LAVKUMAR, UPALLA |
| Filing Date | :NA | |

(57) Abstract :

The present invention relates to the process for the preparation of lenalidomide and its intermediate compound of formula IV.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.528/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : BARB CREATING EQUIPMENT TO INTRODUCE BARBS ON MONOFILAMENT SUTURE

(51) International classification

:B26D

(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)THE SOUTH INDIA TEXTILE RESEARCH
ASSOCIATION**

Address of Applicant :COIMBATORE AERODROME POST,
COIMBATORE - 641 014 Tamil Nadu India

(72)Name of Inventor :

1)DR. KANDASAMY PERUMAL CHELLAMANI

2)DORAISAMY VEERASUBRAMANIAN

**3)RAMANI SHANTHI SUBRAMANIAN VIGNESH
BALAJI**

(57) Abstract :

A barb creating equipment comprises a support table for assembling an angular disc arrangement, a knife carrier along with barb depth controller. The disc arrangement includes two angled discs placed at either ends of the table and holds the filament between two helical angle discs and provides rotational movement of filament on the table. A knife assembled with the knife carrier is movably arranged on the table, such that the knife carrier moves along the table and the knife induces barbs on the filament. The barb depth controller assembled with the knife carrier includes a setting gauge and a stationary member to adjust the height of knife and control the depth of barb induced on the filament rotating on the table. A spacer is provided under the knife for adjusting the angle of barb induced on the thread. The support table provides resistance to downward movement of the filament such that the knife penetrates on the filament surface. The angular disc holds the filament in both ends and helps to introduce the barbs in required spiral pattern.

No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.535/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : AN ALTERNATOR SYSTEM FOR A VEHICLE WITH AN INTERNAL COMBUSTION ENGINE

| | | |
|---|-------|---|
| (51) International classification | :H02K | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)M/S. TVS MOTOR COMPANY LIMITED |
| (32) Priority Date | :NA | Address of Applicant :NO. 29, HADDOWS ROAD, |
| (33) Name of priority country | :NA | CHENNAI - 600 006 Tamil Nadu India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)MR. SAMRAJ JABEZ DHINAGAR |
| (87) International Publication No | : NA | 2)MR. SREEJU NAIR |
| (61) Patent of Addition to Application Number | :NA | 3)MR. SHAMSUDDEEN NALAKATH |
| Filing Date | :NA | 4)MR. SRIKUMAR ARAVINDA KRISHNAN |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

An alternator system for a vehicle with an internal combustion engine comprises a crankshaft 103 of an engine 101, which is connected with a rotor 104 of an alternator 102 through a centrifugal mechanism 105 such that the rotor 104 can move axially based on the crankshaft speed. The said system provides sufficient voltage to high electrical loads even at high rotor speeds without a separate voltage regulator unit in which a control unit drives an actuator based on sensed alternator output voltage.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.512/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : A METHOD FOR COLLECTIVELY TRANSFERRING LOGICALLY GROUPED OBJECTS

(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)Samsung India Software Operations Pvt Ltd

Address of Applicant :Bagmane Lakeview Block B No. 66/1

Bagmane Tech Park CV Raman Nagar Byrasandra Bangalore

Karnataka India

(72)Name of Inventor :

1)Nishant Bhaskar Deshpande

(57) Abstract :

A method for collectively transferring logically Grouped Objects is disclosed. This invention relates to data transfer and update between mobile devices and more particularly to creation of group file by grouping logically grouped objects in a mobile communication device. Current applications do not allow users to collect logically related objects to from groups. Group information is associated it with one of the existing applications and each object may need to be stored separately. The applications do not allow users to define rules for the grouped objects. There is no method to receive these groups and store it as a separate entity. The present invention treats grouped objects as a single entity and provides a method to transfer group of objects which are logically bound together to other devices by any medium along with Groups™ properties. The transferred Group will retain all its characteristics on the received device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.515/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : BROWSER AND OPERATING SYSTEM COMPATIBILITY

| | | |
|---|-------|---|
| (51) International classification | :G06F | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)Accenture Global Services Limited |
| (32) Priority Date | :NA | Address of Applicant :3 Grand Canal Plaza Grand Canal |
| (33) Name of priority country | :NA | Street Upper Dublin 4 IRELAND |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)Sarangapani Rajesh |
| (87) International Publication No | : NA | 2)Kasi Vishwanath |
| (61) Patent of Addition to Application Number | :NA | 3)Prem Sagar |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A browser and operating system (OS) compatibility system may include a user interface to select a first combination of a browser and OS for comparison to a second combination of a browser and OS. A download engine may capture source files for browsers for the first and second combinations. A parse engine may create Document Object Model (DOM) trees of objects of first and second website pages respectively for the browsers for the first and second combinations. A metric engine may read the DOM trees for attributes of the objects to capture metrics of the objects. An analysis metric engine may compare a metric of an object of the first website page to a metric of the same object of the second website page to determine a compatibility of the browser and the OS for the first combination to the browser and the OS for the second combination.

No. of Pages : 30 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.530/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF BETA AND THETA CYPERMETHRIN

| | | |
|---|-------|--|
| (51) International classification | :C07C | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)TAGROS CHEMICALS INDIA LIMITED |
| (32) Priority Date | :NA | Address of Applicant :JHAVER CENTRE, RAJAH |
| (33) Name of priority country | :NA | ANNAMALAI BUILDING, IVTH FLOOR, 72 MARSHALL'S |
| (86) International Application No | :NA | ROAD, EGMORE, CHENNAI 600 008 Tamil Nadu India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)RAJAIAH SRIKRISHNAN |
| (61) Patent of Addition to Application Number | :NA | 2)M. DAMODIRAN |
| Filing Date | :NA | 3)R. KUPPUSWAMY |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present involves a simple and efficient route of preparing Beta and Theta cypermethrin.

No. of Pages : 8 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3790/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/04/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : DRUG DELIVERY DEVICES AND METHOD OF ASSEMBLY

(51) International classification :A61M5/28

(31) Priority Document No :09174662.8

(32) Priority Date :30/10/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/066312

Filing Date :28/10/2010

(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)Sanofi-Aventis Deutschland GmbH

Address of Applicant :Brüningstrasse 50 D-65929 Frankfurt
am Main Germany

(72)Name of Inventor :

1)HILES John

(57) Abstract :

A drug delivery device for dispensing of a dose of a medicinal product comprising a holder (14) for a product-containing cartridge (16) the cartridge (16) having a piston (18) slidably arranged therein in an axial direction a piston rod (12) to be operably engaged with the cartridge's piston (18) for dispensing of a dose of the medicinal product and at least one spacer (20) being selected according to a relative distance between piston (18) and piston rod (12) and being disposed between the piston rod (12) and the piston (18) for eliminating axial clearance between piston (18) and piston rod (12).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.484/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : METHOD AND SYSTEM FOR TRANSMISSION OF PROMOTIONAL INFORMATION TO A HANDHELD COMMUNICATION DEVICE

| | |
|---|-------|
| (51) International classification | :A61B |
| (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)MAHA VALUE INFO TECHNOLOGIES PVT. LTD.

Address of Applicant :PLOT NO.924-1, ROAD NO.46,
JUBILEE HILLS, HYDERABAD 500 033 Andhra Pradesh India

(72)Name of Inventor :

1)ADITYA DENDULURI

2)DEVADUTTA GHAT

3)AMIT PUNTAMBEKAR

4)JAMIE BHARAT SHAH

5)PRAJAKTA PRAMOD BHURKE

6)HIRAK DESAI

7)PREM RAO

(57) Abstract :

Exemplary embodiments of the present invention are directed towards a method and a system for transmission of promotional information to a handheld communication device of a user. The method includes determining a location of the user by the centralized server using the geographical location of a reader module. The reader module is configured to transmit a contact number of the handheld communication device, a unique code associated with reader module and an authentication code associated to a near field communication tag to the centralized server. The method further includes identifying a specific interest of the user in the promotional information by a bidding application configured in the centralized server and step of selecting at least one service provider through calculating a bidding vector by the bidding application. The method further includes targeted transmission of the promotional information provided by the service provider selected by the bidding application to the handheld communication device.

No. of Pages : 18 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.517/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : CONTOUR EXTRACTION OF DIGITAL IMAGE

| | | |
|---|-------|---|
| (51) International classification | :G06T | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)M.S. RAMAIAH SCHOOL |
| (32) Priority Date | :NA | Address of Applicant :#470-P, PEENYA INDUSTRIAL |
| (33) Name of priority country | :NA | AREA, PEENYA 4TH PHASE, BENGALURU 560 058 |
| (86) International Application No | :NA | Karnataka India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)KISHORE RAJENDRAN |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

According to an aspect, extraction of one or more contours in a binary digital image is performed by scanning plurality of pixels in the binary image and determining each pixel is a boundary pixel or not using values of the pixel and the character of its 8 neighboring pixels. Accordingly, a foreground pixel is determined as boundary pixel if at least one of its eight neighboring pixel is a background pixel. As a result more than one contour may be extracted in a single pass. According to another aspect, a digital character recognition system compares a contour pattern with a reference pattern to recognizing digital character as one of predefined characters. The contour pattern formed from one or more contour is extracted in a single pass. According to yet another aspect, a pixel is attributed as a boundary pixel in a binary digital image, if at least one of its eight neighboring pixel value is opposite to the value of the pixel being considered.

No. of Pages : 25 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.532/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : NOVEL GRANULE COMPOSITION OF ALPHA CYPERMETHRIN AND A PROCESS FOR ITS MANUFACTURE

| | | |
|---|-------|--|
| (51) International classification | :C11D | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)TAGROS CHEMICALS INDIA LIMITED |
| (32) Priority Date | :NA | Address of Applicant :JHAVER CENTRE, RAJAH |
| (33) Name of priority country | :NA | ANNAMALAI BUILDING, IVTH FLOOR, 72, MARSHALL'S |
| (86) International Application No | :NA | ROAD, EGMORE, CHENNAI 600 008 Tamil Nadu India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)RAJAIAH SRIKRISHNAN |
| (61) Patent of Addition to Application Number | :NA | 2)M. DAMODIRAN |
| Filing Date | :NA | 3)R. KUPPUSWAMY |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention relates to a novel granule composition of Alpha-cypermethrin. The invention also relates to a novel process for the manufacture of said granules. The granules so produced are rapidly water dispersible and are also easily suspendable.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.508/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : METHOD FOR OPTIMIZED HIGH PRIORITY PLMN SEARCH AND NORMAL SERVICE SCAN IN LIMITED SERVICE

| | | |
|---|-------|---|
| (51) International classification | :H04W | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)Samsung India Software Operations Pvt Ltd |
| (32) Priority Date | :NA | Address of Applicant :Bagmane Lakeview Block B No. 66/1 |
| (33) Name of priority country | :NA | Bagmane Tech Park CV Raman Nagar Byrasandra Bangalore |
| (86) International Application No | :NA | Karnataka India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)KIRTI KESHAV |
| (61) Patent of Addition to Application Number | :NA | 2)AVIJIT MANNA |
| Filing Date | :NA | 3)RAVIKUMAR KALAIMANI |
| (62) Divisional to Application Number | :NA | 4)PRAKASH RAO |
| Filing Date | :NA | |

(57) Abstract :

Method for Optimized High priority PLMN Search and Normal Service scan in limited service is disclosed. The present invention relates to the field of cellular communication system and more particularly to a system and method for optimizing the rate at which a mobile station telephone conducts a search for its home network. At present user equipment in idle mode camped to VPLMN performs a search for high priority PLMN at periodic rate irrespective of prevailed radio conditions. UE consumes more power when it is camped on VPMN because UE performs periodic High Priority PLMN search even when the Network topology is not changing. The proposed invention presents a method to detect the change in network topology by utilizing neighbor cell rank information accelerometer sensor data and double moving average principle to adapt the various timer values to efficiently perform the HPLMN and Limited service scan.

No. of Pages : 54 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.538/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : THERAPEUTIC DISATOLIC AUGMENTATION PUMP

(51) International classification

:A63B

(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)LAKSHMANAN NARAYANAN

Address of Applicant :21, KAMBER STREET EAST
TAMBARAM CHENNAI - 600 059 Tamil Nadu India

(72)Name of Inventor :

1)LAKSHMANAN NARAYANAN

(57) Abstract :

A portable and ambulatory apparatus and method for an increased blood circulation without the subject physically exercising is disclosed. This relates to beneficial hemodynamic effects, increased cardiac output, increased blood circulation, and improved endothelial cell function. This helps in human subjects in very many ways with short term and long term benefits. This is achieved by compressing the lower extremities muscles by means of a cuff gated to certain periods of cardiac cycle.

No. of Pages : 19 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.509/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : EASILY COLLAPSIBLE LED BULB

| | | |
|---|-------|---|
| (51) International classification | :F21V | (71) Name of Applicant : |
| (31) Priority Document No | :NA | 1)CERAMATE TECHNICAL CO. LTD. |
| (32) Priority Date | :NA | Address of Applicant :1F No. 66-5 Sec.2 Nan-Kan Rd. |
| (33) Name of priority country | :NA | Luch Taoyuan County TAIWAN |
| (86) International Application No | :NA | (72) Name of Inventor : |
| Filing Date | :NA | 1)WANG Robert |
| (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 easily collapsible LED bulb mainly includes a lamp base and a lighting module. The lamp base has plural combining holes respectively engaged with plural fixing members of the lighting module so as to fix the lighting module on the lamp base. With LEDs deployed on the lighting module and with durable pricy components such as a power adapter etc installed in the lamp base and electrically connected with the LEDs itTMs just necessary to replace the lighting module in case of damage of the LEDs only without necessity of discarding the whole LED bulb. So the LED bulb of the invention is genuinely eco-friendly and economic.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.483/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : FRACTAL ECG

(51) International classification

:G06T

(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)DR. AJITH KUMAR V.S.

Address of Applicant :KUNNIL HOUSE, T.C.11/1266,

Y.M.R JUNCTION NANTHENCODE P.O. TRIVANDRUM 695

003 Kerala India

2)DR. ARUN KUMAR V.S.

(72)Name of Inventor :

1)DR. AJITH KUMAR V.S.

2)DR. ARUN KUMAR V.S.

(57) Abstract :

This Idea relates to a Fractal ECG based on Fractals. The basis of the Fractals lies in the sequence of prime number . In the ECG the Fractal structure is enhanced by the golden ratio. The golden ratio can be converted into a sequence of the form a^2+ab . The oscillation of a^2+ab along a circles radius constitute the Fractal. Its orientation along the various angles including 90° , 60° , 45° , 72° etc constitute the mean ECG variation. They can also be used to find the factors of numbers viz prime numbers. The Oscillation constitute area of a square + area of a rectangle sequence. This constitute the Fractal Behavior in Fractal ECG .

No. of Pages : 5 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.543/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : COPPER CONTACT TIP WITH CERAMIC CAP FOR SAW OF BOILER PANELS

| | | |
|---|-------|--|
| (51) International classification | :B23K | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)CETHAR LIMITED |
| (32) Priority Date | :NA | Address of Applicant :4, DINDIGUL ROAD, TRICHY-1 |
| (33) Name of priority country | :NA | Tamil Nadu India |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)S. ARUNAGIRI |
| (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 improved Cu contact tip is developed to overcome Cu inclusion during welding particularly in Submerged Arc Welding. The tip of the present invention is useful for processing boiler panels. The tip includes a novel cap at the end, which is made of a non conducting material and the novel cap is used for including, but not limited to, eliminating Cu deposition over welding area.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.533/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : USER INTERFACE FOR TOUCH AND SWIPE NAVIGATION

| | | |
|---|-------|---|
| (51) International classification | :G06F | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)Samsung India Software Operations Pvt Ltd |
| (32) Priority Date | :NA | Address of Applicant :Bagmane Lakeview Block B No. 66/1 |
| (33) Name of priority country | :NA | Bagmane Tech Park CV Raman Nagar Byrasandra Bangalore- |
| (86) International Application No | :NA | Karnataka India |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)Somalapuram Amarnath |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

Method and system to create customizable user interface in a touch sensitive mobile device is disclosed. The method provides unique interface to user of a mobile device. The method enables selection of menus on the mobile device by a single touch and swipe functionality. Based on the touch/swipe action the mobile device is capable of understanding the context of interest to the user. Further the direction and angle of swipe/touch is determined and the sub menus under the relevant menu are presented to the user. Depending on the choice made by the user the results are provided. The method prevents density of large icons or buttons on the screen and customizes the menu as per userTMs requirements. Further multiple events may be performed on a single touch/ swipe and hence provides more desirable user experience.

No. of Pages : 39 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.529/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : INDOXACARB IRS

(51) International classification

:A01N

(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)TAGROS CHEMICALS INDIA LIMITED

Address of Applicant :JHAVER CENTRE, RAJAH

ANNAMALAI BUILDING, IVTH FLOOR, 72 MARSHALLS

ROAD, EGMORE, CHENNAI 600 008 Tamil Nadu India

(72)Name of Inventor :

1)RAJAIAH SRIKRISHNAN

2)M. DAMODIRAN

3)R. KUPPUSWAMY

(57) Abstract :

The invention relates to use of Indoxacarb and applications of Indoxacarb when used as Indoor Residual Spray.

No. of Pages : 7 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.475/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :08/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : A FUEL SUPPLY DEVICE IN A VEHICLE

| | | |
|---|-------|---|
| (51) International classification | :F02M | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)BOSCH LIMITED |
| (32) Priority Date | :NA | Address of Applicant :POST BOX NO 3000, HOSUR ROAD, |
| (33) Name of priority country | :NA | ADUGODI, BANGALORE - 560 030 Karnataka India |
| (86) International Application No | :NA | 2)ROBERT BOSCH GMBH |
| Filing Date | :NA | (72)Name of Inventor : |
| (87) International Publication No | : NA | 1)HARIPRASAD MADHWARAJ |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A fuel supply device for an internal combustion engine is disclosed. The fuel supply device comprises a fuel distributor block comprising a recess located at one end of the fuel distributor block, a first bore extending from base of said recess to a second end and a second bore perpendicular to said first bore and a pressure sensor located in the recess.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.488/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :09/02/2012

(43) Publication Date : 16/08/2013

(54) Title of the invention : A METHOD FOR DETECTING LEVEL OF AQUEOUS SOLUTION IN A TANK

| | | |
|---|-------|--|
| (51) International classification | :F02D | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED |
| (32) Priority Date | :NA | Address of Applicant :123, INDUSTRIAL LAYOUT, |
| (33) Name of priority country | :NA | HOSUR ROAD, KORMANGALA, BANGALORE - 560 095 |
| (86) International Application No | :NA | Karnataka India |
| Filing Date | :NA | 2)ROBERT BOSCH GMBH |
| (87) International Publication No | : NA | (72)Name of Inventor : |
| (61) Patent of Addition to Application Number | :NA | 1)ROHIT JOSHI |
| Filing Date | :NA | 2)TABUE YVES |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

A method for detecting level of an aqueous solution (14) in a tank (10) of a vehicle is disclosed. A method for detecting level of an aqueous solution (14) in a tank (10) of a vehicle, said method comprising the steps: determining a refilling operation of said aqueous solution (14) into said tank (10), activating a device (50) into an active mode from a sleep mode depending on said determination of refilling operation, measuring the level (L3) of said tank (10) during said active state of said device (50), reading the recent stored level (L1) of said tank, determining the refilled tank level (L2) based on said measured level (L3) and recent stored level (L1) of said tank, calculating an actual level (L4) of the tank based on the refilled tank level (L2) and recent stored level (L1) of said tank; and storing the actual level (L4) of the tank in a permanent memory (60) of said device.

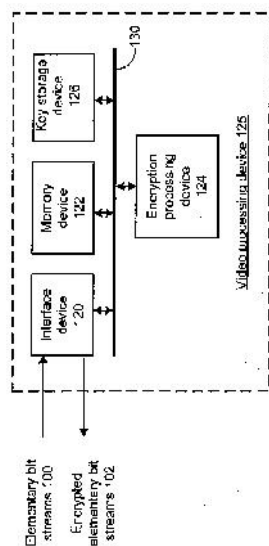
No. of Pages : 11 No. of Claims : 8

(54) Title of the invention : DEVICE AND METHODS FOR USE THEREWITH

| | | |
|---|-------------|--|
| (51) International classification | :H04N7/26 | (71)Name of Applicant : |
| (31) Priority Document No | :61596549 | 1)VIXS SYSTEMS, INC. |
| (32) Priority Date | :08/02/2012 | Address of Applicant :1210 SHEPPARD AVENUE E., SUITE |
| (33) Name of priority country | :U.S.A. | 800, TORONTO, ONTARIO M2K 1E3 CANADA |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)DUCHARME PAUL D. |
| (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 video processing device for encrypting a compressed video signal that includes a key storage device for storing at least one encryption key. An encryption processing device retrieves the at least one encryption key from the key storage device, and directly encrypts an elementary bit stream into at least one encrypted elementary bit stream.



No. of Pages : 75 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.19/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :07/01/2013

(43) Publication Date : 16/08/2013

(54) Title of the invention : CHISEL

| | |
|---|-----------------|
| (51) International classification | :E21C35/18 |
| (31) Priority Document No | :102012202300.3 |
| (32) Priority Date | :15/02/2012 |
| (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)HILTI AKTIENGESELLSCHAFT
Address of Applicant :FELDKIRCHERSTRASSE 100 9494
SCHAAN LIECHTENSTEIN
(72)**Name of Inventor :**
1)SCHNEIDER, JENS
2)BRANDENBURG, KARSTEN
3)KOSA, ZSOLT
4)TÓTH, LAJOS

(57) Abstract :

The inventive chisel 1 has a lower tendency to jam in a substrate. The chisel 1 is on an axis 2 in the striking direction 7 with successively a striking surface 4, a shank 8, a spreading element 12 and a tip 3. The spreading element 12 has multiple ribs 13, 45 around the axis 2 extending along the axis 2. The ribs 13 each have a wave shape formed through a tangential deflection with respect to the axis 2.

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

(54) Title of the invention : CARRIER DEVICE

(51) International classification :H04B1/40
 (31) Priority Document No :2012-028796
 (32) Priority Date :13/02/2012
 (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)KABUSHIKI KAISHA YASKAWA DENKI

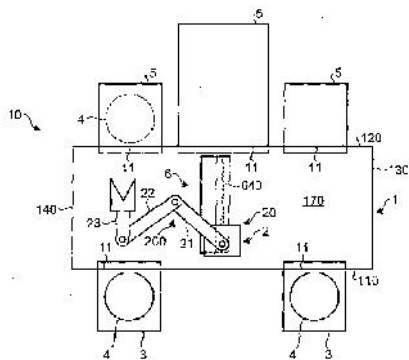
Address of Applicant :2-1, KUROSAKI-SHIROISHI,
 YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-0004 JAPAN

(72)Name of Inventor :

1)FURUICHI MASATOSHI**2)HINO KAZUNORI**

(57) Abstract :

A carrier device according to embodiments includes a carrier chamber that is provided with a plurality of connecting holes that are communicated with the outside, an articulated robot that is placed inside the carrier chamber, and a linear moving mechanism that makes at least the arm part of the articulated robot linearly move in a short side direction of the carrier chamber. The bottom end of the arm part of the articulated robot is provided on a base via an arm spindle to be rotatable horizontally and its leading end is provided with a hand that is rotatable horizontally and holds a board to be taken in and out via the connecting holes.



No. of Pages : 42 No. of Claims : 7

(54) Title of the invention : HIGH STRENGTH HOT ROLLED STEEL FOR NORMALIZED LPG GAS CYLINDER AND A PROCESS FOR ITS MANUFACTURE

(51) International classification :C21D8/02
 (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)STEEL AUTHORITY OF INDIA LIMITED

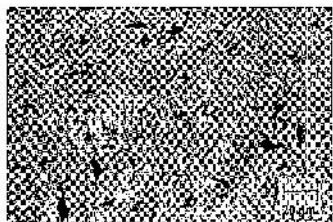
Address of Applicant :RESEARCH & DEVELOPMENT
 CENTRE FOR IRON & STEEL, DORANDA, RANCHI-834002
 Jharkhand India

(72)Name of Inventor :

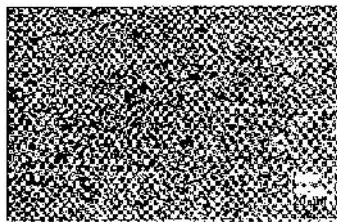
1)DEVA ANJANA**2)DE SAIKAT KUMAR****3)BHAKAT ASIT KUMAR****4)MALLIK SUBRATA****5)JHA BIMAL KUMAR****6)MUKERJEE DEBASIS****7)JHA NAND KISHORE**

(57) Abstract :

There is disclosed high strength hot rolled steel normalized LPG gas cylinder and a process for its production. More particularly, the present invention is directed to providing two grades of steel with or without Nb microalloying, having high yield strength of 265 MPa min. and 295 MPa min. respectively after normalizing of formed cylinders. This is achieved through careful selection of steel composition, by adopting an integrated approach for development of suitable alloy chemistry and hot rolling parameters for the steel grades to produce HR coils of desired thickness and selectively adopting normalizing temperature for formed cylinders obtained thereof.



(a)



(b)

No. of Pages : 15 No. of Claims : 8

(54) Title of the invention : DEVICE ON A FLAT CARD OR ROLLER CARD IN WHICH THERE IS ARRANGED ATLEAST ONE WORKING ELEMENT AND/OR COVER ELEMENT

(51) International classification :H01R12/77
 (31) Priority Document No :102012002957.8
 (32) Priority Date :16/02/2012
 (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)TRÜTZSCHLER GMBH & CO. KG.

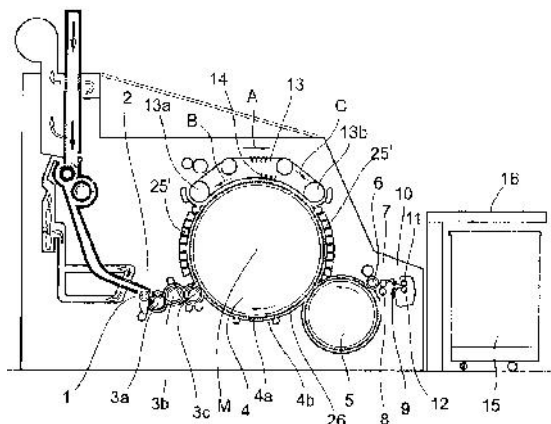
Address of Applicant :DUVENSTRASSE 82-92, D-41199
 MÖNCHENGLADBACH, GERMANY .

(72)Name of Inventor :

1)HERR CHRISTOPH LEINDERS

(57) Abstract :

In a device on a flat card or roller card in which at least one working element and/or cover element is arranged opposite and spaced apart from a clothed roll and extends over the entire width of the roll, which element has an elongate carrier member comprising a foot part and a back part having two side walls and the back part is in the form of a hollow body in cross-section, the foot part facing towards the roll absorbs operating heat and the back part facing away from the roll is in contact with the ambient air. In order to allow adjustment of the working element and/or functional element to different fibre materials and operating circumstances or conditions and to enable the carding nip to be constant, in the interior of the hollow carrier member there are provided between the side walls at least one wall-like foot web (partition wall) and at least two adjoining wall-like head webs, the flat foot being joined to the flat back by way of the foot web and the head webs.



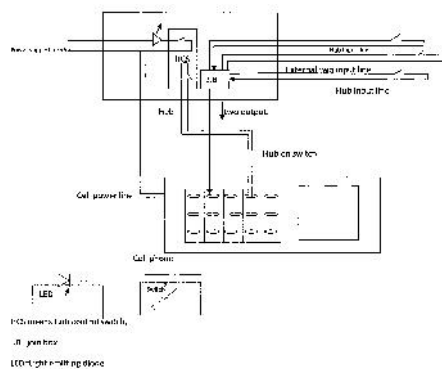
No. of Pages : 26 No. of Claims : 36

(54) Title of the invention : AUTOMATIC SELF INFORMER

| | | |
|---|------------|---|
| (51) International classification | :H04M 3/42 | (71)Name of Applicant : |
| (31) Priority Document No | :NA | 1)SK ABUBAKAR SIDDIK |
| (32) Priority Date | :NA | Address of Applicant :C/O SK EAR MAHAMMAD VILL:- |
| (33) Name of priority country | :NA | MOHESH PUR, POST:- MUKSUD PUR, DIST: PASCHIM |
| (86) International Application No | :NA | MEDINI PUR, P/S: KHARAG PUR(LOCAL) PIN:-721126 West |
| Filing Date | :NA | Bengal India |
| (87) International Publication No | : NA | (72)Name of Inventor : |
| (61) Patent of Addition to Application Number | :NA | 1)SK ABUBAKAR SIDDIK |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The invention describes an Automatic Self informing (A.S.I) system which is basically an electronic device used for different types of security and emergency purpose. It provide quick information during emergency of vehicle accident/ unauthorized access of personal computer (Desktop/laptop), /shutter in absence of user in home/office/college/shop/bank locker etc. It also can provide the information either short or long distance over the communication link through GSM/CDMA.



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

(54) Title of the invention : FACE HOBGING CUTTER SYSTEM AND INDEXABLE MILLING INSERTS FOR USE IN THE SAME

(51) International classification :G06F17/50
 (31) Priority Document No :201210035560.1
 (32) Priority Date :16/02/2012
 (33) Name of priority country :China
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)SANDVIK INTELLECTUAL PROPERTY AB

Address of Applicant :S-811 81 SANDVIKEN, SWEDEN

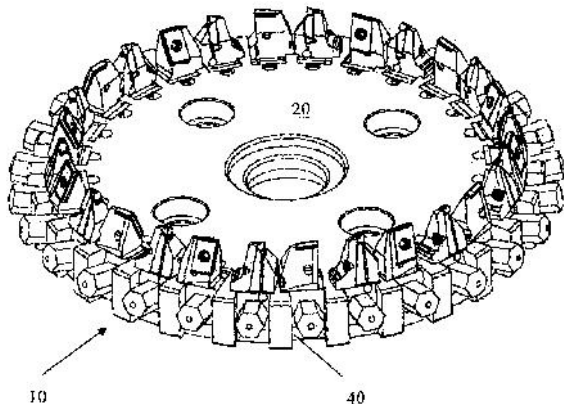
(72)Name of Inventor :

1)DUAN, YAN

2)JIA, TONG

(57) Abstract :

The present invention provides a face hobbing cutter system and an indexable milling inserts for face hobbing spiral bevel gears. The system has a central axis and comprises at least one set of detachable cartridge assemblies, each set of cartridge assemblies including a plurality of cartridge assemblies, the respective cartridge assemblies being spaced apart along a rotational direction, each cartridge assembly being fixed in place in a pocket by a clamping device, each cartridge assembly including cartridges and indexable milling inserts, and each milling insert being retained on its respective cartridge by a retaining device. A part of the inserts of each set of cartridge assemblies are rhombic, tangential- mounted inserts for milling flanks of spiral bevel gear teeth, while the other inserts of each set of cartridge assemblies are grooving inserts, which are arranged transversely to the tangential-mounted inserts, for milling roots of spiral bevel gear teeth. The tangential- mounted inserts of each set of cartridge assemblies are provided in pairs, one being provided with its front facing the central axis, and the other being provided with its front facing away the central axis, so as to respectively mill concave curved flanks and convex curved flanks of the spiral bevel gear teeth.



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

(54) Title of the invention : PROCESS TECHNOLOGY FOR PRODUCTION OF ALUMINIUM KILLED BLOOMS FOR ANGLES WITH IMPROVED GALVANISABILITY FOR TRANSMISSION LINE-TOWER APPLICATION.

(51) International classification :E04H12/34
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No :NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)STEEL AUTHORITY OF INDIA LIMITED

Address of Applicant :RESEARCH & DEVELOPMENT
 CENTRE FOR IRON & STEEL, DORANDA,RANCHI-834002
 JHARKHAND INDIA

(72)Name of Inventor :

1)KUMAR SANTOSH

2)KESHARI KIRAN KUMAR

3)PRADHAN NIRMAL

4)SAXENA ATUL

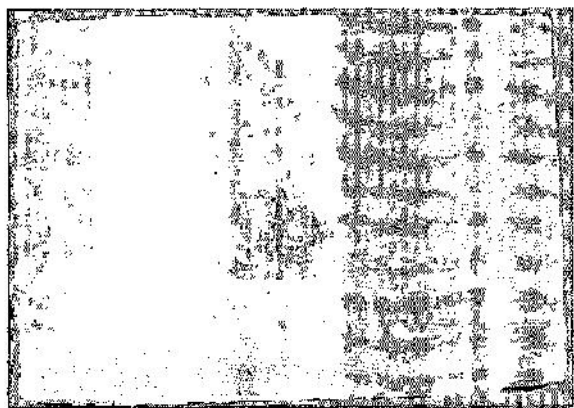
5)JHA BIMAL KUMAR

6)MUKHERJEE GAUTAM

7)RAY ASIM KUMAR

(57) Abstract :

The present invention relates to process technology for production of aluminum killed blooms with innovative alloy chemistry of steel composition (by weight %)containing: C- 0.16 to 0.20%, Mn- 1.20 to 1.40%, S- 0.035%, P- 0.035%, Si-0.15 to 0.25%, Al- 0.02%, V- 0.03% and CE- 0.36 to 0.42 suitable for making angles with improved galvanisability for transmission line-tower application with yield strength 350 MPa through BOF - LF - CC. The present invention achieves weldability of CE 0.42, tensile properties of Yield strength 350 MPa, UTS 490 MPa, % Elongation 22 and improved galvanisability in terms of minimum thickness (70 micron) as per IS 4759 in TLT member angles made from blooms of 230 X 160 mm / 350 x 150 mm size produced through BOF-LF- LTS-CC route.



No. of Pages : 16 No. of Claims : 11

(54) Title of the invention : DELAY MEASUREMENT METHOD AND OPTICAL TRANSPORT NETWORK DEVICE

(51) International classification :H04B10/08,H04B10/12,H04W88/08
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/CN2012/071110
 Filing Date :14/02/2012
 (87) International Publication No :WO 2012/092903
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)HUAWEI TECHNOLOGIES CO., LTD.
 Address of Applicant :HUAWEI ADMINISTRATION
 BUILDING,BANTIAN, LONGGANG
 DISTRICT, SHENZHEN, GUANGDONG 518129, P.R. CHINA
 (72)Name of Inventor :
1)TAN, QIAN

(57) Abstract :

Embodiments of the present invention relate to the field of communications and provide a delay measurement method and an optical transport network (OTN) device. The method comprises: according to the delay information between a first OTN device and a second OTN device in an OTN, acquiring the delay of service data transmitted from the first OTN device to the second OTN device; according to the delay, adjusting the time said service data remains in the OTN to be equal to a pre-set reference delay. The device comprises: an acquisition module and a compensation module. By means of the method, precise measurements can be taken on uplink and downlink delays, and the time service data remains in an OTN can be adjusted to be consistent with a reference delay, thereby solving the problem in the prior art of delay measurement imprecision due to asymmetry of uplink and downlink delays.

Acquire, according to delay information from a first OTN device to a second OTN device in an OTN network, a delay of transporting service data from the first OTN device to the second OTN device

101

Adjust, according to the delay, residence time of the service data in the OTN network so that the time is equal to a preset reference delay

102

No. of Pages : 25 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.144/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :10/02/2012

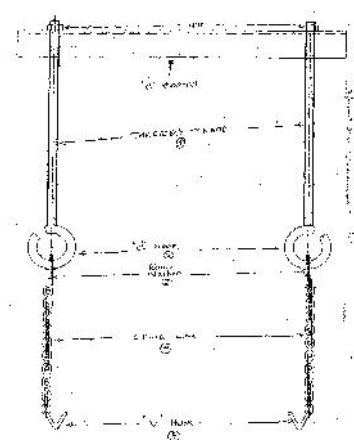
(43) Publication Date : 16/08/2013

(54) Title of the invention : A SYSTEM FOR REPLACEMENT OF SPARES IN TRAILING CABLE CARRIER TROLLEY IN OVERHEAD CRANES.

| | | |
|---|-------|--|
| (51) International classification | :G06Q | (71)Name of Applicant : |
| | 10/00 | 1)STEEL AUTHORITY OF INDIA LIMITED |
| (31) Priority Document No | :NA | Address of Applicant :ROURKELA STEEL PLANT |
| (32) Priority Date | :NA | ROURKELA-769011, ORISSA , India |
| (33) Name of priority country | :NA | (72)Name of Inventor : |
| (86) International Application No | :NA | 1)KAR CHOUDHURY BINODA BIHARI |
| Filing Date | :NA | |
| (87) International Publication No | : NA | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :

The present invention relates to a system for servicing/maintenance of trailing cable carrier trolley in overhead cranes involving a simple light weight easy to operate adjustable tool. More particularly, the present invention is directed to providing a simple and user friendly tool in the form of an adjustable lifting tackle for lifting the trolley for servicing of trailing cable carrier trolley in overhead cranes or replacement of wheels/parts thereof in a faster and safe manner using less manpower, without needing dismantling of cables.



No. of Pages : 16 No. of Claims : 7

(54) Title of the invention : SYSTEM AND METHOD FOR HANDLING CRITICAL PACKETS LOSS IN MULTI-HOP RTP STREAMING

(51) International classification :H04N21/238
 (31) Priority Document No :61/597,524
 (32) Priority Date :10/02/2012
 (33) Name of priority country :U.S.A.
 (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)POLYCOM, INC.

Address of Applicant :6001 AMERICA CENTER DRIVE,
 SAN JOSE, CA 95164 U.S.A.

(72)Name of Inventor :

1)YASSUR AMIR

2)BOURGOYNE DAVID

3)HALAVY AVISHAY

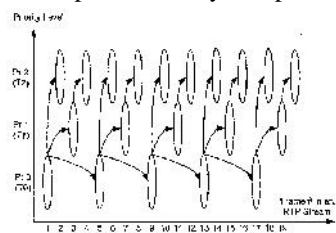
4)SPEARMAN JOHN PAUL

5)VEREMEEV DMITRY

6)WANG XIAOWEI

(57) Abstract :

Disclosed are example embodiments of a method and system to reduce re-transmission requirements of a compress media transferring system implemented in a network where packet loss could be possible. An extended header for each transmitted packet can indicate the priority of the packet and endpoints can determine if a re-transmission of a missing packet is desired. Buffering of packets at different hops in a multi-hop system could allow for the retransmission request to be satisfied by a more recent hop than the original system transmitting the video packet. In one embodiment three levels of priority are established to achieve a reliable frame rate of 30 frames per second by compressing the first and second levels at 7.5 frames per second and a third level at 15 frames per second.



Boundary Priority Levels

P3 → Packet Layer 3 (P3) → 7.5 FPS → Frame rate = 7.5 FPS

P1 → Enhanced Layer 1 (EL1) → 15 FPS → Frame rate = 15 FPS

P2 → Enhanced Layer 2 (EL2) → 7.5 FPS → Frame rate = 7.5 FPS

No. of Pages : 52 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1301/KOL/2012 A

(19) INDIA

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

(43) Publication Date : 16/08/2013

(54) Title of the invention : ROTOR COOLING STRUCTURES

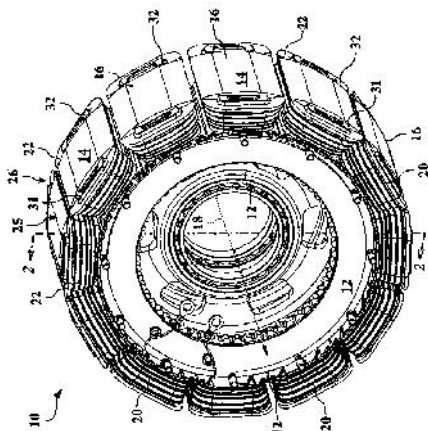
(51) International classification :F02C7/18
(31) Priority Document No :13/372887
(32) Priority Date :14/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)GM GLOBAL TECHNOLOGY OPERATIONS LLC
Address of Applicant :300 GM RENAISSANCE CENTER,
DETROIT, MICHIGAN 48265-3000, U.S.A.

(72)Name of Inventor :
1)EDWARD L. KAISER
2)MICAH JOEL FUCHS

(57) Abstract :

A rotor defines an axial direction and a radial direction relative to an axis of rotation and includes an annular hub and a core disposed radially outward of the annular hub. The core defines a first axial side and a second axial side. First radial feed holes are formed in the annular hub, and are located between the first and second axial sides. Axial channels are formed between the core and the annular hub, and are in fluid communication with the first radial feed holes and span substantially between the first and second axial sides. The rotor also includes a first member and a second member, adjacent to the first and second axial sides, respectively. First and second apertures are formed in the first and second members, respectively. Each of the first and second apertures is in fluid communication with one of the axial channels.



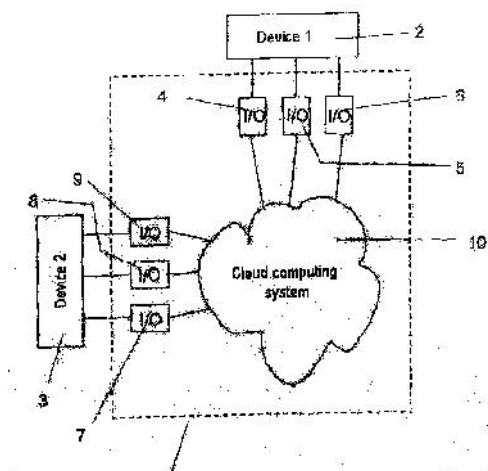
No. of Pages : 20 No. of Claims : 10

(54) Title of the invention : SYSTEM FOR CONTROLLING A DEVICE

| | | |
|---|-------------|--|
| (51) International classification | :A63F13/00 | (71)Name of Applicant : |
| (31) Priority Document No | :10 2012 | 1)ABB AG |
| (32) Priority Date | 002 653.6 | Address of Applicant :KALLSTADTER STR.1, 68309 |
| (33) Name of priority country | :10/02/2012 | MANNHEIM, GERMANY |
| (86) International Application No | :Germany | (72)Name of Inventor : |
| Filing Date | :NA | 1)MARTIN NÄDELE |
| (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 system (1) for controlling a device (2), said device (2) having at least one sensor or at least one actuator, and said system (1) comprising at least one input/output module (4) and a processing unit, wherein the input/output module (4) is coupled to the processing unit via a communications link. The system (1) comprises a cloud computing system (10), wherein the cloud computing system (10) is configured to fulfil the functions of the processing unit, the input/output module (4) is arranged outside the cloud computing system (10) and close to the device (2), and the input/output module (4) is connected to the cloud computing system (10) via a communications link.



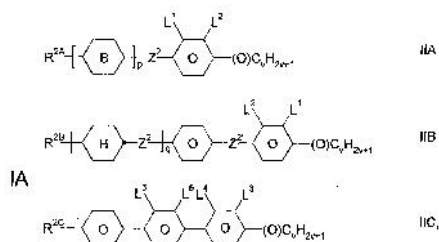
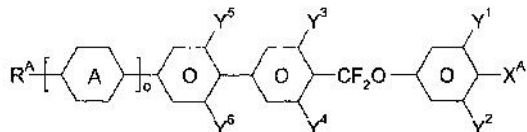
No. of Pages : 15 No. of Claims : 8

(54) Title of the invention : LIQUID-CRYSTALLINE MEDIUM

| | | |
|---|-------------|--|
| (51) International classification | :C09K19/56 | (71)Name of Applicant : |
| (31) Priority Document No | :12001001.2 | 1)MERCK PATENT GMBH |
| (32) Priority Date | :15/02/2012 | Address of Applicant :FRANKFURTER STRASSE 250, |
| (33) Name of priority country | :EPO | 64293 DARMSTADT, GERMANY. |
| (86) International Application No | :NA | (72)Name of Inventor : |
| Filing Date | :NA | 1)HELMUT HAENSEL |
| (87) International Publication No | : NA | 2)ANDREAS POHLE |
| (61) Patent of Addition to Application Number | :NA | 3)CHANG-JUN YUN |
| Filing Date | :NA | 4)YONG-KUK YUN |
| (62) Divisional to Application Number | :NA | 5)HEE-KYU LEE |
| Filing Date | :NA | 6)CHANG-SUK CHOI |

(57) Abstract :

The invention relates to a liquid-crystalline medium, characterised in that it contains one or more compounds of the formula IA, and at least one compound selected from the group of compounds of the formula IIA, IIB and IIC, in which RA, R2A, R2B, R2C, ring A, ring B, XA, Y1-6, L1-6, Z2, Z2, o, p, q, v and (O)CvH2v+1 have the meanings indicated in Claim 1, and to the use thereof for electro-optical purposes, in particular for shutter glasses, 3D applications, in TN, PS-TN, STN, TN-TFT, OCB, IPS, PS-IPS, FFS, PS-FFS and PS-VA-IPS displays.



No. of Pages : 172 No. of Claims : 23

(54) Title of the invention : CARRIER DEVICE

(51) International classification :H04W72/04
 (31) Priority Document No :2012-029801
 (32) Priority Date :14/02/2012
 (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)KABUSHIKI KAISHA YASKAWA DENKI

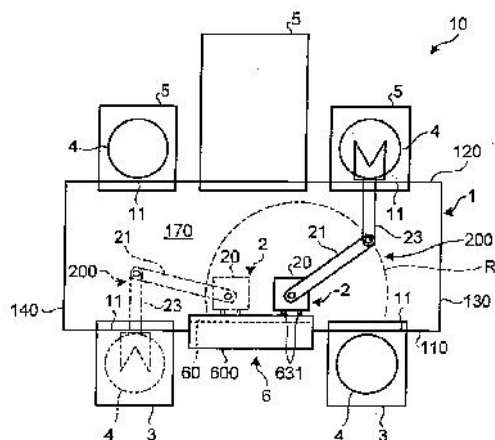
Address of Applicant :2-1, KUROSAKI-SHIROISHI, YAHATANISHI-KU, KITAKYUSHU-SHI, FUKUOKA 806-0004 JAPAN

(72)Name of Inventor :

1)FURUICHI MASATOSHI**2)HINO KAZUNORI****3)SHIN DAISUKE**

(57) Abstract :

A carrier device according to an aspect of an embodiment includes a carrier chamber, a robot that is placed near one longitudinal-side wall in the carrier chamber, and a linear moving mechanism that has a track by which the robot is linearly moved in the longitudinal direction of the carrier chamber. The arm of the robot is defined to a length by which the arm does not interfere with the other longitudinal-side wall even if the arm is rotated around an arm spindle. The track of the linear moving mechanism has a length by which the leading end of the hand perpendicular to the track reaches a predetermined position in a connecting hole located at an end among connecting holes provided in the longitudinal-side wall.



No. of Pages : 37 No. of Claims : 8

AMENDMENT UNDER SEC.57 (KOLKATA)

An application for change in the address of the Patentee from Chandar Parkash Kant,14/1,Gariahat Road (3rd floor) (old) KOLKATA-700019 **TO** Chandar Parkash Kant 2/23D (2nd Floor) Vidyasagar Upanivesh, Baghajatin, Kolkata-700047. in respect of Patent No.192960 (89/CAL/2001) was filed. Any person interested may at any time within three months from the date of publication give notice on Form-14 to the Controller of Patents , if any, at the appropriate office .

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 | 184898 | 1825/DEL/1996 | 16/08/1996 | 21/08/1995 | PROCESS FOR THE PREPARATION OF THE HERBICIDE ETHYL ALPHA-2-DICHLORO-5-[4-(DIFLUOROMETHYL)-4,5-DIHYDRO-3-METHYL-5-OXO-1H-1,2,4-TRIAZOL-1-YL]-4-FLUOROBENZENEPROPANOATE | FMC CORPORATION | | DELHI |
| 2 | 186429 | 2367/DEL/1997 | 21/08/1997 | 29/08/1996 | A METHOD FOR THE PURIFICATION OF CRUDE IOHEXOL | NYCOMED IMAGING AS | | DELHI |
| 3 | 256896 | 717/DEL/2005 | 31/03/2005 | 24/04/2004 | A PROCESS FOR FRACTURING RE-ASSEMBLABLE COMPONENTS | MAN Truck & Bus AG | 01/12/2006 | DELHI |
| 4 | 256899 | 4916/DELNP/2006 | 10/02/2005 | 10/02/2004 | AN ISOLATED ANTIBODY OR ANTIGEN-BINDING FRAGMENT THAT SELECTIVELY BINDS TO FACTOR B | THE REGENTS OF THE UNIVERSITY OF COLORADO; A BODY CORPORATE, NATIONAL JEWISH MEDICAL AND RESEARCH CENTER, MEDICAL UNIVERSITY OF SOUTH CAROLINA FOUNDATION FOR RESEARCH DEVELOPMENT | 17/08/2007 | DELHI |
| 5 | 256900 | 4307/DELNP/2006 | 27/01/2005 | 27/01/2004 | A DISPENSER | MEDICAL INSTILL TECHNOLOGIES, INC. | 03/08/2007 | DELHI |
| 6 | 256901 | 2121/DEL/2005 | 10/08/2005 | 31/08/2004 | A HANDHELD ELECTRONIC DEVICE FOR SEARCHING OF PERSONAL INFORMATION MANAGEMENT INFORMATION | RESEARCH IN MOTION LIMITED | 31/07/2009 | DELHI |
| 7 | 256902 | 1470/DELNP/2008 | 16/08/2006 | 17/08/2005 | METHOD TO REMOVE BISULFITE BY-PRODUCTS FROM ENZYME COMPOSITIONS | COLGATE-PALMOLIVE COMPANY | 20/06/2008 | DELHI |
| 8 | 256907 | 1418/DEL/2005 | 01/06/2005 | | GAS SUPPLY FOR ELECTROSTATIC FILTER | BALCKE-DURR GmbH | 24/08/2007 | DELHI |
| 9 | 256908 | 608/DEL/2007 | 21/03/2007 11:41:33 | 14/04/2006 | LUBRICATING DEVICE FOR TRANSMISSION FOR VEHICLE | HONDA MOTOR CO.,LTD., | 26/10/2007 | DELHI |

| | | | | | | | | |
|----|--------|-----------------|------------|------------|---|--|------------|-------|
| 10 | 256909 | 1859/DELNP/2006 | 20/10/2004 | 22/10/2003 | METHOD FOR PRODUCING 2, 3, 6,7, 10, 11-HEXAHYDROXYTRIPHENYLENE. | OTSUKA CHEMICAL CO., LTD. | 24/08/2007 | DELHI |
| 11 | 256911 | 5279/DELNP/2008 | 12/02/2007 | 21/02/2006 | A COMPOSITION COMPRISING A MISCIBLE POLYMER BLEND AND ARTICLE THEREOF | GENERAL ELECTRIC COMPANY | 08/08/2008 | DELHI |
| 12 | 256912 | 1033/DEL/2004 | 04/06/2004 | 05/06/2003 | A PROCESS TO RECOVER A METAL CATALYST FROM A MOTHER LIQUOR | GRUPO PETROTEMEX, S.A. DE C.V. | 03/08/2007 | DELHI |
| 13 | 256913 | 613/DEL/2007 | 21/03/2007 | | PROCESS ON DEVELOPMENT OF ANTICORROSIVE COATING SYSTEM WITH POLYANILINE USEFUL FOR CORROSION PROTECTION OF STEEL REINFORCEMENT IN CONCRETE STRUCTURES | COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH | 24/04/2009 | DELHI |
| 14 | 256914 | 3284/DELNP/2007 | 03/11/2005 | 05/11/2004 | A PERSONAL CARE COMPOSITION CONTAINING CATIONIC CASSIA GALACTOMANNAN POLYMER DERIVATIVE | THE PROCTER & GAMBLE COMPANY | 31/08/2007 | DELHI |
| 15 | 256915 | 2598/DEL/2005 | 27/09/2005 | | A NOVEL OLIGOMERIC LACTIDE MACROMER BASED COPOLYMER AND PROCESS FOR THE PREPARATION THEREOF | COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH | 20/01/2012 | DELHI |
| 16 | 256916 | 786/DEL/2006 | 22/03/2006 | | AN ALTERNATE COMPOSITION OF GEAR OIL | COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH | 30/03/2012 | DELHI |
| 17 | 256917 | 3327/DELNP/2007 | 23/11/2005 | 23/11/2004 | PURIFICATION OF RECOMBINANT HUMAN FACTOR XIII | ZYMO GENETICS, INC. | 31/08/2007 | DELHI |
| 18 | 256918 | 7505/DELNP/2006 | 01/06/2005 | 01/06/2004 | REDUCED MOISTURE CHEMICAL REACTIONS | ATRAVERDA LIMITED | 17/08/2007 | DELHI |
| 19 | 256922 | 4143/DELNP/2004 | 09/07/2003 | 11/07/2002 | A METHOD FOR MODIFYING OPERATION OF A FURNACE | PRAXAIR TECHNOLOGY, INC | 09/10/2009 | DELHI |
| 20 | 256934 | 2274/DELNP/2004 | 18/02/2003 | 19/02/2002 | MECHANICAL TRANSLATOR WITH ULTRA LOW FRICTION FERROFLUID BEARINGS | ROCKWELL SCIENTIFIC LICENSING,LLC | 13/03/2009 | DELHI |
| 21 | 256936 | 2656/DELNP/2006 | 11/11/2004 | 11/11/2003 | A COMPOSITION FOR TOPICAL USE IN THE TREATMENT OF CUTANEOUS WOUNDS | AERP ASSOCIACO DE ENSINO DE RIBEIRAO PRETO,APSEN FARMACEUTICA S.A. | 03/08/2007 | DELHI |
| 22 | 256937 | 1467/DELNP/2007 | 19/08/2005 | 25/08/2004 | A PROCESS FOR THE FISCHER -TROPSCH SYNTHESIS OF HYDROCARBONS USING HIGH COBALT CONTENT, HIGH COBALT SURFACE AREA CATALYSTS | JOHNSON MATTHEY PLC., | 27/04/2007 | DELHI |

| | | | | | | | | |
|----|--------|-----------------|------------|------------|---|--|------------|-------|
| 23 | 256941 | 924/DELNP/2006 | 24/08/2004 | 29/08/2003 | PROCESS FOR PREPARING 324HEXYLOXYCARBONYLA MINOIMINOMETHYLPHENY LAMINOMETHYL1METHYL1 HBENZIMIDAZOL5CARBON YLPYRIDINE2YLAMINOPRO PIONATE METHANESULFONATE | BOEHRINGER INGELHEIM INTERNATIONAL GMBH | 10/08/2007 | DELHI |
| 24 | 256943 | 3330/DELNP/2006 | 21/10/2005 | 21/10/2004 | PROJECTION OPTICAL SYSTEM AND PROJECTION- TYPE IMAGE DISPLAY APPARATUS | SONY CORPORATION | 24/08/2007 | 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 |
|---------------|---------------|--------------------|---------------------|------------------|---|--|---|--------------------|
| 1 | 256898 | 352/MUMNP/2007 | 08/08/2005 | 19/08/2004 | ARCHITECTURE AND METHODS FOR INTER-CARRIER MULTI-MEDIA MESSAGING | SYBASE 365, INC. | 20/07/2007 | MUMBAI |
| 2 | 256903 | 739/MUMNP/2010 | 03/10/2008 | 03/10/2007 | PROCESS FOR THE CO-PRODUCTION OF FATTY ALCOHOLS SHOWING DIFFERENT CARBON CHAIN LENGTHS | DAVY PROCESS TECHNOLOGY LIMITED | 02/12/2011 | MUMBAI |
| 3 | 256905 | 166/MUM/2008 | 24/01/2008 | | METHOD OF REMOVING METALS FROM HYDROCARBON FEEDSTOCK USING ESTERS OF CARBOXYLIC ACIDS | DORF KETAL CHEMICALS (I) PVT. LTD | 02/10/2009 | MUMBAI |
| 4 | 256906 | 131/MUMNP/2010 | 10/07/2008 | 01/09/2007 | PROCESS AND PLANT FOR THE THERMAL TREATMENT OF GRANULAR SOLIDS | OUTOTEC OYJ. | 25/06/2010 | MUMBAI |
| 5 | 256932 | 1393/MUMNP/2006 | 21/04/2005 | 14/05/2004 | SYSTEM AND METHOD FOR FACILITATING COMMUNICATIONS BETWEEN DEVICES IN A COMMUNICATIONS NETWORK | ELECTRONIC DATA SYSTEMS CORPORATION, HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. | 08/06/2007 | MUMBAI |

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

| Serial Number | Patent Number | Application Number | Date of Application | Date of Priority | Title of Invention | Name of Patentee | Date of Publication of Abstract u/s 11(A) | Appropriate Office |
|---------------|---------------|--------------------|---------------------|------------------|--|---|---|--------------------|
| 1 | 256891 | 3761/CHENP/2006 | 04/03/2005 | 12/03/2004 | MULTIVIEW DISPLAY DEVICE FOR DISPLAYING MULTIPLE VIEWS OF AN OBJECT | KONINKLIJKE PHILIPS ELECTRONICS N.V. | 22/06/2007 | CHENNAI |
| 2 | 256892 | 2493/CHE/2006 | 29/12/2006 | | METHOD OF SENDING REMINDER ABOUT A DEFERRED MESSAGE IN A SIP BASED MESSAGING APPLICATION | SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED | 28/11/2008 | CHENNAI |
| 3 | 256893 | 3013/CHENP/2004 | 18/07/2003 | 18/07/2002 | A METHOD FOR ADJUSTING A FEEDFORWARD FILTER AND A DECISION FEEDBACK EQUALIZER | QUALCOMM INCORPORATED | 17/02/2006 | CHENNAI |
| 4 | 256895 | 158/CHE/2005 | 24/02/2005 | | METHOD FOR NOTIFYING ARRIVAL OF FAX DOCUMENTS | SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED | 31/08/2007 | CHENNAI |
| 5 | 256897 | 3279/CHENP/2008 | 18/12/2006 | 27/12/2005 | A PROCESS FOR EPOXIDIZING PROPENE | BASF SE,DOW GLOBAL TECHNOLOGIES LLC | 06/03/2009 | CHENNAI |
| 6 | 256904 | 3037/CHENP/2004 | 22/07/2003 | 22/07/2002 | CONTROLLING MEDIA PARTICLE SIZE IN SLURRIED DENSE MEDIA SEPARATIONS | MBA POLYMERS, INC | 17/02/2006 | CHENNAI |
| 7 | 256910 | 4753/CHENP/2006 | 21/06/2005 | 26/06/2004 | POLYVINYLYDENE CHLORIDE COATING, PROCESS FOR PRODUCING A COATING AND USE THEREOF | KLOCKNER PENTAPLAST GMBH & CO KG | 29/06/2007 | CHENNAI |
| 8 | 256921 | 2060/CHENP/2008 | 25/09/2006 | 26/09/2005 | GAS BARRIER LAMINATE AND LAMINATED PRODUCT | UNITIKA LTD,TOYO INK MFG. CO, LTD | 27/02/2009 | CHENNAI |

| | | | | | | | | |
|----|--------|-----------------|------------------------|------------|--|---|------------|---------|
| 9 | 256923 | 4358/CHENP/2006 | 26/05/2005 | 27/05/2004 | A METHOD OF PRODUCING A DRIED AND AGGLOMERATED HYALURONIC ACID PRODUCT | NOVOZYMES BIOPHARMA DK A/S | 29/06/2007 | CHENNAI |
| 10 | 256924 | 301/CHENP/2007 | 04/07/2005 | 23/07/2004 | METHOD OF DISCHARGING A POLYMER FROM A POLYMERIZATION REACTOR | BASELL POLIOLEFINE ITALIA S.r.l. | 24/08/2007 | CHENNAI |
| 11 | 256925 | 4531/CHENP/2006 | 03/06/2005 | 11/06/2004 | FLUOROGLYCOSIDE DERIVATIVES OF PYRAZOLES | SANOFI-AVENTIS DEUTSCHLAND GMBH | 29/06/2007 | CHENNAI |
| 12 | 256926 | 2307/CHENP/2008 | 10/10/2006 | 10/11/2005 | PROCESS FOR PRODUCTION OF CHLORINE DIOXIDE | AKZO NOBEL N.V. | 06/03/2009 | CHENNAI |
| 13 | 256927 | 4640/CHENP/2006 | 17/06/2005 | 17/06/2005 | NUCLEIC ACID ENCODING THYMIDINE KINASE | MOLMED SPA | 29/06/2007 | CHENNAI |
| 14 | 256931 | 4196/CHENP/2006 | 11/05/2005 | 14/05/2004 | ARTICLE SUPPORT | 3M INNOVATIVE PROPERTIES COMPANY,HONDA MOTOR CO., LTD | 15/06/2007 | CHENNAI |
| 15 | 256933 | 3821/CHENP/2006 | 11/03/2005 | 14/04/2004 | A MULTILAYER MAT FOR USE IN POLLUTION CONTROL DEVICES AND A POLLUTION CONTROL DEVICE COMPRISING THE SAME | 3M INNOVATIVE PROPERTIES COMPANY | 15/06/2007 | CHENNAI |
| 16 | 256935 | 3818/CHENP/2006 | 25/02/2005 | 14/04/2004 | SANDWICH HYBRID MOUNTING MAT | 3M INNOVATIVE PROPERTIES COMPANY | 15/06/2007 | CHENNAI |
| 17 | 256938 | 2424/CHENP/2008 | 13/11/2006 | 17/11/2005 | PROCESS FOR THE SEPARATION OF C5 HYDROCARBONS BY THE SELECTIVE DIMERIZATION OF ISOBUTENE | SNAMPROGETTI S.p.A. | 06/03/2009 | CHENNAI |
| 18 | 256939 | 274/CHE/2008 | 01/02/2008 | | RAW ARECANUT DEHUSKING MACHINE | K.S. HALASWAMY | 21/03/2008 | CHENNAI |
| 19 | 256940 | 378/CHE/2008 | 14/02/2008 | 15/02/2007 | A METHOD OF COMMUNICATING A DIGITAL MESSAGE WITH AN INFORMATION SIGNAL | AVAYA TECHNOLOGY LLC | 11/09/2009 | CHENNAI |
| 20 | 256942 | 2192/CHE/2007 | 28/09/2007 16:10:51 | | DECORATED SHEET AND MOLDED ARTICLE INTEGRATED WITH THE SAME | TEIKOKU PRINTING INKS MFG. CO., LTD. | 02/04/2010 | CHENNAI |

| | | | | | | | | |
|----|--------|----------------|------------|------------|--|--|------------|---------|
| 21 | 256944 | 908/CHENP/2007 | 26/08/2005 | 02/09/2004 | METHOD OF ASSEMBLY OF DRUG DELIVERY DEVICES | SANOFI-AVENTIS DEUTSCHLAND GMBH | 24/08/2007 | CHENNAI |
| 22 | 256945 | 15/CHE/2005 | 11/01/2005 | | AN ADHESIVE COMPOSITION AND A PROCESS FOR BONDING RUBBER TO METALS AND ALLOYS | INDIAN SPACE RESEARCH ORGANISATION | 16/03/2007 | CHENNAI |

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

| Serial Number | Patent Number | Application Number | Date of Application | Date of Priority | Title of Invention | Name of Patentee | Date of Publication of Abstract u/s 11(A) | Appropriate Office |
|---------------|---------------|--------------------|---------------------|------------------|---|--|---|--------------------|
| 1 | 256919 | 617/KOL/2004 | 30/09/2004 | 30/09/2003 | A SURGICAL INSTRUMENT FOR IMPLANTING AN ANASTOMOTIC RING DEVICE | ETHICON ENDO-SURGERY INC. | 17/11/2006 | KOLKATA |
| 2 | 256920 | 541/CAL/2002 | 17/09/2002 | | METHOD OF MANUFACTURING A VERTICAL SCAFFOLDING ELEMENT, AND ELEMENT THUS OBTAINED | ENTREPOSE ECHAFAUDAGES | 11/03/2005 | KOLKATA |
| 3 | 256928 | 2217/KOLNP/2006 | 10/02/2005 | 25/02/2004 | WIRELESS MULTIMODE COMMUNICATION DEVICE USING A SINGLE CLOCK SIGNAL AND METHOD OF OPERATING THE SAME | MSTAR SOFTWARE R&D (SHENZHEN) LTD.,MSTARFRANCE SAS,MSTAR SEMICONDUCTOR, INC.,MSTAR SEMICONDUCTOR, INC. | 25/05/2007 | KOLKATA |
| 4 | 256929 | 933/KOL/2007 | 28/06/2007 | 31/08/2006 | A VEHICLE DIAGNOSTIC SYSTEM | GM GLOBAL TECHNOLOGY OPERATIONS, INC. | 14/03/2008 | KOLKATA |
| 5 | 256930 | 2264/KOLNP/2006 | 10/02/2005 | 10/02/2004 | A TUNABLE RESONANT CIRCUIT FABRICATED IN A SEMICONDUCTOR INTERGRATED CIRCUIT AND A METHOD OF TUNING THEREOF | TRIDEV RESEARCH LLC | 25/05/2007 | KOLKATA |
| 6 | 256946 | 1249/KOLNP/2006 | 29/10/2004 | 31/10/2003 | TETRAZOLE DERIVATIVES | ARENA PHARMACEUTICALS, INC.,MERCK SHARP & DOHME CORP. | 27/04/2007 | KOLKATA |

CONTINUED TO PART- 2