# पेटेंट कार्यालय

# शासकीय जर्नल

# OFFICIAL JOURNAL

# OF

# THE PATENT OFFICE


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**पेटेंट कार्यालय का एक प्रकाशन**

PUBLICATION OF THE PATENT OFFICE

# INTRODUCTION

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

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

4TH DECEMBER, 2015

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**THE PATENT OFFICE**
**KOLKATA, 04/12/2015**
**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:-**

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

**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 04/12/2015

## • 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 है:-**

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

**वेबसाइट: http://www.ipindia.nic.in**

**www.patentoffice.nic.in**

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

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

# SPECIAL NOTICE

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

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.8/- per page. If any further details are required to be obtained, the same can be provided by the respective Patent Offices on request.

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

# SPECIAL NOTICE

Under the new provision of the Patents Act, 1970 as amended by the Patents (Amendment) Act, 2005 and Rules there under, Publication of the matter relating to Patents in the Official Gazette of India Part III, Section 2 has been discontinued and instead The Official Journal of the Patent Office is being published containing all the activities of The Patent Office such as publication of all the patent applications after 18$^{th}$ 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.10502/DELNP/2015 A

(19) INDIA

(22) Date of filing of Application :16/11/2015

(43) Publication Date : 04/12/2015


(54) Title of the invention : METHOD FOR PRODUCING WELD JOINT


| | |
|---|---|
| (51) International classification | :B23K35/368,B23K9/00,B23K9/173 |
| (31) Priority Document No | :PCT/JP2013/080242 |
| (32) Priority Date | :08/11/2013 |
| (33) Name of priority country | :Japan |
| (86) International Application No<br>Filing Date | :PCT/JP2014/070878<br>:07/08/2014 |
| (87) International Publication No | :WO 2015/068443 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |



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**1)KUMAGAI Tatsuya**
**2)NAKAMURA Shuichi**



(57) Abstract :
This weld joint production method is a method for producing a weld joint by subjecting a steel plate having a predetermined Vickers hardness HV , plate thickness , C content , and CEN to gas- shielded arc welding by using a flux- cored wire in which a steel -made outer sheath is filled with a flux , wherein: at the time of said gas- shielded arc welding , no preheating operation is performed in cases where the temperature of the steel plate is 10°C or higher , and in cases where the temperature of the steel plate is below 10°C , preheating operation is performed such that the temperature of the steel plate is raised to 10°C or higher; the weld metal of the weld joint has a predetermined chemical composition; the weld metal has a CEN of from 0.20 to 0.58 mass%; and the average Vickers hardness HV at a depth 1 mm below the surface of the weld metal is from 337 to 440.


No. of Pages : 92 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2015

(21) Application No.3710/DEL/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYNTHESIS OF PURE MGH2 WITH REVERSIBLE HYDROGEN STORAGE CAPACITY

(51) International classification :C01B3/02
(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

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(72)**Name of Inventor :**
**1)ASHISH BHATNAGAR**
**2)DR.MOHAMMAD ABU SHAZ**
**3)DR.ONKAR NATH SRIVASTAVA**

(57) Abstract :
Apparently to solve the issue of effective hydrogen storage, there is need of large scale cost effective synthesis of pure MgH2 which can reversibly absorb hydrogen at temperature ≤300C. The present invention deals with the synthesis of hydrogen storage material MgH2 at different pressures which can reversibly ab/desorb hydrogen at ≤ 300C. The catalyst used for the synthesis of MgH2 from Mg is itself MgH2.This implies that there is no dead weight and hence almost no reduction in hydrogen storage capacity of the as synthesized material. We have synthesized pure MgH2 (without any dead weight of catalyst) with improved hydrogen ab/desorption properties as compared to commercially available MgH2. The as synthesized MgH2 can reversibly release and uptake hydrogen 2 6.0wt.% at temperature -300C with appreciable kinetics (-6.0 wt.% in 30 min.).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/11/2015

(21) Application No.3670/DEL/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYSTEM AND METHOD FOR MONITORING OF UNIQUE IDENTITY OF A COMPUTING DEVICE

(51) International classification :H04L29/12
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)JAIN, SAURABH KUMAR**
**2)JAIN, JITENDRA**
**3)KUMAR, LALIT**

(57) Abstract :
Aspects of present disclosure relate to systems and methods that monitora computing device, more specifically,. it pertains to an anti-theft system which prevents an unauthorized user to alter or change into the identity of a computing device, the device adapted to establish a communication with one or more remote station to inform about the tampering or alteration with the device ID(s):The device also configured to detect a new SIM card or no SIM card scenario for a predetermined time period and established a communication with one or more remote station through at least one communication medium. The system can also be configured to remotely lock the computing device after establishing a first communication from computing device to the device server.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/11/2015

(21) Application No.3651/DEL/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MASS PRODUCTION, PACKAGING, TRANSPORTATION AND FIELD RELEASE TECHNIQUES OF PREDATORY MITE NEOSEIULUS LONGISPINOSUS (EVANS) FOR CONTROL OF SPIDER MITES

(51) International classification :A01K67/033
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)DR.KRISHNA KARMAKAR**

(57) Abstract :
A process of making mass production, storing, packaging and field release technology of predatory mite, Neoseiulus longispinosus (Evans). N. longispinosus is mass cultured on a species of spider mite, Oligonychws sapienticolus Gupta reared on banana leaves. Spider mite first reared on leaves. Within 3-4 days cycle, the spider mites reproduce profusely thereafter, these spider mites are used as the food . for mass production of predatory mites after releasing predatory mites in it and harvested the predatory mites within next 2 days for storing, packing and transporting to field level. The production of predatory mites continues in every 6 , days cyclic order. 50% predators are being recycled for production of next batch of predators. Storing of predators is done in the form of egg, immature and adult stage in a specialized. plastic box maintaining in a controlled temperature for one day. Predators are transport to the distant places within one day after packing in box maintaining temperatures.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2015

(21) Application No.3607/DEL/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ELECTRONIC CURRENT COLLECTOR FOR VEHICLES

(51) International classification :A63H19/10
(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 :**
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(72)**Name of Inventor :**
**1)SINGH, Akhilesh Prasad**

(57) Abstract :
The present invention describes a current collector system 100 for a vehicle comprising a single-arm non-conductive pantograph 305 with insulating base on top, for collecting current from plurality of overhead power supply lines 200. The pantograph comprises plurality of carbon shoes 104 segmented in saw-tooth shape, mounted on top of said insulating base. The carbon shoes 104 are fixed with plurality of insulation gaps 103. The present invention further comprises control and monitoring system, using power supply management system with on-board researchable backup system operate using pair of overhead line of 600 V 1kV AC or DC supply or three wires for 600 V to 1 kV 3 phase AC supply.

No. of Pages : 26 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2015

(21) Application No.3711/DEL/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : KELA SAUCHALAYA

(51) International classification :A47K13/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)VINAY KUMAR TIWARY**

(57) Abstract :
In the recent scenario world population is on hike. The number of low income people also goes on increasing so pit latrine are one of the most common human excreta disposal system in low -income countries, and their use is on the rise. But the biggest concern is the discharge of chemical and microbial contaminants from pit latrines to ground water may adversely affect, human health, and its use as an indicator of fecal contamination, nitrate has been the of most widely investigated chemical contaminant derived from pit latrines. Observing this problem, invention described herein comprises of a latrine pan and collector system for use in an offset pit latrine, surround by banana tree which not only prevents the chemical contamination and pathogenic movement of soil but also it generates money which improve the economic aspect of the poor people. Kela sauchalaya is the human waste disposal system designed for the people residing in remote region or rural region. Its construction is highly cost effective and anyone can make this without investing much money. It can be constructed easily by locally available materials. The pit of the latrines never fills up in lifelong because Banana root absorbs 99.9% of the human waste debris in the form of nutrition or water. AS banana has very high nutrient requirement which is fulfilled by human waste as a result of which yields of banana increases significantly and it supports the economy of rural areas.The soaking capacity of Kela sauchalaya is much more then the normal leaching pit.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2014

(21) Application No.3461/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : IMPROVED POULTRY FEEDER

(51) International classification :A01K7/06
(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

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**1)Dhumal Anil Somnath**

(57) Abstract :
-

No. of Pages : 70 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/11/2015

(21) Application No.4333/MUM/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A MICROWAVE ELECTROTHERMAL THRUSTER ADAPTED FOR IN-SPACE ELECTROTHERMAL PROPULSION.

| | |
|---|---|
| (51) International classification | :B64G 1/42, B64G1/40 |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

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(72)**Name of Inventor :**
**1)Mr. Rohan M Ganapathy**
**2)Dr. Vinod Nowal**

(57) Abstract :
The present invention relates to a Microwave Electrothermal Thruster(MET) adapted for in-space electrothermal propulsion comprising a tunable frequency Microwave Electrothermal Thruster propulsion module enabling primary propulsion and altitude control of a satellite/spacecraft wherein RF Semiconductors is introduced for the first time as microwave generator inside cavity body to increase its efficiency and respond time and to make the thruster capable of operating in two frequencies by mechanically tuning its cavity making such thruster compact and light weight. The free-floating plasma within the resonant cavity couples the incident electrical power directly to the tangentially injected propellant gas. The plasma forms by focusing the microwave energy into the first transverse magnetic mode and operates independent of the type of propellant gas used. Also, for the first time, Shape Memory Alloy is introduced into the thruster cavity to enable faster and effective tuning of the resonant cavity diameter, when switching between two operational frequencies. (Figure 1)

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/10/2015
(21) Application No.3966/MUM/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AUTO- DIMMER DEVICE

| | |
|---|---|
| (51) International classification | :B60Q1/14, H05B 37/00 |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)Rohit Singhal**
**2)Prajval Gupta**
**3)Dr. Pankaj Srivastava**

(57) Abstract :
The present invention relates to an auto-dimming device called Auto-Dimmer Device • which may revolutionalize the automobile sector. The invention may replace the manual dipping system of automobiles with automatically dimming system. The dipper is replaced by an electronic device which makes the headlights to dim automatically. Auto-dimmer device is less expensive to make and easy to operate. Restoring time is in fraction of seconds, so it is more effective i.e., it restores the original intensity of head-lamps as soon as the vehicles passes off. Intensity after dimming is just half of the original intensity. It can be easily fitted in any of the vehicle whether it is 2-wheeler, 3-wheeler or 4-wheeler. It is operative for wide range of intensities from upcoming vehicle. Auto-dimmer device is a highly sophisticated electronic device which can avert the road accidents in the night due to unwanted glare and reflection from the approaching vehicles. Novelty of the invention: A novel auto-dimmer device which replaces the dipper to dimmer which is automatic. It reduces the intensity of headlamps to half as soon as the light from upcoming vehicle falls on its sensor and once the vehicle passes off it restores the original intensity within no time. Further, the dipper is replaced by dimmer by reducing the one filament of a headlamp. Inventiveness: The auto-dimmer device is less expensive to make and easy to operate. The restoring time is in fraction of seconds, so it is more effective i.e., it restores the original intensity of headlamps as soon as the vehicles passes off. The intensity after dimming is just half of the original intensity. The dipper is replaced by dimmer by reducing the one filament of a headlamp. It can be easily fitted in any of the vehicle whether it is 2-wheeler, 3-wheeler or 4-wheeler.It is operative for wide range of intensities from upcoming vehicle.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/11/2015

(21) Application No.4318/MUM/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : WATER-IN-OIL MICROEMULSIONS FOR PERSONAL CARE

| | |
|---|---|
| (51) International classification | :A61k9/00, A61K 8/06, A61Q 19/00 |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No<br>Filing Date | :PCT//<br>:01/01/1900 |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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(72)**Name of Inventor :**
**1)Wankhade, Arpit**
**2)Sawant, Bhagyesh**
**3)Koshti, Nirmal**

(57) Abstract :
Water-in-oil microemulsions containing triglyceride oil for personal care applications are described. The W/O type of microemulsions based on triglyceride oils such as soya oil and sunflower oil are suitable for skin cleansing shower oils. The microemulsions of the patent application allow the use of several mild surfactants, thereby obviating the use of aliphatic amine based anionic surfactants for personal cleansing. The microemulsion based on coconut oil serves like a ˜two-in-one™ formulation for pre-wash hair conditioning like a typical hair-oil and subsequently like a shampoo for cleansing the hair.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/11/2015

(21) Application No.3262/MUMNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CODING OF AUDIO SCENES

(51) International classification :G10L19/008
(31) Priority Document No :61/827246
(32) Priority Date :24/05/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2014/060727
Filing Date :23/05/2014
(87) International Publication No :WO 2014/187986
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)VILLEMOES Lars**
**3)SAMUELSSON Leif Jonas**
**4)HIRVONEN Toni**

(57) Abstract :
Exemplary embodiments provide encoding and decoding methods and associated encoders and decoders for encoding and decoding of an audio scene which at least comprises one or more audio objects (106a). The encoder (108 110) generates a bit stream (116) which comprises downmix signals (112) and side information which includes individual matrix elements (114) of a reconstruction matrix which enables reconstruction of the one or more audio objects (106a) in the decoder (120).

No. of Pages : 37 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/11/2015

(21) Application No.3263/MUMNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AUDIO ENCODER AND DECODER

| | |
|---|---|
| (51) International classification | :G10L19/00,H03M7/30,G10L19/008 |
| (31) Priority Document No | :61/827264 |
| (32) Priority Date | :24/05/2013 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No<br>Filing Date | :PCT/EP2014/060731<br>:23/05/2014 |
| (87) International Publication No | :WO 2014/187988 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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**2)PURNHAGEN Heiko**

(57) Abstract :
The present disclosure provides methods devices and computer program products for encoding and decoding of a vector of parameters in an audio coding system. The disclosure further relates to a method and apparatus for reconstructing an audio object in an audio decoding system. According to the disclosure a modulo differential approach for coding and encoding a vector of a non periodic quantity may improve the coding efficiency and provide encoders and decoders with less memory requirements. Moreover an efficient method for encoding and decoding a sparse matrix is provided.

No. of Pages : 47 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/11/2015

(21) Application No.4342/MUM/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR EXTRACTION OF ANTIBACTERIAL ELLAGIC ACID TOWARDS MECHANISTIC ACTION AGAINST PROTEINS FROM MDR ISOLATES

| | |
|---|---|
| (51) International classification | :A61K 31/00,A61K 36/00 |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No<br>Filing Date | :NA<br>:NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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**2)Dr. Archana Ninad Moon**
(72)**Name of Inventor :**
**1)Ms. Pallavi Manohar Sahare**
**2)Dr. Archana Ninad Moon**

(57) Abstract :
ABSTRACT Urinary tract infections (UTIs) are common infections that usually occur when bacteria enter the opening of the urethra and multiply in the urinary tract. The urinary tract includes the kidneys, ureters, bladder, and urethra. Urinary tract infections usually develop first in the lower urinary tract (urethra, bladder) and, if not treated, progress to the upper urinary tract (ureters, kidneys). The present invention relates to method of extraction of organic compound Ellagic acid for treatment of Multidrug- resistant Urinary Tract Infection using extract of fresh leaves of Andrographispaniculata (Burm. f.) Nees, Asteracantha Longifolia(L.) Nees, Bixaorellana L., Gardenia resinifera Roth, Pongamiapinnata(L.)Pierre, Psoraleacorylifolia L., Solanumtrilobatum L., Soymida Febrifuga(Roxb.)Juss, Sphaeranthus Indicus Linnaeus And Thespesia Populnea(L.)Sol.ex Correa. The antibacterial potential of the extracted Ellagic acid has been proved by its efficacy to inhibit the -lactamase activity (OXA and AmpC) and binding to the active site of PBP of the is lated MDR-UTI pathogen E. colias analyzed with biological as well as molecular docking tools.

No. of Pages : 20 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2015

(21) Application No.1132/KOL/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A COMPACT MULTIPURPOSE THIN FILM DEPOSITION SYSTEM

(51) International classification :B08B1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)SAYAK DUTTA GUPTA**

(57) Abstract :
The invention is a multipurpose system for thin film deposition. The deposition is brought about in the system by either of the methods namely, atomic layer deposition, chemical vapour deposition and sputtering deposition. This functionality is achieved in the system utilizing enormous energy stored in compact 2.45 GHz Electron Cyclotron Resonance (ECR) plasma. The resonance takes place on an iso-gauss curved surface of a falling magnetic field configuration, generated by a solid cylindrical dipole permanent magnet in conjunction with a shaped annular iron discand a return yoke. The shaped iron plate is placed concentrically between the plasma chamber and the reactor chamber. The prerequisite gases are injected through suitable gas inlet ports depending upon the method used. The work-piece is mounted on a rotatable platform in a magnetic field free region inside the reactor chamber. This ensures uniform, high quality thin film deposition.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/11/2015

(21) Application No.1205/KOL/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A COMMUNICATION SYSTEM HAVING A TACTILE DISPLAY BOARD FOR BLIND PERSON

(51) International classification :H04B7/26
(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

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**3)SWATI GHOSH**
(72)**Name of Inventor :**
**1)DR. BISWARUP NEOGI**
**2)ANIRUDHA ROY**
**3)SWATI GHOSH**

(57) Abstract :
This invention relates a communication system having a tactile display board for blind person and in particular, this invention relates to the communication systemin which the tactile display board will convert all the written matters in braille language automatically and also this system will automatically convert to required language as per the used display type. More particularly, this present invention also relates toa communication system, implemented as low-cost input peripherals consists of one Braille key board containing Braille letters along with the output peripherals which consists of a display monitor consisting of cells actually presenting each braille letter.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1138/KOL/2015 A
(19) INDIA
(22) Date of filing of Application :09/11/2015
(43) Publication Date : 04/12/2015

(54) Title of the invention : A NOVEL SYNERGISTIC HERBAL FORMULATION FOR DEGENERATIVE DISEASE CARDIOVASCULAR DISEASES, AUTOIMMUNE,INFLAMMATORY AND METABOLISM DISORDER AND THE PROCESS OF PREPARING THE SAME

(51) International classification :A61K36/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)AKHAWRI SHANKAR**

(57) Abstract :
The present invention relates to a novel synergistic herbal formulation for degenerative disease, cardiovascular diseases, autoimmune, inflammatory and infectious diseases and metabolism disorder etc. of man, animal and plants More particularly, the present invention relates to the herbal formulation for degenerative disease, cardiovascular diseases, autoimmune, inflammatory and infectious diseases etc which is prepared by using preparation of pongamia pinnata, Dalbergia sissoo ( shishu) and Syzygium aromaticum ( clove) which is used as directly and neuro pathways. Moreover this invention relates to the process for the preparation of the above composition.

No. of Pages : 43 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/11/2015

(21) Application No.1180/KOL/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : POLY HERBAL FORMULATION

| | |
|---|---|
| (51) International classification | :A61K 36/00 |
| (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 |

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(72)**Name of Inventor :**
**1)GUPTA, MRADU**

(57) Abstract :
ABSTRACT POLY HERBAL FORMULATION Antipyretic, analgesic, and anti-inflammatory poly-herbal formulation comprising extract of bioresources Tinospora cordifolia, Emblica officinalis and Cyperus rotundus in a suitable solvent, said bioresources being present in the solvent in the ratio of 1:1:1 by weight of dried part in that order.

No. of Pages : 67 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/11/2015

(21) Application No.1181/KOL/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SOLAR DRYER

(51) International classification :F24J2/00
(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

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(72)**Name of Inventor :**
**1)Shiv Sankar Das**
**2)Biswajit Nayak**
**3)Udaya Kumar Sahoo**
**4)Debashree Behera**

(57) Abstract :
The present invention relates to an energy efficient solar dryer for drying foods, vegetables, seafood, edibles or organic foods and thereof. More specifically, the present invention eliminates moisture and provides sufficient drying in a reliable, hygienic and economic way with all three modes of heat transfer viz., conduction, convection and radiation. Further, the present invention eliminates the use of auxiliary heaters by taking advantage of direct sunlight falling over the dryer that is made of a good heat conducting material to heat air within the drying room.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/11/2015

(21) Application No.1175/KOL/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DETECTION KIT FOR AEROMONAS HYDROPHILA INFECTION IN FISH AND METHOD OF DETECTING THE SAME

(51) International classification :A61K39/02
(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

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(72)**Name of Inventor :**
**1)DR. SIDDHARTHA NARAYAN JOARDAR**
**2)PROF. T. JAWAHAR ABRAHAM**
**3)DR. GADADHAR DASH**

(57) Abstract :
This invention relates to a detection kit for Aeromonas hydrophila infection in fish and in particular, this invention relates to a detection kit for Aeromonas hydrophila exposure in fish in which the enzyme-conjugated anti-IMC (anti-Indian Major Carp viz. anti-rohu, anti-catla and anti-mrigal) immunoglobulins will detect antibody response of A. hydrophila infected rohu, catla and mrigal. More particularly, this present invention relates to a method of detecting the Aeromonas hydrophila in which enzyme (HRPO) conjugated anti-rohu, anti-catla and anti-mrigal immunoglobulins assess the humoral immune responses in rohu, catla and mrigal during A. hydrophila infection. Furthermore, this invention also relates to the detection kit which is convenient and fast for operation, is suitable for on-site detection, and is high in specificity, detection sensitivity, accuracy, and reliability and application prospect is promising.

No. of Pages : 26 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/11/2015

(21) Application No.1182/KOL/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : RAPID CURING AGENT

(51) International classification :C04B28/14
(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

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(72)**Name of Inventor :**
**1)SASANK SEKHAR HOTA**

(57) Abstract :
The present invention relates to rapid curing of concrete in a very less amount of time. More specifically, the present invention improves the bond strength between reinforcing bars and concrete at a very early age utilizing reduced energy consumption and cement. Further, the present invention is very economical compared to the existing curing processes and utilizes the same equipment used for steam curing with slight modifications.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/11/2015

(21) Application No.1185/KOL/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A TOUCH-PAD BASED DEVICE WITH INTEGRATED ELECTRONIC TOOL PROVIDING AUTHENTICATION FOR USER

| | | |
|---|---|---|
| (51) International classification | :G06F3/0354 | (71)**Name of Applicant :** |
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| (32) Priority Date | :NA | Address of Applicant :Assistant Professor, Department of |
| (33) Name of priority country | :NA | ECE, National Institute of Technology, Agartala, Barjala, Jirania, |
| (86) International Application No | :PCT// | Tripura - 799055, India Tripura India |
| Filing Date | :01/01/1900 | (72)**Name of Inventor :** |
| (87) International Publication No | : NA | **1)Mitra Barun Sarkar** |
| (61) Patent of Addition to Application Number | :NA | **2)Sawon Pratiher** |
| Filing Date | :NA | **3)Sabyasachi Mukhopadhyay** |
| (62) Divisional to Application Number | :NA | **4)Prasanta K. Panigrahi** |
| Filing Date | :NA | **5)Manik Bhowmik** |

(57) Abstract :

A TOUCH-PAD BASED DEVICE WITH INTEGRATED ELECTRONIC TOOL PROVIDING AUTHENTICATION FOR USER

The present invention provides a touch-pad based device with integrated electronic tool providing authentication for user. The present invention also provides a novel touchpad-implemented methodology for authenticating mobile devices such as smartphones. The method comprises of displaying a visual interface on a touchpad device and accepting the user's input by means of drawings, such that the user communicates his secret pass-figure in noisy background of drawings, so as to prevent unauthorized access by duplicating the pass-figure drawing and gaining access. It is based on the concept of steganography in human behavioral actions such as gesture drawing. The robustness of the system increases with experience since it uses reinforced learning methodology and pressure dynamics.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/11/2015

(21) Application No.1156/KOL/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A COMPREHENSIVE POSITIONING SECURITY SYSTEM

(51) International classification :G08B21/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)KARAMBIR SHAW BURMAN**

(57) Abstract :
This invention relates to a Comprehensive Positioning Security System and in particular, this invention relates to a Comprehensive Positioning Security System which comprises a microcontroller, GPS module, GSM module and switch arrangement. Furthermore, this invention also relates to a Comprehensive Positioning Security System which has the beneficial effects of having safety and reliability. In addition, the intelligent security and protection system is simple in structure and easy to produce and has good application prospect.

No. of Pages : 26 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/11/2015

(21) Application No.1163/KOL/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : Rail-Alert

(51) International classification :G06F17/00
(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

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(72)**Name of Inventor :**
**1)Anupam Kumar**
**2)Pravesh Kumar**
**3)Dr. Rajesh Kumar**
**4)Akshay Kumar**

(57) Abstract :
Present invention relates to a device for prevention of accidents at Rail-road interaction/crossings by creating a environment of cautious by sharing the onus with road user from railway perspective. More particularly present invention relates to a device which, via interactive audio-visual warnings warns a driver of approaching rail-road crossings. Said device relies on space-based navigation and Geo-fence methodology.

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

## 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.1295/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :26/04/2012

(43) Publication Date : 04/12/2015


(54) Title of the invention : CAN CHANGER FOR A SPINNING PREPARATION MACHINE AND METHOD FOR CHANGING CANS


| | | |
|---|---|---|
| (51) International classification | :A61M | (71)**Name of Applicant :** |
| (31) Priority Document No | :10 2011 075 632.9 | **1)RIETER INGOLSTADT GMBH** |
| (32) Priority Date | :11/05/2011 | Address of Applicant :FRIEDRICH-EBERT-STRASSE 84, 85055 INGOLSTADT, GERMANY Germany |
| (33) Name of priority country | :Germany | (72)**Name of Inventor :** |
| (86) International Application No | :NA | **1)OTMAR KOVACS** |
| Filing Date | :NA | **2)ROBERT FELSER** |
| (87) 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 can changer for a spinning preparation machine, preferably for a drawing frame, carding machine, or comber, wherein the can changer comprises at least two can gripper devices by means of which one can (1) each can be brought between a first position and a second position, wherein each can gripper device comprises a contact surface (2) for the can (1) and a retaining element (3) that is displaceably mounted relative to the contact surface (2). According to the invention, each retaining element (3) can be displaced by means of an actuating device (4) between a closed position, in which a can (1) can be fixed by means of the retaining element (3) and the associated contact surface (2) of the associated can gripper device, and an open position in which the can (1) is not fixed. The invention further relates to a method for changing cans (1) on a spinning preparation machine, preferably a drawing frame, carding machine, or comber, by means of a can changer, by means of which the cans (1) are brought between a first position and a second position during the can exchange, and characterized in that two cans (1) each are fixed relative to the can changer by means of a common actuating element (9) prior to the can changing.


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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2012

(21) Application No.1424/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : TESTING METHODS FOR WIND TURBINE BLADES

(51) International classification :G01N
(31) Priority Document No :P201100532
(32) Priority Date :16/05/2011
(33) Name of priority country :Spain
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)RIEZU CORPAS, MIGUEL**
**2)ROJAS DIAZ, RAMON**
**3)SAAVEDRA BAO, RUBEN**

(57) Abstract :
Testing method for determining the distribution of a physical property along a wind turbine blade comprising the following steps: a) installing inside the blade a first optical fibre cable (13) along the leading and trailing edges and a second and third centered optical fibre cables (14, 15) at both sides of the blade (9), leaving in them a free end; b) applying one load to the blade (9) in a test bench (10) placed at the blade factory; c) obtaining the strain distribution produced by said load along the blade (9) using a suitable external equipment connected to said free end for measuring the strain using Rayleigh scattered light; d) determining the distribution of said physical property from said strain distribution; e) comparing the distribution of said physical property with its design distribution. The invention also comprises a method of installation of said cables.

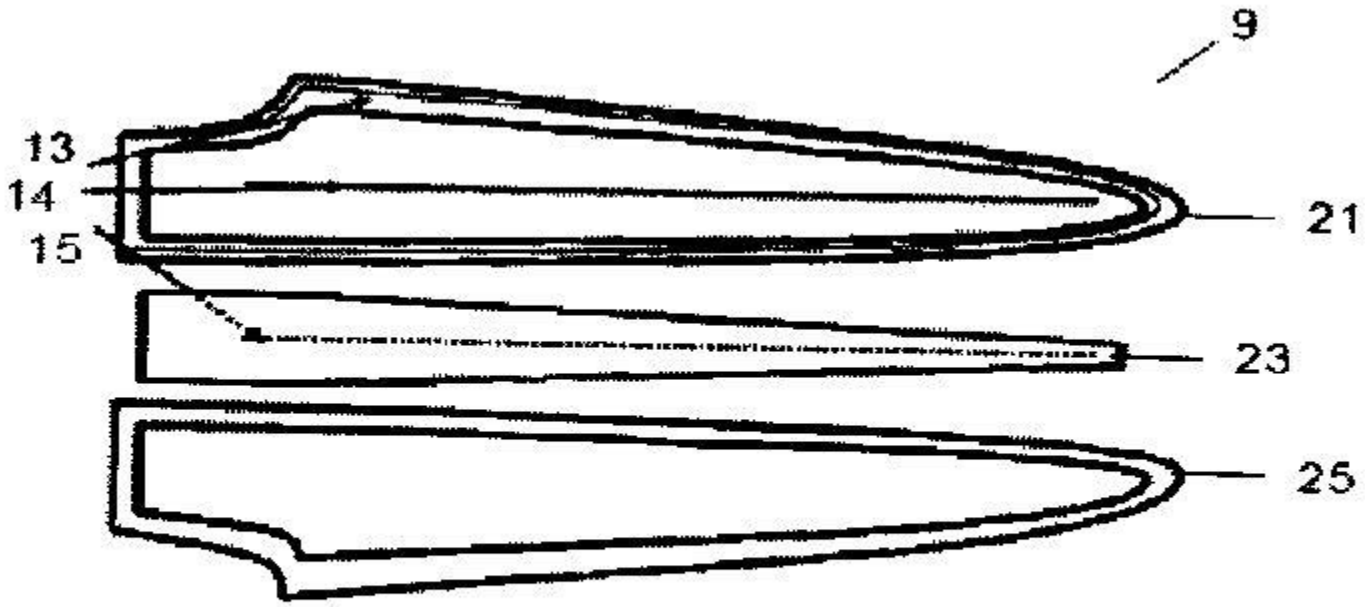



FIG. 2

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2014

(21) Application No.1424/DEL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A COOLING STRUCTURE FOR CYLIDER BLOCK OF ENGINE TO IMPROVE ENGINE KNOCK MITIGATION CHARACTERISTICS.

(51) International classification :F02P5/152
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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**2)SANDEEP KUMAR**
**3)NARINDER KUMAR**
**4)AMIT GAUTAM**

(57) Abstract :
This invention relates to a cooling structure for a cylinder block of engine to improve engine knock mitigation characteristics comprising a drill hole in a critical inter bore region of the cylinder block to improve cooling thereof. It is associated with the following advantageous features:- - More proximity to high heat flux area leads to better cooling as compared to prior art. - Improvement in cooling high temperature locations like inter bore region. - Forced flow of oil due to machined oil gallery leads to better mass flow rate than water. - Attaining high flow rate than water based gasket hole. - Lower temperatures at inter bore region comparatively resulting in better durability of cylinder block structure.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2014
(21) Application No.1425/DEL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AN IMPROVED SNYCHRONIZER FOR DAMAGE CONTROL OF SYNCHRONIZER RING

(51) International classification :F16D23/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)PUNEET KOHLI**
**3)SHIGERU INOUE**
**4)AMIT TALWAR**
**5)MEENAKSHI PATRI**
**6)AYUSH JAIN**

(57) Abstract :
This invention relates to an improved synchronizer pack of synchronizer comprising a synchronizer hub fitted with synchronizer rings accommodated inside a sleeve, wherein the synchronizer ring is integrally provided with a plurality of lugs on its boss area for protection against damage due to engine torsional vibration. It is associated with the following advantageous features:- - Prevention of damage to synchronizer ring owing to engine torsional vibration. - Improved thrust contact area between synchronizer ring and key, thereby reducing torsional impact between synchronizer ring and key. - Reduction of the torsional impact by reducing the torsional acceleration of ring. - Reliable and efficient.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2012

(21) Application No.1315/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MIXER FOR MIXING AT LEAST TWO FLOWABLE COMPONENTS AND DISPENSING APPARATUS

| | |
|---|---|
| (51) International classification | :B65D |
| (31) Priority Document No | :11164431.6 |
| (32) Priority Date | :02/05/2011 |
| (33) Name of priority country | :EUROPEAN UNION |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | :NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

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(72)**Name of Inventor :**
**1)ANDREAS HIEMER**

(57) Abstract :
A mixer for mixing at least two flowable components is proposed having a mixer housing (3) which has an outlet opening (7) for the components, having at least one mixing element (4) arranged in the mixer housing (3) for mixing the components, having at least two separate inlet passages (5, 6) through which the components can be introduced into the region of the mixing element (4) separately from one another, wherein each inlet passage (5, 6) is designed for sealing cooperation with a respective outlet passage (84, 921) of a storage container (8) or of a chamber (91, 92) and wherein at least one of the inlet passages (5) is designed at its end intended for cooperation with the outlet passage (84) as a piercing element (51) for opening a flow connection between the storage container (8) or the chamber (91, 92) and this inlet passage (5). The piercing element (51) includes at least two inflow areas for the component, with the two inflow areas being inclined relative to one another. A dispensing apparatus having such a mixer is furthermore provided.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2012

(21) Application No.1316/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CONNECTING PIECE FOR A STATIC SPRAY MIXER

(51) International classification :B01F
(31) Priority Document No :11167132.7
(32) Priority Date :23/05/2011
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)ANDREAS HIEMER**

(57) Abstract :
A connecting piece is proposed for a static spray mixer for mixing and spraying at least two flowable components which has a tubular mixer housing (2) having at least one mixing element (3) as well as an atomizing sleeve (4), wherein the mixer housing (2) extends in the direction of a longitudinal axis (A) up to a distal end (21) which has an outlet opening (22) for the components, and wherein the atomizing sleeve (4) has an inlet passage (41) for a pressurized atomizing medium as well as an inner surface having a plurality of grooves (5) which can form separate flow passages together with the mixer housing (2), which connecting piece has an inlet region (11) for cooperating with the distal end region (27) of the mixer housing (2) as well as an outlet region (12) for cooperating with the atomizing sleeve (4), with the inlet region (11) and the outlet region (12) including a deflection angle (a) different from zero, and wherein the outlet region (12) has at its end remote from the inlet region (11) an end section (13) whose outer contour is the same as that of the mixer housing (2) so that the end section (13) of the outlet region (12) can cooperate with the atomizing sleeve (4) in the same manner as the distal end region (27) of the mixer housing (2) can cooperate with the atomizing sleeve (4).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2012

(21) Application No.1446/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : GAS DRIVEN ANESTHESIA MACHINE AND INTEGRATED MANUAL/MECHANICAL VENTILATION DRIVING DEVICE THEREOF

(51) International classification :A61B
(31) Priority Document No :201110134382.3
(32) Priority Date :11/05/2011
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)ZHANG QUNFENG**
**2)WAN FUKAI**

(57) Abstract :
A gas driven anesthesia machine and an integrated manual/mechanical ventilation driving device are provided. The device comprises a movable or deformable external chamber, an internal chamber disposed within the external chamber. The internal chamber has a first port for air communication with outside, and the external chamber has a second port for air communication with outside. The external and internal chambers are configured such that when driving gas enters the space therebetween via the second port, the internal chamber is squeezed by the driving gas so that gas contained therein is delivered via the first port. The external chamber is also adapted to be manually squeezed inwardly to contact and squeeze the internal chamber so that gas is delivered from the internal chamber via the first port. The present invention reduces complexity of circuit design, reduces the number of components used, reduces cost, improves reliability and facilitates the usage.

No. of Pages : 19 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/04/2012

(21) Application No.1299/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYSTEM AND METHOD FOR LIFTING A CASING SECTION

(51) International classification :B66F
(31) Priority Document No :13/097,655
(32) Priority Date :29/04/2011
(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

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(72)**Name of Inventor :**
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**2)CORN, RANDALL STEPHEN**
**3)HOLMES, JAMES BRADFORD**
**4)SPANOS, CHARLES V.**

(57) Abstract :
A system for lifting a first casing section (12) relative to a second casing section (14) is disclosed. The system may generally include a guide member (60) configured to be coupled to the second casing section (14) so as to generally extend lengthwise in a lift direction (36) of the first casing section (12) and a sleeve member (62) configured to be coupled to the first casing section (12). The sleeve member (62) may be movably disposed on the guide member (60) such that the sleeve member (62) is displaced along a length (64) of the guide member (60) as the first casing section (12) is lifted in the lift direction (36).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2012

(21) Application No.1427/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : REINFORCING STRUCTURE OF BACK DOOR OPENING SHOULDER PART OF VEHICLE

(51) International classification :E05B
(31) Priority Document No :2011-107988
(32) Priority Date :13/05/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)YOSHIKAWA, KENJI**

(57) Abstract :
The rigidity is improved of a back door opening shoulder part and the torsional rigidity of a vehicle body to reduce deformation and the like at spots where side body outer panels and a roof panel overlap each other and also to distribute loads, which are inputted to the side body outer panels in the top-bottom direction, to quarter inner panels and the like. In a reinforcing structure of a back door opening shoulder part 2, the back door opening shoulder part 2 has a roof assembly R and side body assemblies S and is formed of a vehicle body having the roof assembly R and the side body assemblies S joined to each other, the roof assembly S including roof members 5 and 6 in which roof rail portions 4 are provided, each side body assembly S including a side body outer panel 7 and a quarter inner panel 9. A reinforcement panel 15 is arranged in a vehicle top-bottom direction below the outer panel 7 located in each opening shoulder part 2, the reinforcement panel 15 extending in the vehicle front-rear direction and separating a closed cross-sectional portion of the opening shoulder part 2 into two sections as viewed from a front side of the vehicle. At each roof rail portion 4, an upper end portion 15a of the corresponding reinforcement panel 15 and the corresponding outer panel 7 are joined to each other, and also the roof members 5 and 6 and the outer panel 7 are joined to each other. The upper end portion 15a of reinforcement panel 15 and the roof member 6 are fastened to each other. A lower end portion 15b of each reinforcement panel 15 is joined to the corresponding quarter inner panel 9.

No. of Pages : 26 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/05/2012

(21) Application No.1489/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A SURGICAL FASTENER FOR APPLYING A LARGE STAPLE THROUGH A SMALL DELIVERY PORT

(51) International classification :A61M
(31) Priority Document No :13/164,960
(32) Priority Date :21/06/2011
(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

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**2)JASON L. HARRIS**
**3)MICHAEL J. STOKES**
**4)JEFFREY C. CERIER**
**5)JONATHAN B. O'KEEFE**
**6)KEITH D. BOUDREAU**
**7)MARK S. ZEINER**

(57) Abstract :
A surgical fastener applying device having a handle with a trigger pivotably attached thereto and movable within a trigger plane. The trigger has a bottom portion extending from the handle and a top portion disposed within a housing of the handle .. The device has a staple housing with a proximal end attached to the handle, a distal end extending therefrom and a longitudinal axis therebetween. The housing has a firing bar disposed within, and the trigger is coupled to the firing bar. The device has a link member with a first end pivotably attached to the top portion of trigger, the link member has a -··second···end·comprising·a-·slidable pin The pin engages·a three··dimensionai·cam path·disposed Within the housing. The link member follows distal and proximal mcvement of the top portion of the trigger, and the pin slides perpendicular to the trigger plane to follow the three dimensional cam path. Page 36

No. of Pages : 69 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2012
(21) Application No.1430/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DOUBLE SHEET VACUUM FORMING METHOD AND MOLD FOR SAME

(51) International classification :B29C
(31) Priority Document No :201110143071.3
(32) Priority Date :30/05/2011
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)GANG ZHENG**
**2)JING MING ZHENG**

(57) Abstract :
The present invention proposes a double sheet vacuum forming method; a foaming process step is performed after performing a vacuum molding process step, wherein the vacuum molding process step includes the following steps: a heating step, in which heating step two sheets are placed into a compound mold and heating of the two sheets is carried out such that the two sheets attain a forming temperature; an evacuation step, wherein the interior of said compound mold is evacuated such that said two sheets are sucked onto the mold; a cooling step, wherein cooling of the two sheets is carried out; and a foaming process step is performed wherein a foaming material and a curing agent are injected into a cavity between the two sheets, such that the foaming material is cured. Using this method, it is possible to realize a simple process for processing a composite material, and the cost is low. The present invention also proposes a mold for the double sheet vacuum forming method.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2012

(21) Application No.1431/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND DEVICE FOR THE UNIFORM NAMING OF IDENTICAL PARAMETERS OF DIFFERENT FIELD DEVICES OF AN AUTOMATION SYSTEM

(51) International classification :G06F
(31) Priority Document No :102011101154.8
(32) Priority Date :11/05/2011
(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

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**2)ALEXANDER KAISER**
**3)BENJAMIN DANZER**
**4)DIRK JOHN**
**5)DIRK SCHULZ**
**6)ROLAND BRAUN**
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(57) Abstract :
The invention relates to -a method and to a device for the unification of differing designations (TUnit; TempUnit; etc.) of physically identical parameters of different field devices (2a, 2b) of the same type in an automation system, which are parameterized from at least one central control unit (4) via a communication network (3), wherein by means of the control unit (4), in the different field devices (2a, 2b) of the same type, the physically identical parameters are identified by semantic analysis of the differing designations (TUnit; TempUnit; etc.), after which an in each case identical identification (processvalue.unit) is attached to the differing designations (TUnit; TempUnit; etc . ) .

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/05/2012

(21) Application No.1495/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MULTI-LAYER N-TYPE STACK FOR CADMIUM TELLURIDE BASED THIN FILM PHOTOVOLATIC DEVICES AND METHODS OF MAKING

(51) International classification :G01N
(31) Priority Document No :13/149,395
(32) Priority Date :31/05/2011
(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

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**2)GOSSMAN ROBERT DWAYNE**

(57) Abstract :
Thin film photovoltaic devices (10) are provided that generally include a transparent conductive oxide layer (14) on the glass (12), a multi-layer n-type stack (16) on the transparent conductive oxide layer (14), and a cadmium telluride layer (20) on the multi-layer n-type stack (16). The multi-layer n-type stack (16) generally includes a first layer (17) and a second layer (18), where the first layer (17) comprises cadmium and sulfur and the second layer (18) comprises cadmium and oxygen. The multi-layer n-type stack (16) can, in certain embodiments, include additional layers (e.g., a third layer (19), a fourth layer, etc.). Methods are also generally provided for manufacturing such thin film photovoltaic devices (10).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/05/2012

(21) Application No.1496/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : REFRACTIVE INDEX MATCHING OF THIN FILM LAYERS FOR PHOTOVOLTAIC DEVICES AND METHODS OF THEIR MANUFACTURE

(51) International classification :G01N
(31) Priority Document No :13/149,167
(32) Priority Date :31/05/2011
(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

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(72)**Name of Inventor :**
**1)GOSSMAN ROBERT DWAYNE**

(57) Abstract :
Thin film photovoltaic devices (10) are generally provided. In one embodiment, the device (10) includes a high index layer (11) (e.g., having a refractive index of about 2 or more) on a glass substrate (12) and a low index layer (13) (e.g., having a refractive index of about 1.5 or less) on the high index layer (11). A transparent conductive oxide layer (14) is positioned on the low index layer (13), and a photovoltaic heterojunction (e.g., a cadmium sulfide layer (18) and a cadmium telluride layer (20)) is positioned on the transparent conductive oxide layer (14). In an alternative embodiment, the device (10) can include the low index layer (13) on the glass substrate (12) and the high index layer (11) on the low index layer (13). Methods are also generally provided for manufacturing such thin film photovoltaic devices (10).

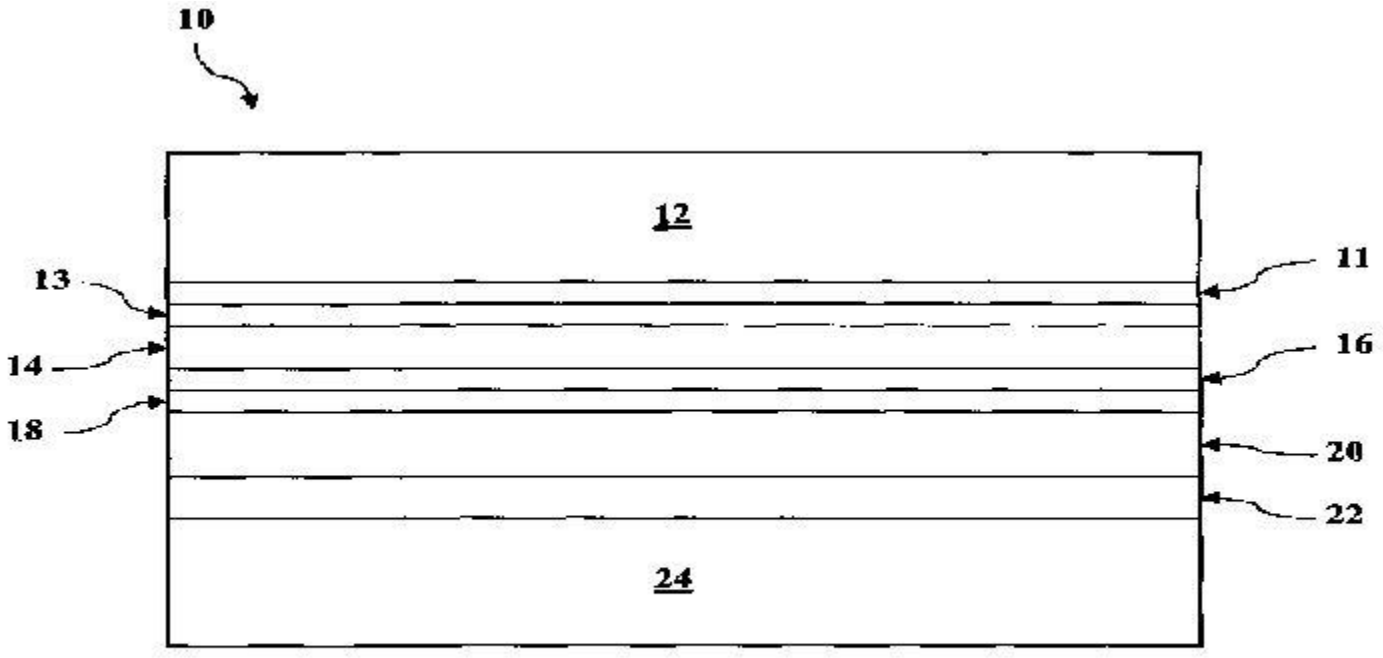



Fig. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/04/2012

(21) Application No.1305/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : VERSATILE KINETIC ENERGY RECOVERY DEVICE

(51) International classification :G01N
(31) Priority Document No :61/481,208
(32) Priority Date :01/05/2011
(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 :**
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**1)RUDOLPH NATHANIEL BRISSETT**

(57) Abstract :
Described herein is a device, process, and system for the transformation of kinetic energy from one form to a more appropriately useful form. The single inventive concept utilizes compressed fluid and has the ability to transform energy from traffic including motorized traffic, from wave or ocean power on or within the ocean, from any animate object which may activate it. Energy may also be harvested from machines in motion. Numerous uses including industrial, recreational or around the home may be made of this invention. The essential components involve an actuator which activates a radial outflow reaction turbine, where the turbine may also have internal compressed storage utilised in causing rotation of said turbine.

No. of Pages : 18 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2014

(21) Application No.1436/DEL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : INCENTIVE GENERATOR

(51) International classification :A61F5/01
(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 :
Filed on :01/01/1900
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)LUCKY GUPTA**
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Uttar Pradesh India
(72)**Name of Inventor :**
**1)LUCKY GUPTA**

(57) Abstract :
Inventive subject matter of the present disclosure provides systems and methods for computing incentive points for a user by one or more service/product providing entities by dynamically evaluating and quantifying value of a user based on his/her actions, events, impact of such changes on the user and/or his contacts/relationships/social circle, among other like factors. Systems and methods can also be configured to take into account several other parameters such as influence of the user on decision making of others, profile/personality of the user, social contribution, product purchase trend/history, social network level interaction, recommendations, preferences, among other like attributes in order to determine and dynamically change the type, nature, and volume of points/incentives to be given to the us.

No. of Pages : 18 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2012

(21) Application No.1437/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A MONITORING SYSTEM AND METHODS FOR MONITORING MACHINES WITH SAME

(51) International classification :G07F
(31) Priority Document No :13/107725
(32) Priority Date :13/05/2011
(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)GENERAL ELECTRIC COMPANY**
Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A. U.S.A.
(72)**Name of Inventor :**
**1)JENSEN, RAYMOND VERLE**
**2)HATCH, CHARLES TERRANCE**
**3)SHEIKMAN, BORIS LEONID**

(57) Abstract :
A monitoring system (101) for use with a system (100) is provided. The monitoring system includes a data management system (123) that includes a database (124) configured to store data representative of at least one operating characteristic of at least one machine (102). A portable display assembly (128) is coupled to the data management system and includes at least one sensor (240) configured to detect the presence of the machine within a predefined distance (241) from a portion of the display assembly. The display assembly also includes a communication interface (202) that is coupled to the data management system and is configured to receive the data. Moreover, the display assembly includes a display media (218) that is coupled to the communication interface for presenting an output representative of the data to a user of the display assembly such that the user is enabled to view historical data of the machine and/or monitor the machine in real-time.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2012
(21) Application No.1500/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : EXTENDING CONTROL PLANE FUNCTIONS TO THE NETWORK EDGE IN AN OPTICAL TRANSPORT NETWORK

(51) International classification :H04N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)SWINKELS, GERARD L.**
**2)SKALECKI, DAREK**
**3)PRAKASH, ANURAG**
**4)CHHILLAR,MOHIT**

(57) Abstract :
A method of extending the control plane to a network edge for a network having a transport plane for carrying subscriber traffic within end-to-end connections, and a control plane for managing at least a portion of resources of the transport plane allocated to the connections. A first set of control-plane enabled nodes of the network is designated as core nodes, each core node being operable to route subscriber traffic between a pair of neighbour core nodes in the network. A second set of control-plane enabled nodes of the network is designated as tail nodes, each tail node being connected to a core node and operating only as a source or sink of subscriber traffic into or from the network. Each core node that is connected to at least one tail node is designated as a host node. The host node is controlled to advertise summary information of its connected tail nodes to other core and tail nodes in the network, thus making it possible to extend control plane function to the tail nodes which can calculate connection routes, set-up/tear-down connections and perform connection failure recovery functions.

No. of Pages : 22 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/04/2012

(21) Application No.1303/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHODS TO DETECT A SINGLE POINT OF FAILURE

(51) International classification :G01N
(31) Priority Document No :13/107,253
(32) Priority Date :13/05/2011
(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

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(72)**Name of Inventor :**
**1)BRAHMAVAR, RAMESH PAI**

(57) Abstract :
A method of detecting a single point of failure includes: placing a portion of a machine being monitored by a plurality of monitoring devices (102,104,106) in a first position; causing the portion to cycle to a second position during a first cycle; measuring a component of electrical power provided by a first power supply unit (108) while the portion cycles during the first cycle; returning the portion to the first position; causing the portion to cycle to the second position during a second cycle; measuring the component of electrical power provided by a second power supply (110) during the second cycle; determining that an amount of the component of electrical power provided during either the first or second cycle is equal to or less than a minimum value; and generating an alarm.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/04/2012

(21) Application No.1304/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SAFETY IV CATHETER ASSEMBLIES

(51) International classification :A61M
(31) Priority Document No :61/479,556
(32) Priority Date :27/04/2011
(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

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(72)**Name of Inventor :**
**1)STEUBE., GREGORY A.**

(57) Abstract :
A safety IV catheter assembly is disclosed which includes a catheter assembly, a needle assembly and a needle guard assembly. The needle guard assembly includes a needle guard, a biasing member and a bushing. The bushing is slidably positioned about the needle and includes an inner diameter which is smaller than an enlarged diameter portion of the needle such that the needle cannot be withdrawn through the bore of the bushing.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2012

(21) Application No.1435/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FLUE GAS LINE SPRAYING APPARATUS

| | |
|---|---|
| (51) International classification | :B05B |
| (31) Priority Document No | :10 2011 050 331.5 |
| (32) Priority Date | :13/05/2011 |
| (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 |

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**1)PAPENHEIM, GEORG**
**2)HASKE, THOMAS**
**3)OPLOH, LOTHAR**
**4)VOLLMER, BERND**

(57) Abstract :
In the case of a flue gas line spraying apparatus, which is arranged in a flue gas line (10) between a power station boiler and a gas scrubber (12) associated with the power station boiler, the intention is to provide a solution for preventing damage to a gas scrubber (12) and/or a unit downstream of the gas scrubber (12) caused by hot flue gas flowing out of a power station boiler during a non-operational phase of the power station boiler. This is achieved in that the flue gas line spraying apparatus (16) is arranged in the region of a flue gas line connection of the gas scrubber (12) and designed to discharge cooling fluid directed towards flue gas flowing in the flue gas line (10) during a non-operational phase of the power station boiler following an operational phase.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2014

(21) Application No.1435/DEL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AN APPARATUS AND A METHOD FOR FOLDING A LONGITUDINALLY MOVING WEB

(51) International classification :B31F1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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**2)SHAJI JOHN**
**3)RAJNEESH KUMAR SHARMA**

(57) Abstract :
A novel web folding apparatus and a method are disclosed for creating a folded section (3a) on a longitudinally moving web towards the open edge of said web. The apparatus comprises edge breaking roller (4) and the angle bar (5) having a fixed axial relationship with each other thereby defining the folding edge of the folded section (3a) on the moving web.

No. of Pages : 26 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2012
(21) Application No.1505/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DEVICE AND METHOD FOR USE WITH AN ANESTHESIA MACHINE FOR AUTOMATICALLY IDENTIFYING PATIENT INFORMATION

(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)GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY COMPANY, LLC.**
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(72)**Name of Inventor :**
**1)WANG XUEQING**
**2)GUO FENG**

(57) Abstract :
A device and method for use with an anesthesia machine for automatically identifying patient information is provided, said device comprising: an identification card for storing patient information and configured to be adaptive for association with a patient; a transmitting module for transmitting the patient information to said identification card; and an identifying module in communicative connection with a control unit of the anesthesia machine for identifying said identification card and adapted to provide information stored in said identification card to the anesthesia machine. By using the device and method for use with an anesthesia machine for automatically identifying patient information according to an example embodiment of the invention, it avoids manually inputting control parameters for the anesthesia machine by the doctor and prevents from causing possible harms to target patients under a machine-control mode due to unawareness of physiological characteristics of the patients, thereby improving control accuracy of the device and reducing clinical risks.

No. of Claims : 19 No. of Pages : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2012

(21) Application No.1432/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : EXAMINATION TABLE FOR CT MACHINE

(51) International classification :A61M
(31) Priority Document No :201120181003.1
(32) Priority Date :30/05/2011
(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)SIEMENS AKTIENGESELLSCHAFT**
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(72)**Name of Inventor :**
**1)ZHAO WEN JIANG**

(57) Abstract :
The present utility model provides an examination table for a CT machine with a phantom for calibrating the CT machine, which examination table for a CT machine comprises: a body of the examination table, a phantom, and a connection mechanism, with one end of said connection mechanism being pivotally connected to the body, and the other end of said connection mechanism being fixed onto the phantom. Laborious efforts and time for moving and installing heavy phantoms can be saved by using such examination table for a CT machine, and the effect in saving space is achieved by storing the phantoms in the space under the examination table which is usually unused.

No. of Pages : 16 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2012

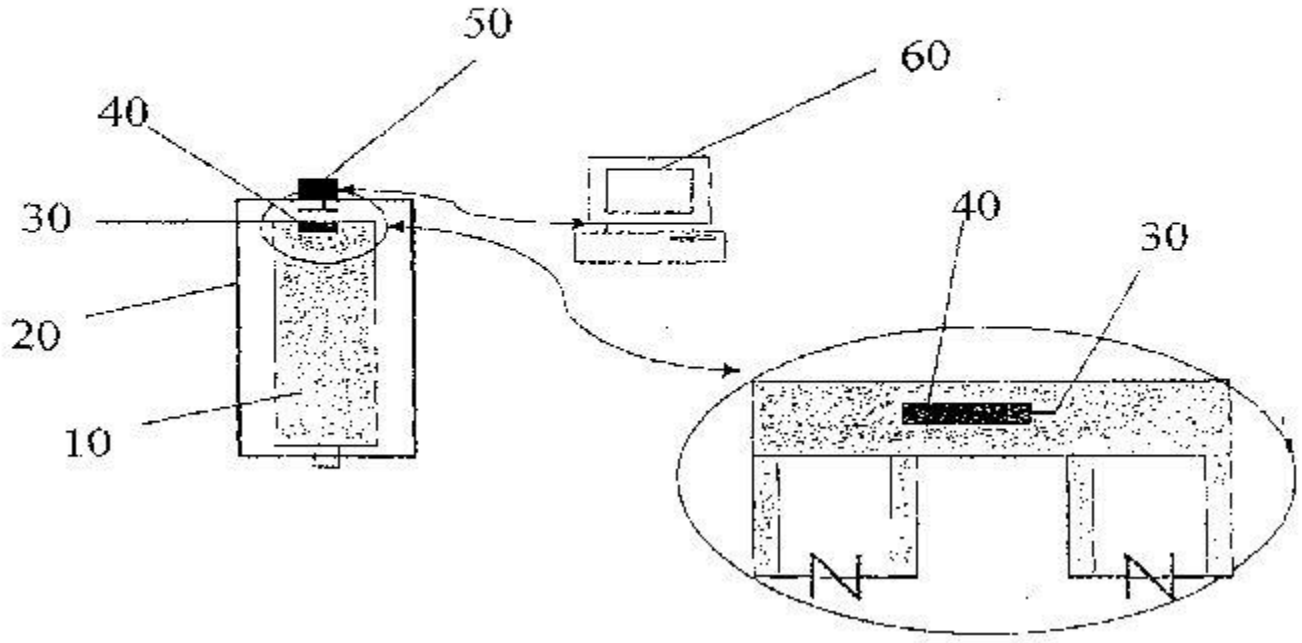
(21) Application No.1433/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A METHOD OF INSURING THE INTEGRITY OF A FILTERING ELEMENT WITHIN A FILTER HOUSING

| | | |
|---|---|---|
| (51) International classification | :A61M | (71)**Name of Applicant :** |
| (31) Priority Document No | :11/402,437 | **1)MILLIPORE CORPORATION** |
| (32) Priority Date | :12/04/2006 | Address of Applicant :290 CONCORD ROAD, BILLERICA, MASSACHUSETTS 01821, U.S.A. U.S.A. |
| (33) Name of priority country | :U.S.A. | |
| (86) International Application No | :NA | (72)**Name of Inventor :** |
| Filing Date | :NA | **1)ANTHONY DILEO** |
| (87) International Publication No | : NA | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number Filed on | :624/ DEL/2007 :22/03/2007 | |

(57) Abstract :
A method of insuring the integrity of a filtering element within a filter housing, locating a concentration sensor, in connection with a transmitter, on the downstream side of said filtering element; introducing a tracer gas into said filter housing; monitoring the concentration of said tracer gas at the downstream side of said filtering element using said sensor; and comparing said concentration to a predetermined range to determine integrity of said filtering element.

Figure 1: Temperature Probe / RFID Communication Device within Filter Endcap




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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/05/2012

(21) Application No.1497/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : WAXING DEVICE, SPINNING UNIT, AND SPINNING MACHINE

(51) International classification :D06N1/00
(31) Priority Document No :2011-196332
(32) Priority Date :08/09/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)YUICHI SHODA**
**2)YOKOTA ITARU**

(57) Abstract :
A waxing device ( 100) includes a rotation shaft (::_01) adapted to hold a wax body (W) to apply wax to a travelling spun yarn ( 10), a wax pin (113) provided to make contact with the wax body (W) held by the ro;tation shaft (101) and adapted to position the v...·ax body (W) wit-spect to the spun yarn (10), a base (105) adapted to movably,support the wax pin (113) in an advancing-and-receding direction with respect to the wax body (W), a compression spring 1., (119) adapted to urge the wax pin (113) in a directicn of moving away from the wax body (W) with respect to the base, and a spacer unit (120) adapted to position the wax pin (113) with respect to the base (105) by being sandwiched and detachably held by the wax pin (113) and the base (105) urged by the compression st=ring (119). [Most Illustrative Drawing] FIG. 3 31

No. of Pages : 43 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/05/2012

(21) Application No.1498/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : YARN WINDING MACHINE

(51) International classification :D06N1/00
(31) Priority Document No :2011-194272
(32) Priority Date :06/09/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)TANIGAWA TASUNOBU**

(57) Abstract :
A yarn wir_ding machine ( 100) includes a bobbin holdin-g sectiot (71) adapted to rotatably hold a bobbin (TB), a yarn information detecting secion (5) adapted to detect continuation or disconti_n;lation of a spun yarn (Y) to be wound into the bobbin (TB), . . a packa drivng section (73) adapted to rotate the bobbin (TB) or a pakage (E) formed on the bobbin (TB), and a control section ( 10) adapted o control the package driving section ( 7 3) in accordance with a detection signal from the yarn information detecting section ( 5) . When the yarn information detecting section (5) detects discontinuation of the spun yarn (Y), the control section (10) controls the package driving section (73) to stop rotation of the bobbin (TB) to stop a yarn end (YE) of the spun yarn (Y) at a prescribed position. [Most Illustrative Drawing] FIG. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/05/2012

(21) Application No.1499/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : POWER CONVERTER APPARATUS

(51) International classification :H02J
(31) Priority Document No :2011-111948
(32) Priority Date :19/05/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)MIWA NAOKI**
**2)NAGATA HIROSHI**

(57) Abstract :
A power converter apparatus includes a plurality of switching devices (111-114) connected in series between a positive side D.C. power source (P) and a bus (31) for outputting A.C. power; a plurality of switching devices (111-114) connected in series between a negative side D.C. power source N and a bus (32) for outputting A.C. power; diode devices (121-122) connected in series between a neutral point D.C. power source (COM) and the switching devices; and insulating walls (101, 102, 201, 202, 203, 204) for preventing a short-circuit route owing to the conductive gas, arranged in the proximity of the switching devices. The insulating walls are arranged between the switching devices and the fuses, between the switching devices and the diode modules, between the switching devices and the buses or among a plurality of switching devices. Alternatively, the insulating walls cover the periphery of the switching devices.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2012

(21) Application No.1443/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A FUEL INJECTOR FOR INTERNAL COMBUSTION ENGINES

(51) International classification :F02M
(31) Priority Document No :RE2011A000039
(32) Priority Date :06/06/2011
(33) Name of priority country :Italy
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)LUIGI, STEVANI**
**2)ALESSANDRO, BIANCO**

(57) Abstract :
A fuel injector (10) for internal combustion engines, comprising an external casing (11) provided with at least an inlet (13) and at least an outlet (14) for the fuel to be injected, an obturator element (16), means (18) for moving the obturator element (16) between a closed position, in which it closes the communication between the inlet (13) and the outlet (14), and an open position, in which it opens the communication between the inlet (13) and the outlet (14), a fixed endrun element (21) designed to come into contact with the obturator element (16) in order to hall said obturator (16) in the open position and an elastomer ring (30) interposed between the obturator element (16) and the endrun element (21), the elastomer ring (30) exhibiting a transversal generating section (300) comprising at least a portion (301) having an inclined development with respect to a central axis (X) of the elastomer ring (30).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2012

(21) Application No.1444/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : WOUND DRESSING II

(51) International classification :A61B
(31) Priority Document No :11 004 167.0
(32) Priority Date :19/05/2011
(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)LOHMANN & RAUSCHER GMBH & CO. KG**
Address of Applicant :IRLICHER STRAE 55, 56567 NEUWIED, GERMANY. Germany
(72)**Name of Inventor :**
**1)DR. MARIUS-THOMAS GORKA**

(57) Abstract :
The invention relates to a sterile wound dressing having a backing and a nonabsorbent elastomer wound contact layer, wherein the elastomer matrix is formed by a synthetic three-block elastomer, preferably a copolymer of polystyrene block and polyolefin block (SEPS, SEBS, SEEPS, etc.) or mixtures thereof, wherein the total polymer content is less than 3.2 wt%, in particular 3.0 wt% or less, preferably 2.6 wt% or less, and is plasticized by an apolar oil and/or petroleum jelly.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2012

(21) Application No.1445/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : WOUND DRESSING I

(51) International classification :A61B
(31) Priority Document No :11 004 166.2
(32) Priority Date :19/05/2011
(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)LOHMANN & RAUSCHER GMBH & CO. KG**
Address of Applicant :IRLICHER STRAE 55, 56567 NEUWIED, GERMANY. Germany
(72)**Name of Inventor :**
**1)DR. MARIUS-THOMAS GORKA**

(57) Abstract :
The invention relates to a wound dressing having a backing and an antimicrobial wound contact layer, wherein the wound contact layer has a hydrophobized active ingredient.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2012

(21) Application No.1502/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF TUNABLE FLUORESCENT POLYMER COMPOSITION

(51) International classification :C08F
(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)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH**
Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110001, INDIA Delhi India
(72)**Name of Inventor :**
**1)ASHA SYAMAKUMARI**
**2)KAUSHLENDRA KUMAR**
**3)ANUYA NISAL**

(57) Abstract :
The invention relates to polymers formed from a polypeptide and flourescent molecules. Particularly, the invention relates to polymers formed from polypeptide such as silk and fluorescent molecules. The flourescene of such polymers of the invention are tunable.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2012

(21) Application No.1503/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COHERENT OUT-OF-CORE POINT-BASED GLOBAL ILLUMINATION

(51) International classification :G01N
(31) Priority Document No :13/156,213
(32) Priority Date :08/06/2011
(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)PACIFIC DATA IMAGES LLC**
Address of Applicant :1800 SEAPORT BOULEVARD, REDWOOD CITY, CA 94063, UNITED STATES OF AMERICA U.S.A.
(72)**Name of Inventor :**
**1)KONTKANEN, JANNE M**
**2)TABELLION, ERIC**
**3)OVERBECK, RYAN S.**

(57) Abstract :
A computer-animated scene is shaded by a computing system having an in-core memory and coupled to one or more out-of-core storage devices. The scene is comprised of shading locations on a surface element of an object in the scene. A point cloud representation of the scene is generated. An octree data structure based on the point cloud representation of the scene is generated. To generate the octree data structure, the Morton code for each point in the point cloud representation of the scene is computed. The points are then sorted based on the Morton code, recursively subdivided to find at most a threshold number of nodes, and written to the one or more out-of-core storage devices. The shading locations are then shaded based on the nodes written to the out-of-core storage devices.

No. of Pages : 36 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2012

(21) Application No.1504/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SUPPLY STOP WITH CONNECTION VERIFICATION

(51) International classification :A61M
(31) Priority Document No :13/293253
(32) Priority Date :10/11/2011
(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)BRASSCRAFT MANUFACTURING COMPANY**
Address of Applicant :39600 ORCHARD HILL PLACE, NOVI, MICHIGAN 48375, UNITED STATES OF AMERICA U.S.A.
(72)**Name of Inventor :**
**1)TURNAU, III, WILLIAM FRAKLIN**
**2)SCHUTTE, JOSEPH P.**

(57) Abstract :
An apparatus for assembling or disassembling a pipe in a pipe holder, includes: a washer having a body having an annular portion and an extended portion having central bore passing therethrough, the body made of a memory material; a compression fitting for insertion into the pipe holder, the extended portion fitting in the compression fitting; and, a lock for insertion into the pipe holder. The lock is for moving the compression fitting to deform the annular portion against the holder if inserted to form a seal between the pipe, the compression fitting and the holder. The lock also is for allowing the annular portion to reform and move against the holder if the lock is removed such that the compression fitting may be removed if the lock is removed.

No. of Pages : 19 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2014

(21) Application No.1462/DEL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A PROTECTING CAP FOR AN ELECTRONIC CONTROLLER

(51) International classification :H02J7/00
(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)DANFOSS A/S**
Address of Applicant :Nordborgvej 81, DK-6430 Nordborg, Denmark; Denmark
(72)**Name of Inventor :**
**1)PALANI, Senthil Kumar**
**2)S, Balaji A.**
**3)SHANMUGAKANI, Balasubramanian**
**4)SUNDARARAJAN, Srikanth**

(57) Abstract :
A protecting cap (1) for an electronic controller (4), the protecting cap (1) comprising a first opening (2) arranged to receive an end part of an electronic controller (4), and a second opening (3) allowing one or more electrical wires (5) to pass through the protecting cap (1). The protecting cap (1) is made from an elastic material which is capable to stretch in response to a pulling force being applied to the protecting cap (1), and to resume a relaxed state restoring its shape and size, when the pulling force is no longer applied. The protecting cap (1) can thereby be mounted and retained on an end part of an electronic controller (4) by means of the elastic properties of the protecting cap (1).

No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2014

(21) Application No.1463/DEL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : QRS COMPLEX IDENTIFICATION IN ELECTROCARDIOGRAM SIGNALS

(51) International classification :A61B5/044,
(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)INDIAN INSTITUTE OF TECHNOLOGY, DELHI**
Address of Applicant :HAUZ KHAS, NEW DELHI-110016 Delhi India
(72)**Name of Inventor :**
**1)BHAUMIK, Basabi**
**2)KUMAR, Sanjeev**

(57) Abstract :
The present subject matter relates to processing of Electrocardiogram (ECG) signals, and in particular, relates to identifying a QRS complex in an ECG signal. The method comprises receiving, and filtering the ECG signal by passing through at least one of a first low-pass filter and a high-pass filter to obtain a filtered ECG signal (402). The filtered ECG signal (402) is processed based on a moving average technique. Further, a search region (406) is identified in the processed ECG signal (404), and a maximum amplitude peak (408) is identified in a time interval of the filtered ECG signal (402) that corresponds to a time span of the search region (406) of the processed ECG signal (404). The maximum amplitude peak (408) is an R peak of the QRS complex (500). Subsequently, a Q peak and an S peak of the QRS complex (500 is identified based on the R peak.

No. of Pages : 44 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/05/2012

(21) Application No.1530/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A BONDING METHOD FOR A WIND TURBINE MULTI-PANEL BLADE

(51) International classification :C08F
(31) Priority Document No :P201100576
(32) Priority Date :24/05/2011
(33) Name of priority country :Spain
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)GAMESA INNOVATION & TECHNOLOGY, S.L.**
Address of Applicant :AVENIDA CIUDAD DE LA INNOVACION 9-11, 31621 SARRIGUREN (NARVARRA), SPAIN Spain
(72)**Name of Inventor :**
**1)VELEZ ORIA, SERGIO**
**2)ZUGASTI PARAMO, AMAIA**
**3)MARIN MARTINEZ, FRANCISCO JAVIER**
**4)RODRIGUEZ SAIZ, EMILIO**
**5)AROCENA DE LA RUA, ION**
**6)SANZ PASCUAL, ENEKO**

(57) Abstract :
The present invention relates to a polymeric composition composed of a fluoropolymer and of zinc oxide (ZnO) of nanometric size which is intended for the manufacture of films transparent in the visible region and opaque to UV radiation. More particularly, in the composition according to the invention, the said filler is present in a proportion by weight of 0.1 to 10%, preferably of 0.5 to 6%, the ZnO particles have a size ranging from 25 to 40 nm, preferably from 30 to 35 nm, these particles have a surface treatment and the said composition is devoid of acrylic polymers.

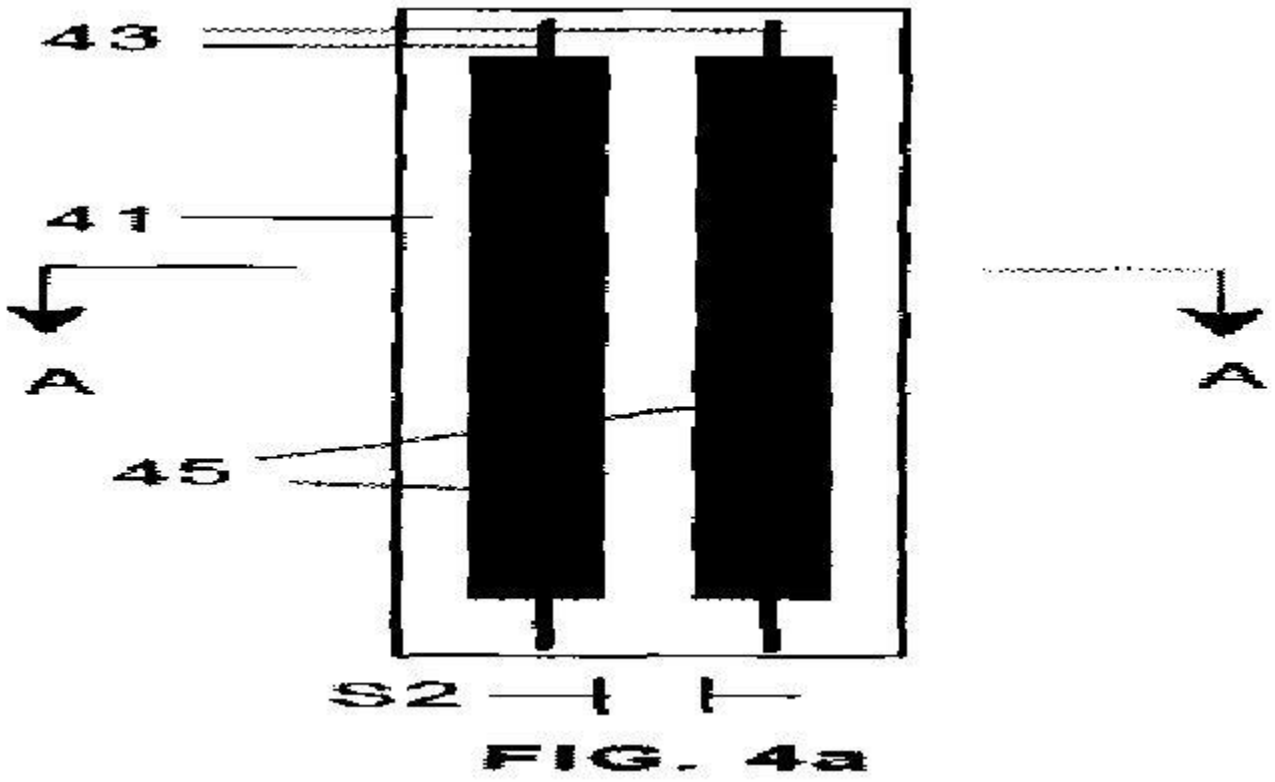



FIG. 4a

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/05/2012

(21) Application No.1531/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : STAMP AND ASSOCIATED STAMP PAD

(51) International classification :A61M
(31) Priority Document No :A-1733/2011
(32) Priority Date :23/11/2011
(33) Name of priority country :Austria
(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)TRODAT GMBH**
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(72)**Name of Inventor :**
**1)MARKUS ZEHETNER**
**2)PETER ZINDL**

(57) Abstract :
The invention describes a stamp (1) consisting of a telescoping upper and lower part (6, 7) as well as a printing plate holder (8) pivotally disposed in the lower part (7) to accommodate the stamp plate (3) . A retaining device (21) for a stamp pad (4) is associated with the printing plate holder (8) and in a rest position (2), the printing plate holder (8) is positioned in the range 80° to 135°, in particular at approximately 90° with respect to a contact area (22) . From this rest position (2), the stamp (1) can be displaced into an operating position (23) to produce a stamped imprint via guide means, whereby the printing plate holder (8) is turned about two guide pins (27), wherein one guide pin (27) is respectively disposed on a side face (28) of the printing plate holder (8), and they simultaneously engage in guide slots (29, 30) in the upper and lower part (6, 7).

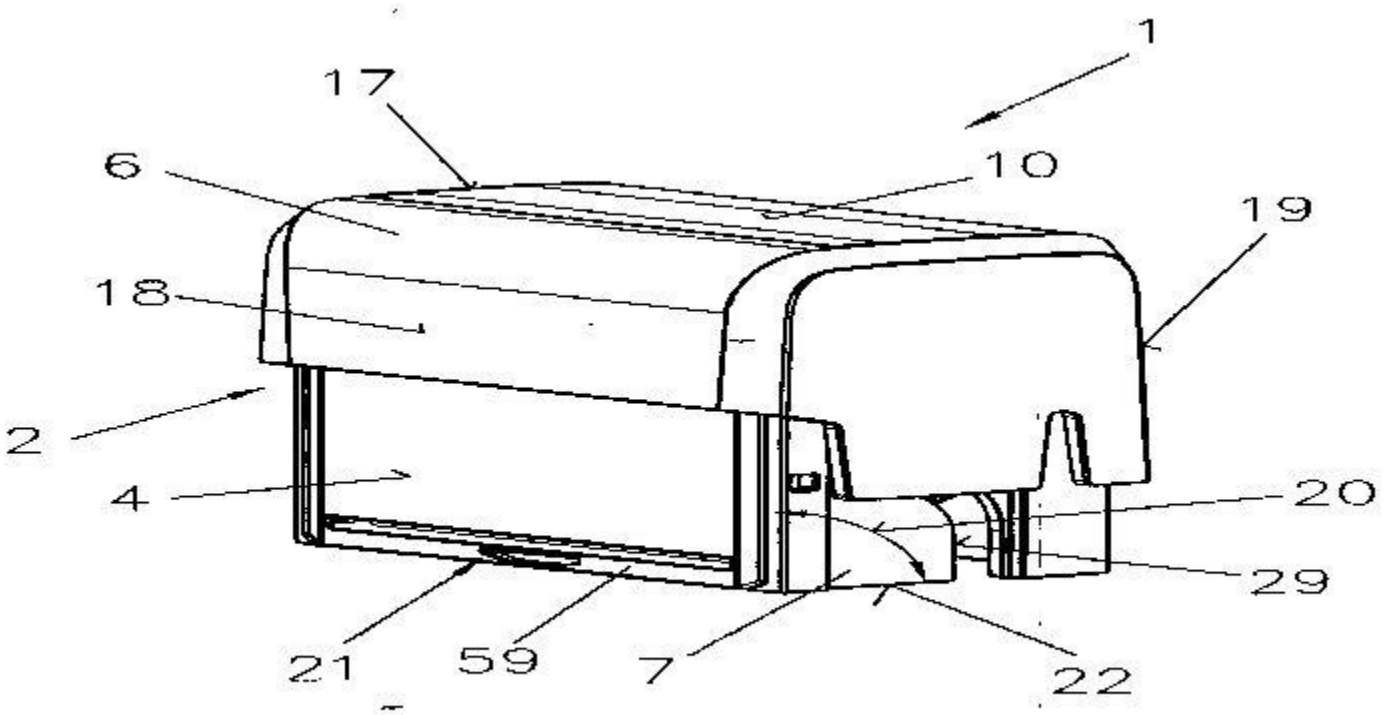



Fig.1

No. of Pages : 103 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/04/2012

(21) Application No.1285/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A WIND TURBINE AND AN ASSOCIATED CONTROL METHOD

(51) International classification :F03B
(31) Priority Document No :PA 2011 70210
(32) Priority Date :29/04/2011
(33) Name of priority country :Denmark
(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)Envision Energy (Denmark) ApS**
Address of Applicant :Torvet 11 2 8600 Silkeborg Denmark
Denmark
(72)**Name of Inventor :**
**1)Michael Friedrich**
**2)Peter Grabau**

(57) Abstract :
A partial pitch wind turbine and an associated control method are described wherein the wind turbine blade comprises an inner blade section designed as a stall-controlled blade and an outer blade section designed as a pitch-controlled blade. During operation of the wind turbine the outer blade sections are pitched out of the wind to reduce the lift force generated in the outer blade sections thereby reducing the blade root moments due to reduced moment arms. Meanwhile the inner blade sections continually produce increasing power output for increasing wind speed thereby allowing for nominal power output to be maintained while effectively de-rating the outer blade sections.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2012

(21) Application No.1413/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : TENSION CONTROL APPARATUS AND TENSION CONTROL METHOD OF HOT ROLLING MILL

| | |
|---|---|
| (51) International classification | :B21B |
| (31) Priority Document No | :2011-105755 |
| (32) Priority Date | :11/05/2011 |
| (33) Name of priority country | :Japan |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | :NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)**Name of Applicant :**
**1)HITACH, LTD.**
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(72)**Name of Inventor :**
**1)KAYAMA MASAHIRO**
**2)KOBAYASHI TAKUYA**

(57) Abstract :
The invention reduces a dispersion of a strip width due to an influence of a strip temperature. In a tension control apparatus of a hot rolling mill which is provided with a plurality of rolling stands, sets a hot rolling mill provided with a looper between the stands to a control subject, and controls a tension of the strip passing through the hot rolling mill to a desired value, the apparatus is provided with a tension reference storage means which stores a tension reference value, a tension reference correcting means which incorporates a detected temperature from a temperature gauge measuring a temperature of the strip, and corrects the tension reference value in accordance with a deviation between a target temperature and the detected temperature of the strip, and a tension control means which adjusts the hot rolling mill in correspondence to a deviation between the corrected tension reference value and the detected tension value.

No. of Pages : 34 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2014

(21) Application No.1413/DEL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : NON-INTERFEROMETRIC PHASE MEASUREMENT

(51) International classification :G01N21/21,
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)KHARE, Kedar Bhalchandra**
**2)SHARMA, Manoj Kumar**
**3)SENTHILKUMARAN, Paramasivam**

(57) Abstract :
Techniques described herein are generally related to non-interferometric phase measurements of an optical signal. The various described techniques may be applied to methods, systems, devices or combinations thereof. Some methods for determining phase data of the optical signal may include transmitting the optical signal through a first optical element and obtaining first intensity data at a first focal plane of the first optical element by an optical sensor. Example methods may also include transmitting the optical signal through a second optical element. The second optical element may include a phase transformation mask. Example methods may further include obtaining a second intensity data at a second focal plane of the second optical element by the optical sensor and determining the phase data for the optical signal based on the first intensity data and the second intensity data.

No. of Pages : 44 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2012

(21) Application No.1539/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHODS AND SYSTEM FOR OIL FREE LOW VOLTAGE CONDUITS

(51) International classification :H02J
(31) Priority Document No :CO2011A000020
(32) Priority Date :25/05/2011
(33) Name of priority country :Italy
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)MEI, LUCIANO**
**2)FRANCI, FABRIZIO**
**3)BIANCHI, DINO**

(57) Abstract :
Systems and methods according to these exemplary embodiments provide for electrically connecting magnetic bearings in a turbomachine to external connectors. A method includes: welding or brazing a first connector to a first end of a first electrical cable, wherein the first connector is welded or brazed to both an internal core section and an outer sheath section of the first end of the first electrical cable; and welding or brazing a second connector to a second end of the first electrical cable, wherein the second connector is welded or brazed to both the internal core section and the outer sheath section of the second end of the first electrical cable.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2014

(21) Application No.1411/DEL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : BINARY SYNCHRONIZED VIEW TEHNOLOGY FOR ANDROID LED TV.

| | | |
|---|---|---|
| (51) International classification | :G09B15/04 | (71)**Name of Applicant :** |
| (31) Priority Document No | :NA | **1)ARISE INDIA LIMITED** |
| (32) Priority Date | :NA | Address of Applicant :B-38, JAIN CHOWK MANGLA PURI |
| (33) Name of priority country | :NA | PALAM, DELHI-110045, INDIA. Delhi India |
| (86) International Application No | :NA | (72)**Name of Inventor :** |
| Filing Date | :NA | **1)AMIT JAIN** |
| (87) International Publication No | : NA | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :
A utility device with multiple features including dual and three dimensional display systems by the use of circular polarization of light technology, following in line with passive 3D concepts. The invention is also powered by Android OS enabling the end user to enjoy both compute and storage facilities.

No. of Pages : 9 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2012

(21) Application No.1412/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PIVOTING X-RAY IMAGING DEVICES

(51) International classification :G01N
(31) Priority Document No :13/114,244
(32) Priority Date :24/05/2011
(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)GENERAL ELECTRIC COMPANY**
Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, U.S.A. U.S.A.
(72)**Name of Inventor :**
**1)SIMMONS J. MATTHEW**
**2)BARKER DAVID E.**
**3)BRUENING JAN D.**
**4)ALDER SAMUEL L.**

(57) Abstract :
Systems and methods for rotating or pivoting an X-ray device are disclosed. The systems and methods use X-ray device in which an X-ray imaging arm (such as a C-arm) can pivotally rotate in an orbital manner about a pivot joint that is physically attached to the X-ray imaging arm and the pivot joint coincides with the center of gravity for the X-ray imaging arm. The X-ray device can have an X-ray imaging arm that has an X-ray source and an X-ray detector which are respectively disposed at nearly opposing locations of the imaging arm. The pivot joint can serve as an axis of orbital rotation around which the imaging arm pivots in an orbital fashion. The pivot joint can be pivotally attached to a first end of an X-ray imaging arm fork, which, in turn, can have its second end attached to an X-ray imaging arm support structure (such as a mobile cart). The imaging arm fork can further include a lateral pivot joint that provides a lateral axis of rotation for the imaging arm. The fork can consist of one or two arms. Other embodiments are described.

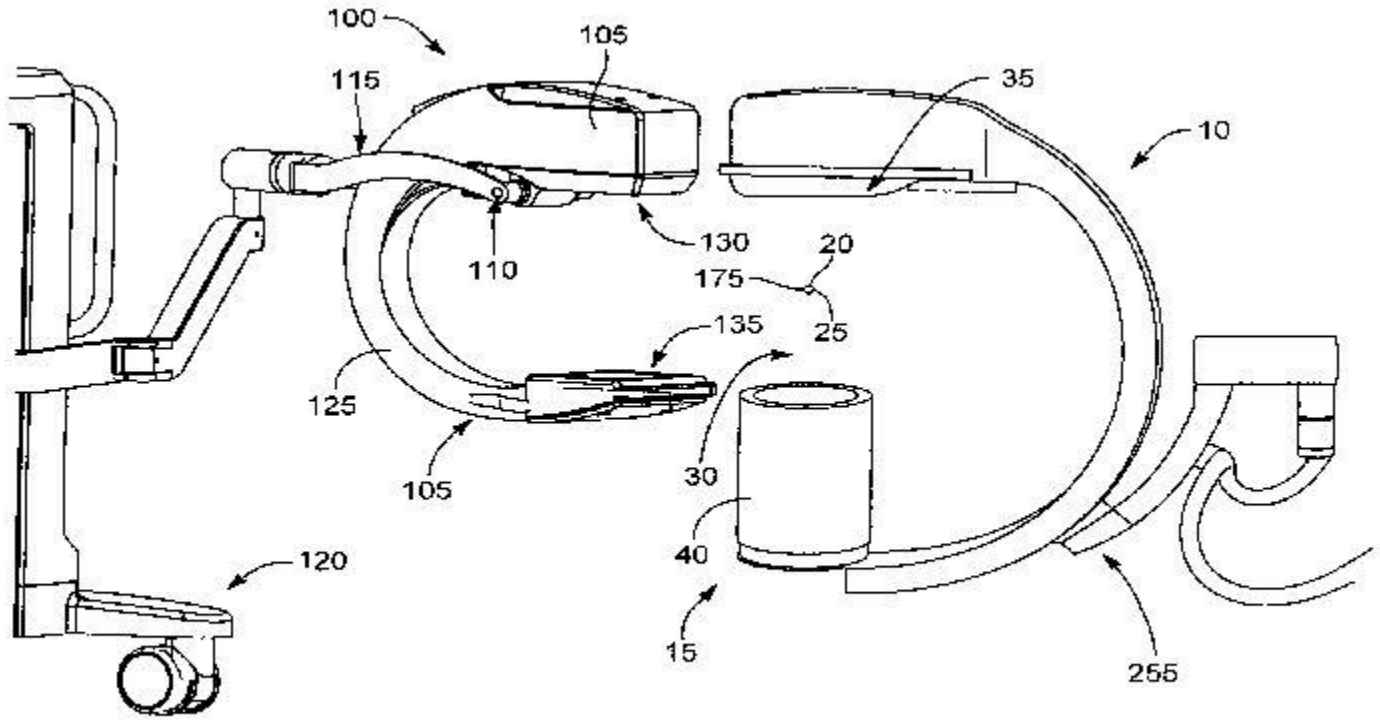



Figure 1

No. of Pages : 33 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2012

(21) Application No.1477/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : APPARATUS AND METHOD FOR THE PRODUCTION OF PLASTIC CONTAINERS FROM PREFORMS

(51) International classification :A47J
(31) Priority Document No :10 2011 075 958.1
(32) Priority Date :17/05/2011
(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)KRONES AG**
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(72)**Name of Inventor :**
**1)PREISS, JOHANNES**
**2)LINK, ALBERT**
**3)WASMUHT, KLAUS KARL**

(57) Abstract :
Described are an apparatus and a method for the production of plastic containers from preforms. Due to the fact that a combined heat and power unit is provided for generating electric energy for operating a blow molding station, for generating thermal energy for heating an oven and for cooling the preforms, a great portion of the primarily used energy can be utilized for the production process.

No. of Pages : 17 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2012

(21) Application No.1478/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : INTER DIALYTIC MONITORING DEVICE

(51) International classification :G01N
(31) Priority Document No :13/113,175
(32) Priority Date :20/05/2011
(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

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(72)**Name of Inventor :**
**1)DESHPANDE, MANISH**

(57) Abstract :
An inter dialytic monitoring device is disclosed which monitors in vivo preselected parameters of blood content during an inter dialytic period to monitor patient health. The monitoring device is configured to extend through and releasably engage a catheter which has been placed within a patient to monitor a patients blood. A sensor is provided to detect the presence of selected analytes and to identify when preselected parameters have been reached.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2012

(21) Application No.1542/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR APPLYING THERMAL BARRIER COATING

(51) International classification :C07C
(31) Priority Document No :10/426,280
(32) Priority Date :30/04/2003
(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 :726/DEL/2004
Filed on :15/04/2004

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**3)SCHORR DEBORAH ANNE**
**4)TOMLINSON THOMAS JOHN**
**5)HEIDORN RAYMOND WILLIAM**
**6)KASTRUP DAVID ALLEN**
**7)YOUNG CRAIG BOUGLAS**

(57) Abstract :
A method applying a thermal barrier coating (150) to a metal substrate (100), or for repairing a thermal barrier coating (128) previously applied by physical vapor deposition to an underlying aluminide diffusion coating (106) that overlays the metal substrate (106). The aluminide diffusion coating (106) is treated to make it more receptive to adherence of a plasma spray-applied overlay alloy bond coat layer (142). An overlay alloy bond coat material is then plasma sprayed on the treated aluminide diffusion coating (136) to form an overlay alloy bond coat layer (142). A ceramic thermal barrier coating material is plasma sprayed on the overlay alloy bond coat layer (142) to form the thermal barrier coating (150). In the repair embodiment of this method, the physical vapor deposition-applied thermal barrier coating (128) is initially removed from the underlying aluminide diffusion coating (106).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/04/2012

(21) Application No.1286/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A WIND TURBINE AND WIND TURBINE BLADE

(51) International classification :F03B
(31) Priority Document No :PA 2011 70209
(32) Priority Date :29/04/2011
(33) Name of priority country :Denmark
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)Michael Friedrich**
**2)Peter Grabau**

(57) Abstract :
A partial pitch wind turbine is described wherein the wind turbine blade has an inner blade section designed for stall-controlled operation and an outer blade section designed for pitch-controlled operation. The different blade profiles for the different sections allow for the efficient operation of the blade while providing for the control of the wind turbine to effectively reduce blade root moments. The outer blade sections can be pitched out of the wind to reduce root moments due to the outer blade sections while the increasing power capture of the inner blade section maintains nominal power output.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2012

(21) Application No.1482/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : OPTICAL ELEMENT AND ILLUMINANT DEVICE USING THE SMAE

(51) International classification :G01N
(31) Priority Document No :100211983
(32) Priority Date :30/06/2011
(33) Name of priority country :Taiwan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)HUANG, HSIN-CHIEH**
**2)YEN, CHIA-SONG**
**3)TENG, SHUN-WEN**

(57) Abstract :
An optical element is assembled to a light emitting diode (LED) to form an illuminative light source. The optical element includes a transparent main body having a light guiding pillar and an extending part. The light guiding pillar has a top surface and a bottom surface having a recess. The extending part is extended from the circumference of the top surface and an end of the extending part has at least a light-emitting surface. Wherein the LED is disposed on the recess and emits light to the optical element. The extending part guides the light and enlarges the light-emitting angle.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2012

(21) Application No.1545/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PATENT POSITIONING DEVICE

(51) International classification :G01N
(31) Priority Document No :13/153,432
(32) Priority Date :05/06/2011
(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 :**
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(72)**Name of Inventor :**
**1)BRANDON CUONGQUOC GIAP**

(57) Abstract :
A patient positioning device provided to position, protect and secure a patient on a support surface for transfer to another support surface or for preparation for surgery. The positioning device includes a sheet with a first and second flexible substrate coupled to the sheets top surface. The first and second flexible substrates may be padded. These substrates are capable of wrapping around an adjacent arm of the patient creating a wrapped engagement. This wrapped engagement may pad, protect, secure and elevate the arms from injury caused by pressure imparted thereon during surgery or transport. This positioning device may be lifted or slid from one support surface to another. Optionally, a third and fourth flexible substrate capable of wrapping around an adjacent arm of the patient creating a second wrapped engagement may be used for additional securing. Optionally, an inflatable support may be used with the device to aid when sliding or translating the device 10 with the patient thereon.

No. of Pages : 26 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2012
(21) Application No.1546/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SEMIAROMATIC MOLDING COMPOUNDS AND USES THEREOF

(51) International classification :B29C
(31) Priority Document No :EP 11 004 967.3
(32) Priority Date :17/06/2011
(33) Name of priority country :EUROPEAN UNION
(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)EMS-PATENT AG**
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**1)ANDREAS BAYER**
**2)NIKOLAI LAMBERTS**
**3)BATHO HOFFMANN**
**4)MANFRED HEWEL**

(57) Abstract :
A polyamide molding compound having the following composition: (A) 27-84.99 wt% of a polyamide mixture consisting of (Al) at least one semiaromatic, semi crystalline polyamide having a melting point in the range of 275°C to 330°C, (A2) at least one caprolactam-containing polyamide that is different from at least one semiaromatic, semicrystalline polyamide (Al) and that has a caprolactam content of at least 50 wt%, where the total caprolactam content, i.e., the sum of the caprolactam-containing polyamide (Al) and polyamide (A2), is 22-30 wt%, with respect to the polyamide mixture, (B) 15-65 wt% of at least one filler and reinforcing agent, (C) 0.01-3.0 wt% of at least one thermal stabilizer, (D) 0-5.0 wt% of at least one additive, where the components (A)-(D) add up to 100 wt%, characterized in that no metal salts and/or metal oxides of a transition metal of the groups VB, VIB, VIIB or VIIIB of the periodic table are added to the polyamide molding compound.

No. of Pages : 26 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/04/2012

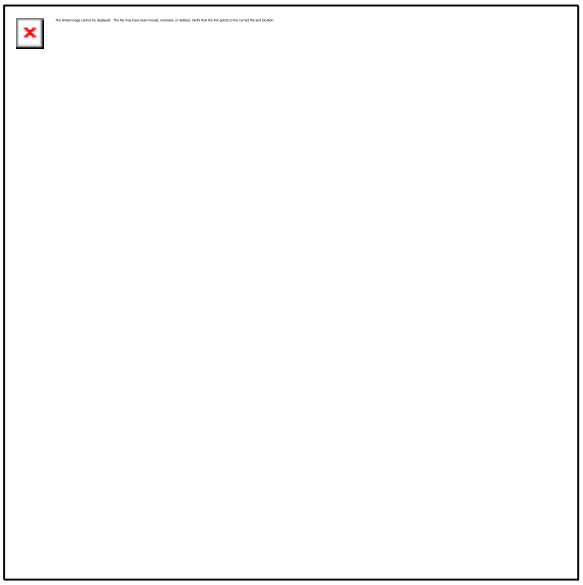
(21) Application No.1292/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HEATABLE FLANGE

(51) International classification :F16B
(31) Priority Document No :10 2011 075 088.6
(32) Priority Date :02/05/2011
(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

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(72)**Name of Inventor :**
**1)LEUTZ, DIRK**
**2)WEINZIERI, MATTHIAS**
**3)ZACHARIAS, JORG**
**4)RUNGE, TORSTEN**

(57) Abstract :
Method and device for sterilizing a flange connection comprising a sealing seat (6) used for establishing a connection between product-bearing pipelines (1a, 1b). The sealing seat (6) of the flange connection is treated by thermal energy input from the not product-bearing side.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2014

(21) Application No.1418/DEL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : THE PROCESS FOR PREPARATION OF INSTANT CEREAL FOOD AND PRODUCT THEREOF

| | |
|---|---|
| (51) International classification | :A23L 1/164 |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

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(72)**Name of Inventor :**
**1)SIMARJIT SINGH**

(57) Abstract :
The process for preparation of Instant Cereal Food where in said process comprises of following steps. (a) peeling the cob (b) corn kernels are removed from the cob. (c) passing the kernels through conveyor for grading & taking out foreign matter; the foreign matter is taken out manually whereas grading happens in a perforated stainless steel grader. (d) after that com kernels are steamed, the range of temperature is between 60 to 70 °C. (e) corn kernels then go through a process of passing through hot & cold water cycle (f) after cooling the kernels to room temperature the same is put in a blast freezer for freezing at a temperature of -36 °C for around 12 hours. (g) After the desired temperature is reached the kernels are put in cup of desired weight.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2012

(21) Application No.1483/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MULTI-LAYER N-TYPE STACK FOR CADMIUM TELLURIDE BASED THIN FILM PHOTOVOLTAIC DEVICES AND METHODS OF MAKING

(51) International classification :G01N
(31) Priority Document No :13/149,423
(32) Priority Date :31/05/2011
(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

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**1)FELDMAN-PEABODY SCOTT DANIEL**
**2)GOSSMAN ROBERT DWAYNE**

(57) Abstract :
Thin film photovoltaic devices (10) are provided that generally include a transparent conductive oxide layer (14) on the glass, a multi-layer n-type stack (16) on the transparent conductive oxide layer (14), and an absorber layer (e.g., a cadmium telluride layer) on the multi-layer n-type stack (14). The multi-layer n-type stack (16) generally includes a first layer (17) (e.g., a cadmium sulfide layer) and a second layer (18) (e.g., a mixed phase layer). The multi-layer n-type stack (16) can, in certain embodiments, include additional layers (e.g., a third layer (19), a fourth layer, etc.). Methods are also generally provided for manufacturing such thin film photovoltaic devices (10).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2012
(21) Application No.1547/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND SYSTEM FOR DETERMINING SCAN RANGE OF CT MACHINE AND CT MACHINE

(51) International classification :G01N
(31) Priority Document No :201110145238.X
(32) Priority Date :31/05/2011
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)CHEN MA HAO**
**2)JIANG TAO**
**3)WANG YU CHEN**
**4)WU TAO JIONG**
**5)ZHANG KE JUN**

(57) Abstract :
Disclosed in the present invention are a system and a method for determining the scan range of a CTmachine, a CTmachine, a computer program and a readable recording medium. In this case, the system comprises: a coordinate setting unit for setting a coordinate system for an examination tables bed board, cameras for acquiring images of a patient, a first image processing unit for determining the examination range of a target organ on the basis of the patients images, and a coordinate determination unit for determining a scan starting position of a scan plane on the basis of the relative distance between the scan plane and an examination starting position of the target organ in said coordinate system. The technical solution disclosed in the present invention ban reduce the radiation dose to the patient during positioning.

No. of Pages : 26 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2012
(21) Application No.1548/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DIAMETER MEASURING INSTRUMENT

(51) International classification :G01N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)VICTOR GAMBHIR**
(72)**Name of Inventor :**
**1)BHUPINDER SINGH GILL**
**2)VICTOR GAMBHIR**

(57) Abstract :
The present invention relates generally to a measuring device. More particularly, the present invention relates to a diameter measuring instrument. It can be used for measuring external diameters on the shop floor. It provides a simple, low cost and precise instrument for measuring external diameters. The present invention overcomes the problem of delays associated with use of Vernier calipers and micrometers for measuring external diameters while the item is under manufacture or offline. The invention also affords a built-in capability of dimensional control as often provided by go-nogo gauges. The invention is a simple, low cost, simple to use, accurate and precise instrument meant for use on the shop floor or otherwise for measuring external diameters. 12

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2012

(21) Application No.1438/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : EXCHANGEABLE LENS AND CAMERA BODY

(51) International classification :G01N
(31) Priority Document No :2011-108214
(32) Priority Date :13/05/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)IMAFUJI, KAZUHARU**
**3)TAKAHASHI, SHIGEO**
**4)NAGAYA, SHUNJI**

(57) Abstract :
An exchangeable lens includes: a mount unit at which a camera body is detachably engaged; a plurality of drive target members, conditions of which change as a drive force is applied thereto; an initialization unit that executes initialization processing for each of the plurality of drive target members; an initialization status transmission unit that transmits initialization statuses, each indicating a status of the initialization processing executed for one of the drive target members, to the camera body via a first transmission path over predetermined first cycles; and a drive condition transmission unit that transmits a drive condition of at least one drive target member among the plurality of drive target members to the camera body via a second transmission path different from the first transmission path over predetermined second cycles different from the predetermined first cycles.

No. of Pages : 52 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2012

(21) Application No.1439/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SUPPORT STRUCTURE FOR A PHOTOVOLTAIC SYSTEM

(51) International classification :G01N
(31) Priority Document No :202011102960.7
(32) Priority Date :06/07/2011
(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

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(72)**Name of Inventor :**
**1)LUDWIG, PETER**
**2)GEIST, MARTIN**

(57) Abstract :
Described herein is a support structure (10) having a plurality of flat, rectangular solar modules (20), the support structure comprises at least two substantially identical module carriers (60), wherein a base frame (30) is provided on which the module carriers (60) are supported, wherein on each of two opposite side faces of a module carrier (60), a receiving groove (62) is provided, wherein the receiving grooves having a first and a second opposing at least partially flat groove flank (65, 66) and a groove base (67), wherein the groove flanks (65 , 66) are mutually associated substantially in a plane so that the two receiving grooves (62) hold at least one solar module (20) at its side edges (22). In an embodiment, at least one bending web (70, 71) is integrally provided on the module carrier (60) at the groove base (67) of at least one receiving groove (62).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2012

(21) Application No.1561/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SEAT BACK

(51) International classification :A61M
(31) Priority Document No :2011-152550
(32) Priority Date :11/07/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)KATO, KOJI**

(57) Abstract :
A seat back reduces the number of components, simplifies the structure, and improves ease of assembly. A storage portion that stores an armrest body 49 is formed in a seat back body. The armrest body 49 is supported on a seat back frame so as to be rotatable about a horizontal shaft on a proximal end portion side, and is freely switchable between a storage state and a use state. A stopper pin 35 is provided projecting on an armrest support portion 32. A guide groove portion 52 is formed in an end portion in a width direction of the proximal end portion of the armrest body 49. The guide groove portion 52 is guided by the stopper pin 35 when the armrest body 49 rotates about the horizontal shaft. The armrest body 49 includes a bush 50 where the horizontal shaft is inserted and supported at the end portion in the width direction of the proximal end portion. The guide groove portion 52 is formed in the bush 50.

No. of Pages : 30 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2012
(21) Application No.1562/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SEAT BACK

(51) International classification :A61M
(31) Priority Document No :2011-135925
(32) Priority Date :20/06/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)KATO, KOJI**

(57) Abstract :
An arm rest 10 is provided in a seat back body 51 composed of a seat back frame, a seat back pad, and a skin material. A storage concave portion 28 is formed in the seat back body 51. The arm rest 10 includes an arm rest body 49 supported on the seat back frame via a hinge mechanism, and a cover member 20 provided so as to be relatively rotatable about a horizontal axis with respect to the arm rest body 49 and mounted to the seat back frame on a bottom portion side of the storage concave portion 28. The arm rest body 49 is freely switchable between a storage state and a use state. A projecting portion 24 is provided on the cover member 20 so as to project toward a corner portion between the bottom portion and an inner side portion of the storage concave portion 28 and press the skin material in the corner portion.

No. of Pages : 29 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2012

(21) Application No.1440/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : LID, ESPECIALLY AN ALUMINIUM LID, AND A LAMINATE FOR THE PRODUCTION THEREOF, AND A METHOD

| | | |
|---|---|---|
| (51) International classification | :B65D | (71)**Name of Applicant :** |
| (31) Priority Document No | :10 2011 106 863.9 | **1)HUHTAMAKI RONSBERG, ZWEIGNIEDERLASSUNG DER HUHTAMAKI DEUTSCHLAND GMBH & CO. KG** |
| (32) Priority Date | :07/07/2011 | Address of Applicant :HEINRICH-NICOLAUS-STR. 6, DE-87671 RONSBERG/ALLGAU, GERMANY Germany |
| (33) Name of priority country | :Germany | (72)**Name of Inventor :** |
| (86) International Application No | :NA | **1)DAELMANS, EDDY** |
| Filing Date | :NA | **2)SCHNEIDER, ARNOLD** |
| (87) International Publication No | :NA | **3)HOLZMULLER, ARNO** |
| (61) Patent of Addition to Application Number | :NA | **4)SEIBEL, KAROLINE** |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :
The invention relates to a lid, especially an aluminium lid, wherein the lid (10) has a layer-like structure with at least two aluminium layers (20), at least one plastics layer (40) arranged between the aluminium layers (20), and a sealing layer (50), especially a heat-sealing layer, which forms an outermost layer of the lid (10), and to a laminate and to the production thereof for the production of such a lid.

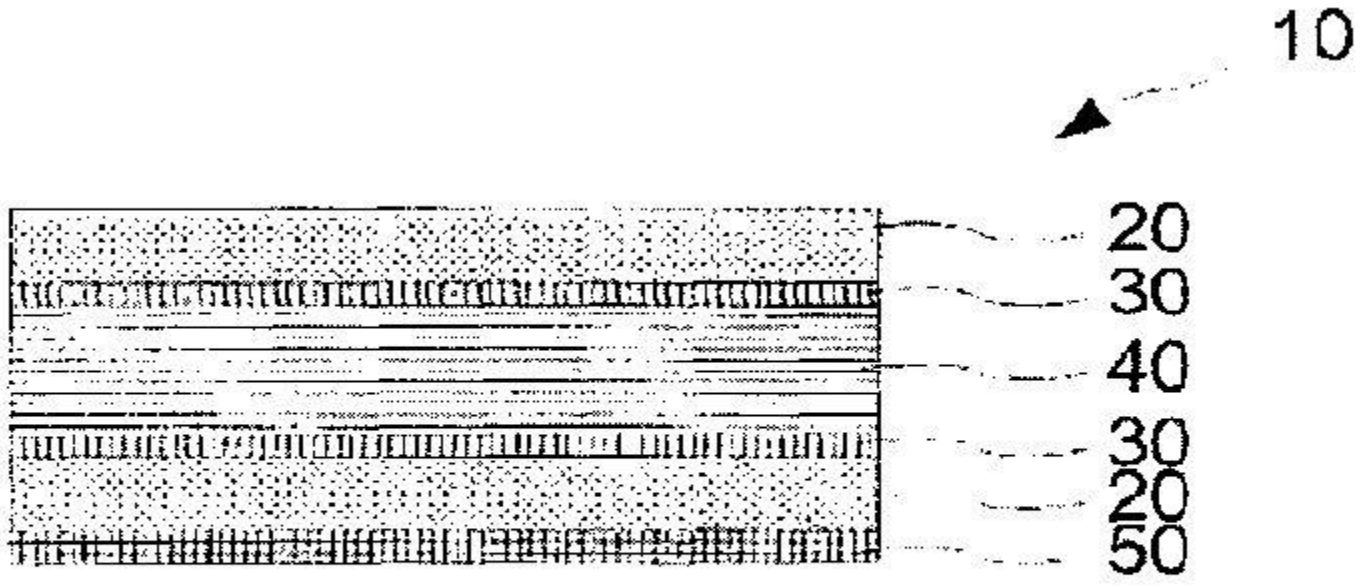



Fig. 2

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2012

(21) Application No.1441/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYSTEM AND METHOD FOR IMPROVING VIEWABILITY OF PRIMARY FLIGHT DISPLAY

(51) International classification :G06F
(31) Priority Document No :13/105146
(32) Priority Date :11/05/2011
(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 :**
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(72)**Name of Inventor :**
**1)THOMSON, ROBERT WILLIAM**

(57) Abstract :
An aircraft management system (24) is used in displaying a primary flight display screen (100). The primary flight display screen has a predetermined height (H) and includes a horizontal situation indicator (HSI) (102). The aircraft management system includes a processor (302) and a memory device (304) operatively coupled to the processor. The memory device includes programmed computer instructions that instruct the processor to display the HSI for an aircraft (10). The HSI includes a receding perspective to simulate a three-dimensional (3D) object.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2012

(21) Application No.1507/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A METHOD OF IMPLEMENTING A FUEL RELATED REWARD FOR A DRIVER OF A MOTOR VEHICLE AND A SYSTEM THEREFOR

(51) International classification :A61M
(31) Priority Document No :2011/03580
(32) Priority Date :16/05/2011
(33) Name of priority country :South Africa
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)GORE, ADRIAN**
**2)SWARTZBERG, BARRY**

(57) Abstract :
A method and system for managing a fuel related reward programme, the method including receiving data including an amount of fuel to which a fuel benefit will apply and a nominated price for the fuel for a future period from a driver of a motor vehicle. During the future period or after the future period has passed, receiving purchase data including a quantity of fuel purchased by the driver during the period and a price paid for the purchased fuel. Comparing the purchase price with the nominated price and if the purchase price is higher than the nominated price refunding the driver at least a portion of the difference between the purchase price and the nominated price for at least some of the quantity of fuel purchased.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2012
(21) Application No.1574/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : OHMIC HEATING SYSTEM FOR THERMAL TREATMENT OF FOOD PRODUCTS OF NON FLOWABLE NATURE

(51) International classification :A23L
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH (ICAR)**
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(72)**Name of Inventor :**
**1)DHINGRA, DEVINDER**
**2)CHOPRA, SANGEETA**

(57) Abstract :
Ohmic heating system for thermal treatment of powdered flour like non flowable products obtained from food grains having a capacity of 10-15 kg/batch, comprising of a CPVC cylindrical container, stainless steel electrodes, electrical switchgear and a wooden outer body. Ohmic heating at large scale is not much in practice because of cost considerations. Besides System for Ohmic heating of food products of nonflowable nature at large scale was not available. Here an Ohmic heating system has been developed for stabilization of food products of non flowable nature such as rice bran powder with a capacity of 10-15 kg/batch. The percentage of FFA in treated rice bran was 4.47 % after 75 days of storage as against >40 % in case of raw rice bran.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2012

(21) Application No.1575/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CLAY BRICK MOLDING MACHINE (EGG LAYING TYPE).

(51) International classification :B22C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)RISHI PAL SINGH**

(57) Abstract :
The invention is related to improvement on the design of commercially available cement concrete brick/block molding machine (egg laying type), so that it can be used for clay brick molding. The improvement gives complete specification of the mechanism, scheme and operation sequence for molding and accurate sizing of the clay bricks which ensures a fully automated operation of the device starting from clay feeding from hopper till the release of the brick to the ground for natural sun drying.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2014

(21) Application No.1451/DEL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYSTEM FOR CUSTOMIZING CONTENT

(51) International classification :G06F17/30
(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 :**
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Address of Applicant :Hindustan Times House, 18-20, Kasturba Gandhi Marg, New Delhi - 110 001, India Delhi India
(72)**Name of Inventor :**
**1)JAIN Adarsh**
**2)KATHURIA Vinish**
**3)RAO NALLABOTHULA SURYA Aakash**

(57) Abstract :
A system (100) for customizing content. The system (100) comprises a personality determination system (102) and a content customization system (108). The personality determination system (102) is configured to, access social networking data of the consumers, and thereafter, process the social networking data of the consumers to create a personality model of the consumers. The content customization system (108) is configured to, access the personality model of the consumers and thereafter, customize the content as per the personality model of the consumers. An algorithm to customize the content based on the personality model of the consumers is based on an OCEAN model of determining personality model of the consumers. The customized content is delivered to the consumers devices by a content delivery system (118). Reference figure: FIG. 1

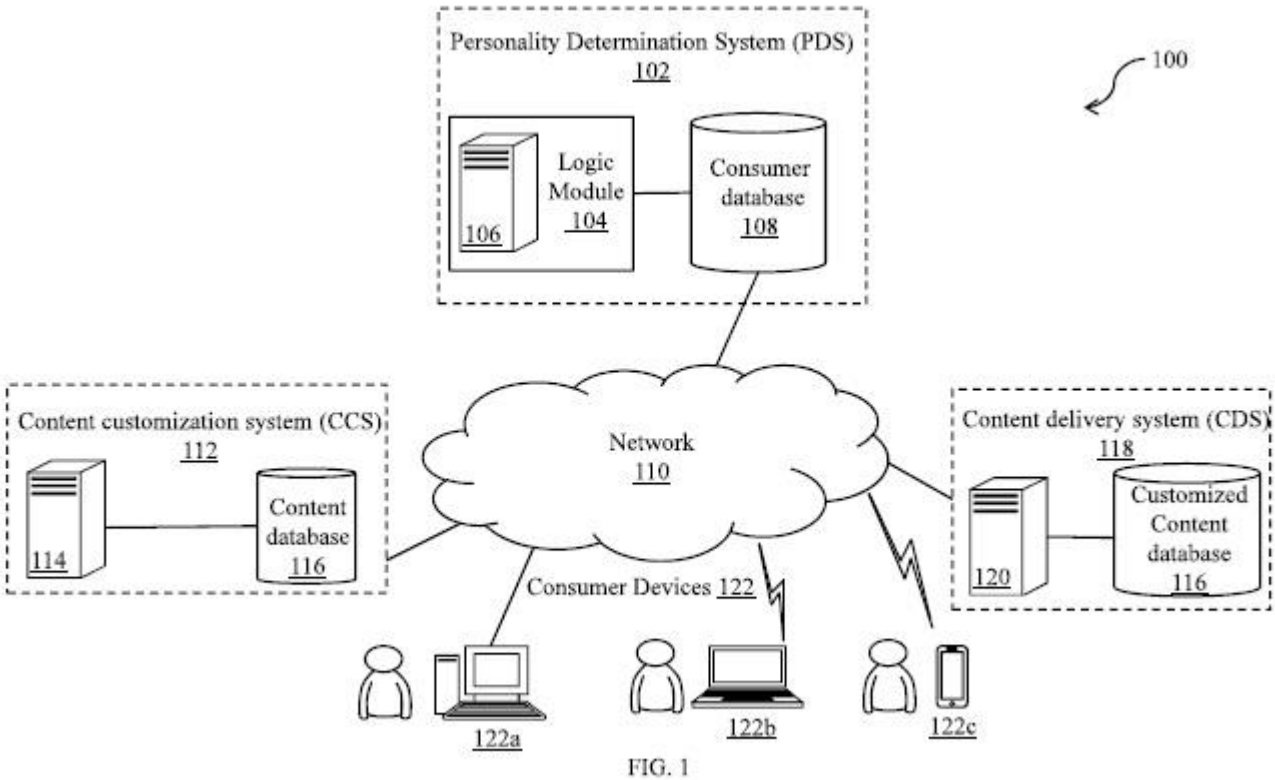


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2014

(21) Application No.1452/DEL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AUTOMATIC SELF STAND FOR 2 WHEELERS

(51) International classification :B62K21/00,
(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)LALIT KAUSHIK**
Address of Applicant :C-6, RATTAN PARK, NANGLOI, DELHI 110041 Delhi India
(72)**Name of Inventor :**
**1)LALIT KAUSHIK**

(57) Abstract :
The AUTOMATIC SELF STAND FOR 2-WHEELER VEHICLE is the new innovative technology In this new innovative technology the deactivation of side stand is totally automatic .Now due to automatic operated side stand the chances of accident which is cause due to deactivate the side stand is totally eliminated because In many cases most of peoples forget to deactivate the side stand before running vehicle (two wheeler like motorcycle, bikes, scooters, scootys ,cycle etc) on road. In this SELF STAND innovation the side stand is deactivate or activate with the hand operated ignition switch. Due totally automatic driver not need to extra attantion or effort for activation and deactivation of side stand. The side stand is the main supporting member of two wheeler vehicles (motorcycle, bikes, scooters, scooty, electrical cycles etc) because side stand takes very less effort to activate or to deactivate. So by this reason most of peoples (older, Childs, women, physically handicap etc) uses the side stands for supporting the two wheeler vehicles.So this innovative side stand help all of these persons for activation and deactivations of self stand.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2012

(21) Application No.1578/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : POLYMER COMPOSITE MATERIALS AND PROCESSES THEREFOR

(51) International classification :C08F
(31) Priority Document No :13/118885
(32) Priority Date :31/05/2011
(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 :**
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(72)**Name of Inventor :**
**1)MAHESHWARI, MAHENDRA**
**2)FANG, XIAOMEI**

(57) Abstract :
Processes for fabricating polymer composite materials that contain a polymer matrix, reinforcement fabrics (54), and particles of a filler material (52). The processes include spraying the particles of the filler material (52) on at least two articles (54,74) that each comprise at least one of the reinforcement fabrics (54) to form particle-laden articles (56,76). The particle-laden articles (56,76) are stacked to form a stacked structure (58,78), and a resin present within the stacked structure (58,78) is then cured to form a laminate polymer composite material. The process can be employed in the fabrication of at least a portion of an aircraft engine nacelle (34), for example, the inlet lip (42) of a fan nacelle (34).

No. of Pages : 20 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2012

(21) Application No.1579/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FLEXIBLE MINIMUM ENERGY UTILIZATION ELECTRIC ARC FURNACE SYSTEM AND PROCESSES FOR MAKING STEEL PRODUCTS

(51) International classification :F27B
(31) Priority Document No :13/134,027
(32) Priority Date :27/05/2011
(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 :**
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(72)**Name of Inventor :**
**1)GULIANA, JOHN A.**
**2)BRADA, GUY A.**
**3)ERICKSEN, CHRISTIAN H.**
**4)LIIMATAINEN, BRUCE C.**
**5)UNDERYS, ALGIRDAS**

(57) Abstract :
A combined arc furnace, ladle metallurgical furnace and vacuum degassing system having the flexibility to produce at least non-vacuum arc remelt, vacuum arc remelt vacuum oxygen decarburized non-vacuum arc remelt, and vacuum oxygen decarburized vacuum arc remelt steels from one off to continuous casting end uses in steady state or randomized order which utilizes only a minimum of energy attributable to preheating hot metal contacting components of the system followed by heat loss reduction of components and use of a carryover heel in the arc furnace, in which the throughput of the system is limited solely by the melting capacity of the arc furnace.

No. of Pages : 79 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2012

(21) Application No.1454/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A TURNOVER MECHANISM

(51) International classification :B25B
(31) Priority Document No :20110229110.7
(32) Priority Date :30/06/2011
(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)SIEMENS AKTIENGESELLSCHAFT**
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(72)**Name of Inventor :**
**1)CHEN JIAN JIANG**
**2)ZHAO WEN JIANG**
**3)ZHENG GANG**

(57) Abstract :
The present invention relates to the field of machinery and, particularly, to a turnover mechanism. The present invention provides a turnover mechanism, which comprises a turnover assembly and a telescoping assembly, wherein one side of said telescoping assembly is connected to said turnover assembly and the other side thereof to a framework body, so as to cause a cover to be turned to protrude from said framework body along the direction of the Z axis; and one end of said turnover assembly is connected to said telescoping assembly and the other end thereof to said cover to be turned, so as to cause the cover to be turned which has already protruded from said framework body to rotate around said telescoping assembly in a direction parallel to the Z axis, in which the direction of the Z axis is the direction of the central axis of the framework body. With the turnover mechanism of the present invention, the design of the front cover is simplified, and the convenience of maintenance thereof improved, so that the maintenance costs thereof are reduced.

No. of Pages : 26 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2012

(21) Application No.1455/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PRINTING FORM AND PROCESS FOR PREPARING THE PRINTING FORM WITH CURABLE COMPOSITION HAVING EPOXY NOVOLAC RESIN

(51) International classification :C08F
(31) Priority Document No :61/485,495
(32) Priority Date :12/05/2011
(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 :**
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**1)LU, HELEN SHIN MIN**
**2)ADELMAN, DOUGLAS J.**
**3)BLANKENBICKER, CARA L.**
**4)DAVIS, ANDREW PATRICK**
**5)FONES, BARBARA BOBIK**
**6)WAGMAN, MARK ELLIOTT**

(57) Abstract :
The invention pertains to a printing form and a process for preparing the printing form from a curable composition that includes an epoxy novolac resin having an epoxide equivalent weight of 156 to 300 g/equivalent, and an amine curing agent selected from primary amines and secondary amines, the agent having an amine equivalent weight of less than or equal to 60 g/equivalent. The process includes applying the curable composition to a supporting substrate to form a layer, curing the layer at one or more temperatures in a temperature range, and engraving to form at least one cell in the cured layer. The process prepares printing forms, particularly gravure printing forms, having a cured resin composition layer that is engravable, resistant to solvent inks and to mechanical wear, and capable of printing gravure-quality images.

No. of Pages : 55 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2012

(21) Application No.1585/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR DRESSING A TOOL

(51) International classification :G01N
(31) Priority Document No :10 2011 103 216.2
(32) Priority Date :01/06/2011
(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 :**
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(72)**Name of Inventor :**
**1)Hansjrg GEISER**

(57) Abstract :
The present invention relates to a method for dressing a tool of a gear grinding machine which includes a workpiece holder and a tool holder wherein the tool holder is rotatable about a first axis of rotation (B1) and is arranged on a machining head which is pivotable via a swivel axis (A1) and is linearly movable via a first linear axis of movement (V1) wherein a workpiece clamped in the workpiece holder can be machined by a tool clamped in the tool holder wherein the gear grinding machine furthermore includes a dressing unit with a dressing tool holder which is rotatable about a second axis of rotation (B2) wherein a dressing tool accommodated in the dressing tool holder is used for dressing a tool clamped in the tool holder.

No. of Pages : 39 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/05/2012
(21) Application No.1587/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PULL-ROLLS FOR USE IN GLASS MANUFACTURING PROCESSES AND METHODS FOR MAKING THE SAME

(51) International classification :B21B
(31) Priority Document No :61/489,845
(32) Priority Date :25/05/2011
(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

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**3)RALPH ALFRED LANGENSIEPEN**
**4)JOHN FORREST WIGHT, JR.**
**5)LEWIS KIRK KLINGENSMITH**
**6)PAUL OAKLEY JOHNSON**

(57) Abstract :
Pulling rolls for used in forming glass ribbons with reduced defects and cracking are disclosed. In one embodiment, the pulling roll may include a shaft member and a roll assembly. The roll assembly may be positioned on the shaft member for rotation with the shaft member. The roll assembly may include an axially compressed stack of ring elements formed from an inorganic material such as mica paper. The mica paper may include layers of overlapping mica platelets oriented substantially in parallel with one another. A contact surface of the roll assembly may have a Shore D hardness greater than or equal to about 10 and less than or equal to about 60.

No. of Pages : 36 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/04/2012

(21) Application No.1276/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ELECTRIC WHEELCHAIR

(51) International classification :A61M
(31) Priority Document No :11110454.5
(32) Priority Date :04/10/2011
(33) Name of priority country :Hongkong(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)LEE, SIU LUN**
Address of Applicant :ROOM 1828, FLAT 18, BEAN GOOSE HOUSE, SHA KOK ESTATE, SHATIN, N.T. (HK) Hongkong(China)
(72)**Name of Inventor :**
**1)LEE, SIU LUN**

(57) Abstract :
The present invention relates to an electric wheelchair comprising a movable seat part, a body part served as a support for the seat part, a seat adjustment mechanism arranged under the seat part, a bottom part, and a crawler moving mechanism; wherein the crawler moving mechanism comprises two sets of crawlers arranged respectively at both sides underneath the bottom part, and each of which comprises a front crawler and a rear crawler. The bottom part is comprised of a front portion and a rear portion, which are movably connected with a coupling arrangement and capable of deflection with respect to each other. The crawler moving mechanism further comprises movable stretching crawlers arranged respectively at outside of the front crawler, and fixed stair-climbing crawlers arranged respectively at outside of the rear crawler, wherein a free end of the fixed stair-climbing crawler forms a specific angle relative to the rear crawler.

No. of Pages : 33 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/04/2012

(21) Application No.1277/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CONTROLLER AND VARIABLE-SPEED GENERATOR-MOTOR STARTING METHOD

| | |
|---|---|
| (51) International classification | :H05K |
| (31) Priority Document No | :2011-102279 |
| (32) Priority Date | :28/04/2011 |
| (33) Name of priority country | :Japan |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | :NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)**Name of Applicant :**
**1)KABUSHIKI KAISHA TOSHIBA**
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(72)**Name of Inventor :**
**1)TERUYUKI ISHIZUKI**

(57) Abstract :
In one embodiment, there is provided a controller that performs control to supply driving electricity to a secondary winding of a variable-speed generator-motor from a secondary exciter and thereby start the variable-speed generator-motor from a standstill state in a variable-speed pumped storage system. The controller performs control to complete a start-up by the driving electricity from the secondary exciter and connect the variable-speed generator-motor in parallel with an electric power system, in a state where a rotating speed of the variable-speed generator-motor is lower than a lower limit speed of a variable-speed operation range.

No. of Pages : 44 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2012

(21) Application No.1536/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYSTEMS FOR DOPPLER POSITIONING OF SEISMIC SENSORS AND METHOD

(51) International classification :G01N
(31) Priority Document No :1154609
(32) Priority Date :26/05/2011
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)WINTER, OLIVIER**
**2)BIANCHI, THOMAS**

(57) Abstract :
Method and system for determining positions of underwater sensors. The method includes sending a Doppler variant signal from a moving source; recording the signal with the at least one seismic sensor; evaluating a frequency drift of the recorded signal; and determining a position of the at least one seismic sensor based on the evaluated frequency drift and a source movement relative to the at least one sensor.

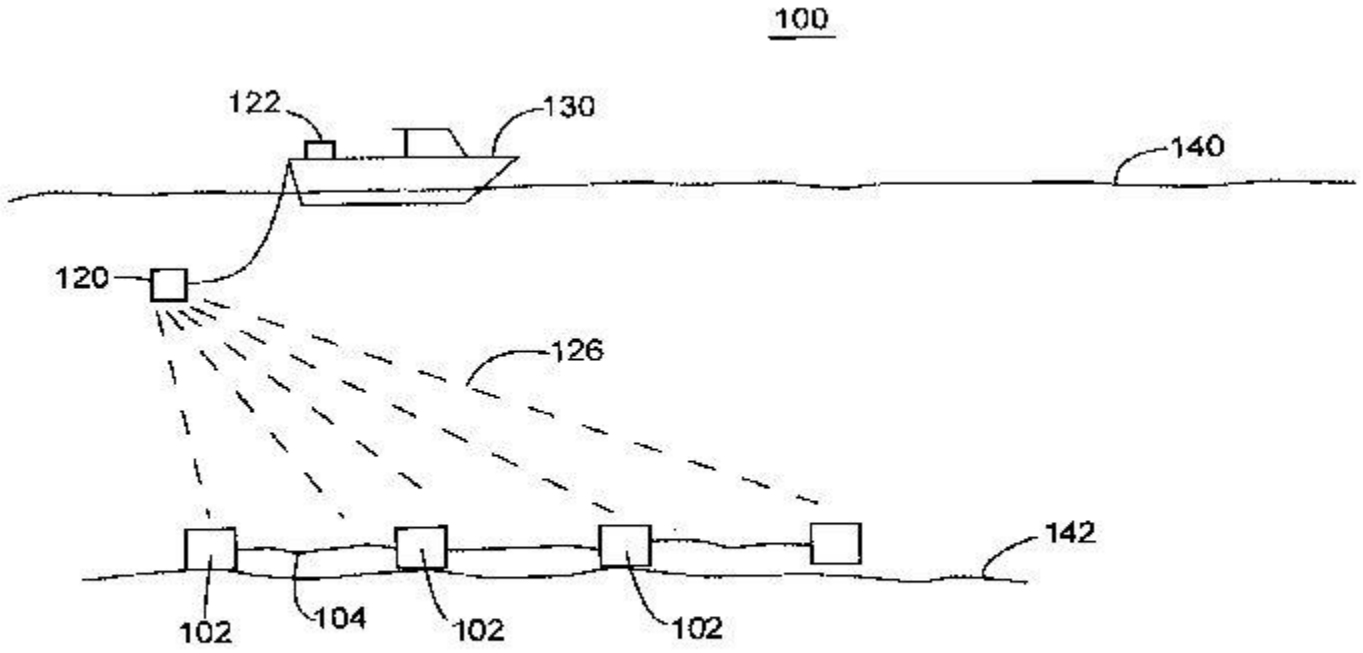



Figure 3

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.1598/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : INTERNAL COMBUSTION ENGINE CONTROL SYSTEM

| | | |
|---|---|---|
| (51) International classification | :F23C | (71)**Name of Applicant :** |
| (31) Priority Document No | :2011-171311 | **1) KEIHIN CORPORATION** |
| (32) Priority Date | :04/08/2011 | Address of Applicant :26-2, NISHI-SHINJUKU 1-CHOME, SHINJUKU-KU, TOKYO 163-0539, JAPAN Japan |
| (33) Name of priority country | :Japan | (72)**Name of Inventor :** |
| (86) International Application No | :NA | **1)TAMURA, SHINICHI** |
| Filing Date | :NA | **2)MATSUZAKI, KOJI** |
| (87) International Publication No | :NA | **3)JITSUKAWA, TOMOHIRO** |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :
To provide an internal combustion engine control system which is capable of detecting a number of revolutions and an intake pressure of an internal combustion engine used for control related to the internal combustion engine with a single sensor. [Solving means] The internal combustion engine control system equipped with an intake pressure sensor 14 which detects an intake pressure of an intake path 5 of an internal combustion engine 1, being equipped with a control process unit 13 which includes a number of revolutions estimating element which estimates the number of revolutions of the internal combustion engine 1 on the basis of a variation cycle of the detected value of the intake pressure by the intake pressure sensor 14, and which executes a control process using the detected value of the intake pressure by the intake pressure sensor 14 and the number of revolutions estimated by the number of revolutions estimating element. The control process unit 13 controls opening-closing of an electrically-operated valve 11 which opens and closes a secondary air supply path 8 which supplies a secondary air to an exhaust path 5 at an upstream side of a catalyst device 6.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/05/2012

(21) Application No.1513/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYSTEM AND METHODS FOR RESERVATIONS OF CHARGING STATIONS FOR ELECTRIC VEHICLES

(51) International classification :A61M
(31) Priority Document No :13/112438
(32) Priority Date :20/05/2011
(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

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**1)BOOT, JOHN CHRISTOPHER**
**2)ALEXANDER, GEORGE**
**3)VUKOJEVIC, ALEKSANDAR**

(57) Abstract :
Systems and methods may enable customers to reserve time slots at charging stations (210) for recharging electric vehicles (205). The systems and methods may include receiving, from a customer computing device (103) associated with a customer, a reservation inquiry to access a charging station (210) to recharge an electric vehicle (205); providing, to the customer computing device (103), a respective cost for accessing the charging station (210) during one or more available time periods; receiving a selection from the customer computing device (103) for at least a portion of the available time periods; and delivering, to the customer computing device (130), a reservation confirmation for the selected time period.

No. of Pages : 35 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/05/2012
(21) Application No.1514/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ROTATION DETECTOR AND MOTOR

(51) International classification :G01N
(31) Priority Document No :2011-115040
(32) Priority Date :23/05/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)HONDA, TETSUYA**

(57) Abstract :
The rotation detector includes a sensor magnet and a detection element. The sensor magnet is annular and held by a holding member to be integrally rotatable with a rotation shaft. The sensor magnet includes first and second end faces in an axial direction and inner and outer circumferential surfaces. The holding member includes an abutment part, which contacts the first end face, and an elastic extension, which extends in the axial direction to face the inner or outer circumferential surface of the sensor magnet. The elastic extension is elastically deformable in the radial direction and includes an engagement projection, which extends in the radial direction to engage the second end face of the sensor magnet. The sensor magnet is coupled to the holding member in the axial direction and supported from two sides in the axial direction by the abutment part and the engagement projection.

No. of Pages : 27 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2012
(21) Application No.1580/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DEVICE AND SYSTEM FOR INDUCTION HEATING

(51) International classification :H05B
(31) Priority Document No :13/152,398
(32) Priority Date :03/06/2011
(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

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**1)BROSNAN, DANIEL**
**2)FILIPPA, MARIANO**
**3)JOHNSON, MARK**
**4)SHAFFER, TIMOTHY**
**5)STEURER, BRIAN**

(57) Abstract :
An induction heating system comprises inductive rings, which in one example are concentrically wound about a center axis to form a coil array. The inductive rings are situated in the coil array to permit activation of the inductive rings independent of the other inductive rings in the coil array. In one embodiment, the induction heating system includes a control structure with a power supply and switches coupled to each of the inductive rings, wherein activation of the switches permits current from the power supply to flow to the corresponding inductive ring. The induction heating system is amenable to appliances such as ovens and ranges, as well as to cooktops such as free-standing cooktops for countertops.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012

(21) Application No.1646/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : YARN NIPPING DEVICE FOR A SPINNING OR TWISTING SPINDLE

(51) International classification :D06N1/00
(31) Priority Document No :10 2011 076 744.4
(32) Priority Date :31/05/2011
(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

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(72)**Name of Inventor :**
**1)VACLAV HENEK**
**2)NICOLAUS SCHOCH**

(57) Abstract :
The present invention relates to a yarn nipping device for a spinning or twisting spindle having a first nipping element and a second nipping element, which is supported in a movable way in relation to the first nipping element, whereby the second nipping element is movable between a closing position in which the yarn is able to be nipped between the first nipping element and the second nipping element in the area of a nipping section, and an opening position, in which no nipping of the yarn takes place, comprising at least one loading element, which exerts a loading force on the second nipping element, with the aid of which the second nipping element is supported in the closing position at least when the yarn nipping device is at a standstill, and also comprising at least one de-loading element, which, when the yarn nipping device rotates, exerts a centrifugal load-relieving force on the second nipping element, which acts against the loading force, and with the aid of which the second nipping element is brought from the closing position to the opening position at a defined rotational speed of the yarn nipping device. According to the present invention it is suggested that the yarn nipping device comprises at least one end stop with a contact surface, whereby the second nipping element in its open position fits closely to the contact surface with at least one of its outer surfaces, in order to prevent in the area of the end stop the infiltration of trash into an inner space of the yarn nipping device, which inner space surrounds the de-loading element.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2012

(21) Application No.1447/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MOBILE TERMINAL SIMULATOR FOR A WIRELESS TELECOMMUNICATIONS NETWORK AND METHOD OF SIMULATING A MOBILE TERMINAL

(51) International classification :H04N
(31) Priority Document No :11425130.9
(32) Priority Date :11/05/2011
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)MARINI PAOLO**
**2)BINDA LODOVICO**
**3)BENDINELLI ENRICO**

(57) Abstract :
A mobile terminal simulator for a wireless telecommunications network includes: a simulation engine (7), providing a bit stream (BS1, ..., BSM) , according to a communications standard; a conversion stage (15, 16 and 17), which converts the bit stream (BS1, ..., BSM) into a baseband signal (SBB1, ..., SBBM) in the frequency domain; a mapping and transformation stage (12), which generates transmission samples (BST) in the time domain as a function of the baseband signal (SBB1, ..., SBBM) ; and a transmission module (13), connectable to a Base Radio Station (3) of a wireless telecommunications network (1) by a communication port (10). A transmission channel simulator module (18; 118a-d) is connected between the conversion stage (15, 16 and 17) and the mapping and transformation stage (12) and processes the baseband signal (SBB1, , SBBM) in the frequency domain so as to simulate a transmission channel between the communication port (10) and the Base Radio Station (3) .

No. of Pages : 35 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2012

(21) Application No.1581/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : INDUCTION COOKTOP COOLING KIT

(51) International classification :H05B
(31) Priority Document No :13/151,828
(32) Priority Date :02/06/2011
(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

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**1)OAGLEY, HOWARD JAMES**
**2)JOHNSON, MARK DAVIS**
**3)FRAZER, DANIEL STEPHEN**
**4)NAJEWICZ, DAVID JOSEPH**

(57) Abstract :
An induction cooktop appliance includes a housing having an air intake opening and an air exhaust opening, the air intake opening and the air exhaust opening defining an air cooling circulation path, an induction cooktop disposed on top of the housing, electronics for the induction cooktop disposed within the housing, and a vent tube having a first end and a second end, the vent tube being disposed in the cooling air circulation path and configured to segregate air entering the air intake opening from air exiting the air exhaust opening.

No. of Pages : 23 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2012

(21) Application No.1582/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : THERMAL FOOD CONTAINER AND RELATIVE METHOD OF MANUFACUTRE

(51) International classification :H05B
(31) Priority Document No :BS2011A000099
(32) Priority Date :06/07/2011
(33) Name of priority country :Italy
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)TERRACCIANO, SIMONE**

(57) Abstract :
Thermal food container (4) comprising an outer body (8); at least two trays (12) for containing foods, said trays (12) being separated from each other and being contained inside the outer body (8) , an outer closure lid (16) detachably associable with the outer body (8) , a thermally insulating element (14) positioned between the trays (12) and the outer body (8) . Advantageously, the trays (12) are over moulded with a j oining ring (20) which joins them to each other, keeping them separate at the point of at least one separation septum (24). Furthermore, the j oining ring (20), j oining the trays (12), is welded and/or glued to the outer body (8) after interposition of said insulating element (14), so as to form a hermetic joint between the joining ring (20) and the outer body (8).

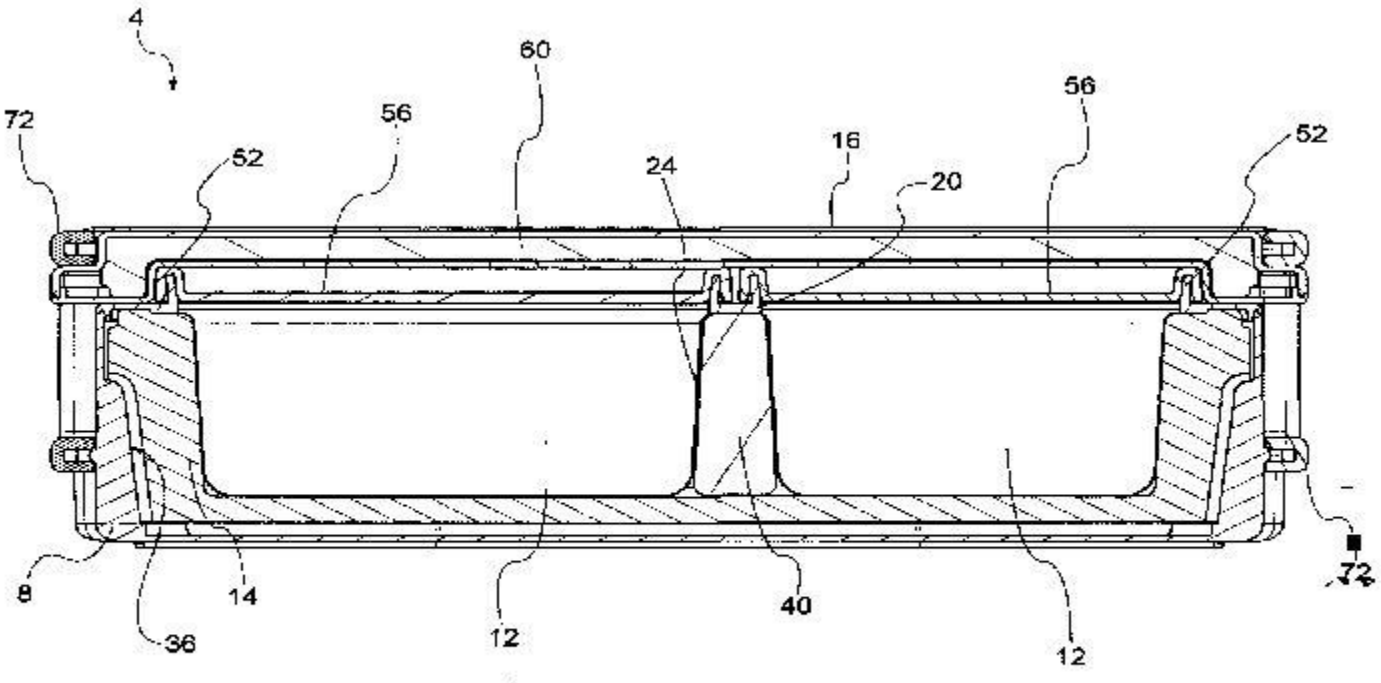



Fig. 5

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/05/2012

(21) Application No.1649/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PROPELLER FOR A HYDRAULIC ACHINE, HYDRAULIC MACHINE EQUIPPED WITH SUCH A PROPELLER, AND METHOD FOR ASSEMBLING SUCH A PROPELLER •

(51) International classification :F04B
(31) Priority Document No :11 54827
(32) Priority Date :01/06/2011
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)MICHEL SABOURIN**
**2)S‰BASTIEN BEAULIEU**

(57) Abstract :
This propeller (1) for a hydraulic machine is intended to be crossed by a flow and includes a hub (3) extending along an axis of rotation (X-X) of the propeller (1) and vanes (2) extending from the hub (3). The propeller (1) consists of several sectors (4), each including a body which, once the sectors (4) are assembled, formed together the hub (3) and each vane (2) is firmly attached to the body of a sector (4). The sectors (4) are assembled together in order to form the propeller (1) by means of at least one shrunk-on ring (6), which is placed around the bodies of the sectors (4). The hub (3) is hollow. Each sector (4) comprises a side wall (50) and a projection (54), which is firmly attached to the side wall (50), and which protrudes towards the inside of the hub (3), perpendicularly to the axis (X-X). The sectors (4) are further assembled together in order to form the propeller (1) by means of at least one washer (9) assembled to the projection (54) of each sector (4), inside the hub (3), by means of added attachment elements (10).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/05/2012

(21) Application No.1527/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HIGH-STRENGTH COLORED GLASS CERAMICS AS A COOKTOP, SMOOTH ON BOTH SIDES

(51) International classification :H05K
(31) Priority Document No :10 2011 050 867.8
(32) Priority Date :06/06/2011
(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 :**
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**1)BIRGIT DORK**
**2)EVELIN WEISS**
**3)THOMAS ZENKER**
**4)ULF HOFFMANN**
**5)SLIKE KNOCHE**
**6)MARTIN TAPLAN**
**7)FRIEDRICH SIEBERS**
**8)THOMAS KRAUS**
**9)LUTZ KLIPPE**
**10)WOLFGANG SCHMIDBAUER**

(57) Abstract :
The invention relates to a glass-ceramic cooktop having a flat upper side forming a cooktop and an underside, wherein the glass-ceramic material of the cooktop has transmittance values of greater than 0.1% in the visible light range in the total wavelength region greater than 420 nm, a light transmittance in the visible range of 0.8 - 2.5%, and a transmittance of 0-85% in the infrared at 1600 nm, and wherein the glass-ceramic material has high quartz mixed crystals as the prevalent crystal phase. In such a glass-ceramic cooktop, particularly good user properties, in particular a good display capability, are then obtained if it is provided that the underside is designed flat, unstructured and coplanar with the upper side.

No. of Pages : 19 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/05/2012

(21) Application No.1528/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HIGH INTEGRITY LINEAR ACTUATOR AND METHOD OF OPERATION

(51) International classification :G01N
(31) Priority Document No :1108483.7
(32) Priority Date :20/05/2011
(33) Name of priority country :U.K.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)GOLDING, TERENCE ROSS**

(57) Abstract :
A linear actuator (1) comprises first and second casing sections (2,3) which are slidable relative to one another. Inside the casing sections (2,3) there are provided first and second motors (6,16) each of which can drive a screw-threaded rod (4). If one of the motors becomes jammed, the other can drive the rod (4).

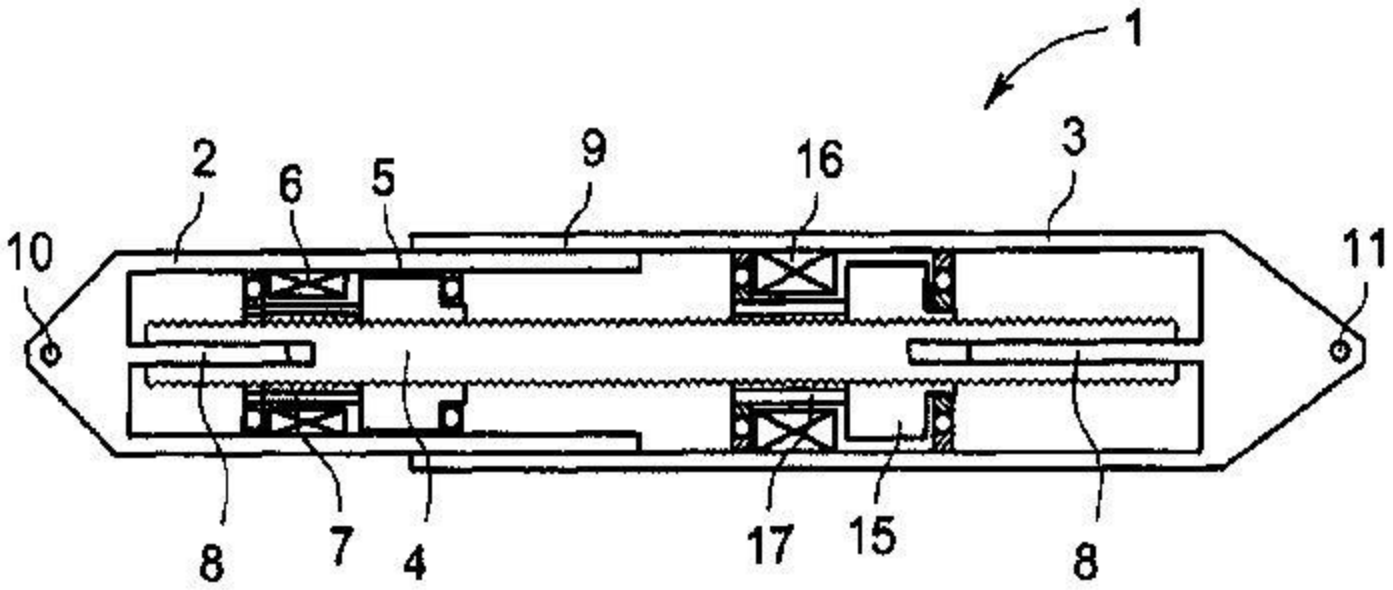



FIG. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/05/2012
(21) Application No.1656/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FLUID METER EQUIPPED WITH A REMOTE READING MODULE FIXED BY MEANS OF AN ANTI-FRAUD RING

(51) International classification :G06Q
(31) Priority Document No :11305663.4
(32) Priority Date :31/05/2011
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)ARNAUD DARRAS**

(57) Abstract :
The invention relates to a fluid meter equipped with a totaliser (2) and a remote reading module (4) disposed on the totaliser in a zone referred to as the upper zone, the said totaliser being provided with a cover (3) made from plastic material, the meter including a ring (5) for sealing of the said module (4) disposed around the said upper zone and joined by means of a non-removable clipping means. According to the invention, the said ring (5) consists of a closed cylindrical piece and includes a breakable zone (5A) with reduced radial thickness bordered by two external radial flanges (5B, 5C).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/05/2012

(21) Application No.1657/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A SYSTEM OF GEOGRAPHICAL LOCATION OF A RADIO SIGNAL TRANSMITTER LOCATED ON THE EARTH'S SURFACE, AND ASSOCIATED METHOD OF DISTRIBUTED INTERFEROMETRY

(51) International classification :G06Q
(31) Priority Document No :1101682
(32) Priority Date :01/06/2011
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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**2)FRANCIS MARTINERIE**
**3)JEAN-BAPTISTE THEVENET**

(57) Abstract :
A system of geographical location of at least one radio signal transmitter (ES) located on the Earths surface including: - a set of satellites (SAT1, SAT2, SAT3) equipped with receiving antennas (ANT1, ANT2, ANT3) adapted for receiving said signals, forming a main extended interferometry device, - an intersatellite relative metrology device for determining the relative positions of said satellites (SAT1, SAT2, SAT3) to one another, including at least one dedicated sensor (CAPTd_1, CAPTd_2, CAPTd_3) for each satellite (SAT1, SAT2, SAT3), and intersatellite communication means (COMM1, COMM2, COMM3), - a device for dating (DAT1, DAT2, DAT3) said received signals from said determining of the relative positions of said satellites (SAT1, SAT2, SAT3) to one another, issued by said intersatellite relative metrology device, - a secondary interferometry device including at least one set of at least three antennas (ANT21_3, ANT22_3, ANT23_3) of a satellite, - a ground base station (SBS), - a device for transmitting measurements acquired on the satellites to the ground base station (SBS) and - means of determining the absolute position (DPA) of at least one of the satellites (SAT1, SAT2, SAT3).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/05/2012

(21) Application No.1658/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYNTHESIS PROCESS AND CRYSTALLINE FORM OF 4-{3-[CIS-HEXAHYDOCYCLOPENTS[C] PYRROL-2(1H)-YL] PROPOXY} BENZAMIDE HYDROCHLORIDE AND PHARMACEUTICAL COMPOSITIONS CONTAINING IT.

(51) International classification :C07C
(31) Priority Document No :11/01746
(32) Priority Date :08/06/2011
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)JEAN-MIHCEL LERESTIF**
**3)JEAN-PIERRE LECOUVE**
**4)MARINA GAILLARD**
**5)LOIC MEUNIER (DEAD)**
**6)PHILIPPE LETELLIER**
**7)MATHIEU BOIRET**

(57) Abstract :
Industrial synthesis process for, and crystalline form I of, the compound of formula (I): and also crystalline form I of the associated free base. Medicaments

No. of Pages : 32 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2012

(21) Application No.1421/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : RANGE CORRECTOR WITH A CABLE FOR A SPOTLIGHT OF AN AUTOMBILE VEHICLE

(51) International classification :H05K
(31) Priority Document No :1154136
(32) Priority Date :12/05/2011
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)KOULOUH, HASSAN**
**2)WIDIEZ, STEPHANE**

(57) Abstract :
The corrector is intended to tip over a beam reflector. It comprises, in a casing (11), an equipment (9) of a driver (12) and a tipping rod (13) for the reflector (4), an adjustment cable (18) in a sheath (17) being anchored on an equipment, allowing for driving in translation the rod against the action of a return spring (28) in abutment against the driver. The corrector comprises manual adjustment means (20) of the rod position so as to drive it in translation, the casing, the driver and the rod being arranged so that the manual adjustment means drive the rod without modifying the condition of the return spring (28). Thanks to the invention, the manual adjustment does not effect the subsequent adjustments per cable.

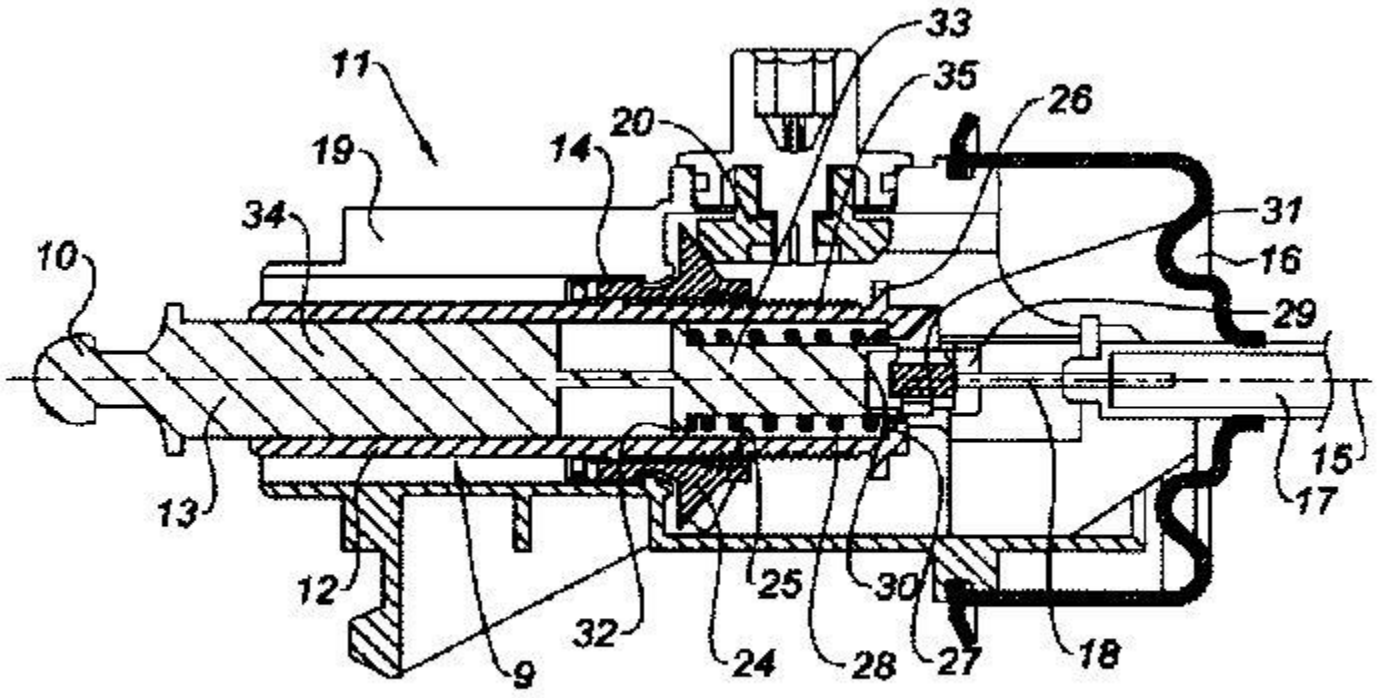



Fig. 2

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.1616/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AIRCRAFT ENGINE COWL AND PROCESS THEREFOR

(51) International classification :F04B
(31) Priority Document No :13/149,039
(32) Priority Date :31/05/2011
(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

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(72)**Name of Inventor :**
**1)SCARR ANTONY BRETT**

(57) Abstract :
A cowl (136) for an aircraft engine (10), and processes for producing the cowl (136) to have a layered construction and a high temperature capability. The layered construction of the cowl (136) includes a core member (144) having a cellular construction comprising internal hollow cells (148), and first and second skins (140,142) brazed to edges (152) of the cells (148) at opposite surfaces of the core member (144). The first and second skins (140,142) and the core member (144) are formed of titanium alloys, the first and second skins (140,142) are brazed to the core member (144), and the layered construction of the cowl (136) lacks a thermal insulation capable of thermally protecting the second skin (142) and brazed joints (150) that attach the second skin (142) to cell wall edges (152) at the second surface of the core member (144).

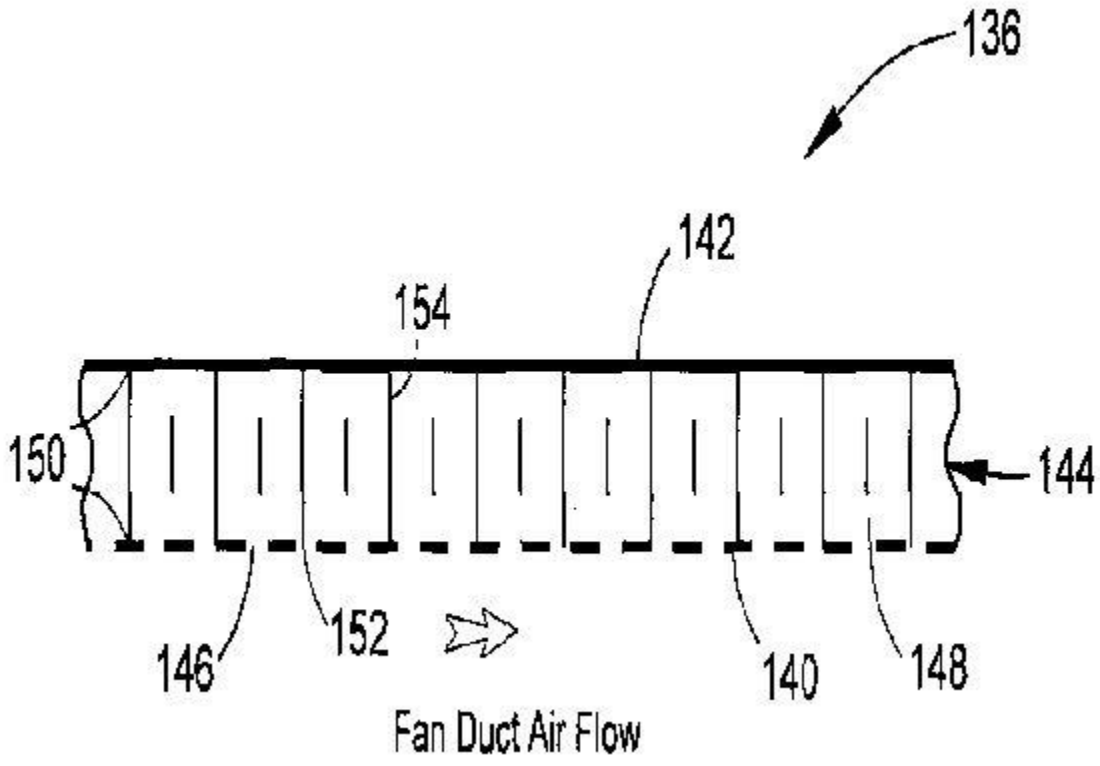



FIG. 3

No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.1617/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PHOTOVOLTAIC DEVICES AND METHOD OF MAKING

(51) International classification :G06Q
(31) Priority Document No :13/150,485
(32) Priority Date :01/06/2011
(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

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(72)**Name of Inventor :**
**1)JOHNSON JAMES NEIL**
**2)KOREVAAR BASTIAAN ARIE**
**3)SOMMERER TIMOTHY JOHN**

(57) Abstract :
In one aspect of the present invention, a photovoltaic device is provided. The photovoltaic device includes a window layer and an absorber layer disposed on the window layer, wherein the absorber layer includes a first region and a second region, the first region disposed adjacent to the window layer. The absorber layer further includes a first additive and a second additive, wherein a concentration of the first additive in the first region is greater than a concentration of the first additive in the second region, and wherein a concentration of the second additive in the second region is greater than a concentration of the second additive in the first region. Method of making a photovoltaic device is also provided. 248698-1 Element List ELEMENT LIST 10 Solar Radiation 100 Photovoltaic device 110 Support 120 Transparent Layer 122 Electrically conductive alyer 124 Buffer layer 130 Window Layer 140 First Region 141 First surface of first region 143 Second surface of first region 150 Second Region 151 First surface of second region 153 Second surface of second region 160 Absorber layer 161 First surface of absorber layer 163 Second surface of absorber layer 170 P+-type Semiconductor layer 180 Metal layer

No. of Pages : 32 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/06/2012

(21) Application No.1830/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : BRAKE ASSEMBLY HAVING A MOUNTING CLIP

(51) International classification :B60T
(31) Priority Document No :13/171,997
(32) Priority Date :29/06/2011
(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 :**
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(72)**Name of Inventor :**
**1)MICHAEL A. VISCA**
**2)DEEPAK R. SHEELVANT**
**3)SCOTT A. JENKINSON**

(57) Abstract :
A brake assembly having a hub, a rotor, and a mounting clip. The hub has a mounting boss and first and second pockets disposed on opposite sides of the mounting boss. The rotor is disposed on the hub and has a first tooth and a second tooth disposed in the first and second pockets, respectively. The mounting clip has a first arm that is disposed in the first pocket between the first tooth and the mounting boss and the second arm is disposed in the second pocket between the second tooth and the mounting boss.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2014

(21) Application No.1429/DEL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DOUBLE-LAYER OPEN-END ZIPPER AND FABRICATION METHOD

(51) International classification :B29D5/02,
(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)Genmore Zipper Corporation**
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(72)**Name of Inventor :**
**1)WANG, Lien-Chou**

(57) Abstract :
A double-layer open-end zipper and the related fabrication method is disclosed. The double-layer open-end zipper are made by performing a coil spiral and broad-width fabric tape stitching step, a dyeing and drying step, a gapping size setting step, a splitting, folding and calibration step and a glue heating and bonding or stitching step to form a single-sided double-layer zipper chain tape, and then performing a zipper slide coupling step, a ultrasonic patch sealing and T cut hole punching step, a box with small guider and pins with groove fixation step, a zipper slide functioning checking step and a top stop fixation step to obtain the desired finished double-layer open-end zipper.

No. of Pages : 26 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2012

(21) Application No.1558/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PROCESS FOR PREPARING BIODEGRADABLE LUBRICANT BASE OILS

(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 :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)DARBHA SRINIVAS**
**2)MEHEJABEEN KOTWAL**

(57) Abstract :
The invention discloses an improved process for preparing fatty acid esters with 100 mol% selectivity suitable as biodegradable lubricant base oils, comprising contacting a fatty compound with an alcohol in presence of a solid, phosphonate catalyst hav.ing molecular formula: M(Xh-nYn.mH20 where X refers to phenyl phosphonate, Y refers to HPO/ or HPOt, M refers to a metal or metalloid ion preferably taken from the group consisting of Zr, Zn, Cd, Al, Sn, La and Ce, the value of n varies from 0.2 to 1.8 and the value of m varies from 0 to 5, wherein the fatty compound is a fatty acid or fatty acid methyl or ethyl ester or vegetable oil or animal fat or their mixture thereof and alcohol is a monohydric alcohol with 6 to 22 carbon atoms or a polyol with at least two hydroxyl groups.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2012

(21) Application No.1623/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : INDUCTION COOKTOP PAN SENSING

(51) International classification :G06Q
(31) Priority Document No :13/154,190
(32) Priority Date :06/06/2011
(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 :**
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(72)**Name of Inventor :**
**1)FILIPPA, MARIANO PABLO**
**2)BROSNAN, DANIEL VINCENT**

(57) Abstract :
An induction heating system includes a heating coil operable to inductively heat a load with a magnetic field, a variable high frequency power source supplying a high frequency current to the heating coil, a detector for detecting a current through the coil and providing a current signal representative of the current, a controller for controlling the frequency of the current to the heating coil and responsive to the current signal from the detector to capture and analyze a current signature, the controller being operative to sweep a current operating frequency across an operating frequency spectrum, and to combine a sum of the current signature with a two-sample swing of the current signature, and determine a presence of a load on the heating coil and control the frequency of the current to the coil based on a signal resulting from the combined signal.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/06/2012

(21) Application No.1834/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR USE IN MONITORING OPERATION OF A ROTATING DEVICE

(51) International classification :B60R
(31) Priority Document No :13/165608
(32) Priority Date :21/06/2011
(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 :**
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(72)**Name of Inventor :**
**1)WHITEFIELD II, CHARLES DAVID**

(57) Abstract :
A system (130) for monitoring an operation of a rotating device (100) includes at least one sensor (134) configured to sense a position of a rotating device component (102) with respect to a predefined axis (146) and generate a signal indicative of the component position. A processor (200) coupled to the sensor is programmed to calculate a plurality of property values of the component based at least partially on the position, and graphically present at least one time-based waveform (304) based on at least a portion of the component property values. The processor (200) is also programmed to graphically present at least one orbit plot (312) based on at least a portion of the plurality of component property values, and synchronize (414) the time-based waveform with the orbit plot. The time-based waveform is indicative of a position of the component along the axis, and the orbit plot is indicative of a position of the component within a predefined plane (150).

No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2012
(21) Application No.1559/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PROCESS FOR MAKING DI-METHYL CARBONATE

(51) International classification :C07C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)DARBHA SRINIVAS**
**2)PULIKKEEL UNNIKRISHNAN**

(57) Abstract :
An eco-friendly process for making dimethyl carbonate comprising contacting methanol with carbon dioxide in the presence of a solid, calcined catalyst derived from zirconium phosphonate catalyst having molecular formula: Zr(Xh-n Yn. mH20 where X refers to phosphonate, Y refers to HPol- or HPO{, n varies from 0.2 to 1.8 and m varies from 0 to 5, is disclosed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2012

(21) Application No.1624/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DOSE INDICATOR DEVICE

(51) International classification :G06Q
(31) Priority Document No :1109569.2
(32) Priority Date :08/06/2011
(33) Name of priority country :U.K.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)ALLSOP, PAUL**

(57) Abstract :
A dose indicator device for a pressurised metered dose inhaler comprising: a base suitable for mounting to an upper end of a dispensing container of a pressurised metered dose inhaler, an annular inner wheel, an annular outer wheel, a drive member, a transmission cog and a flexible cover. The drive member, annular inner wheel and annular outer wheel being concentrically mounted on the base to be rotatable about a first axis of rotation. The transmission cog being mounted on the base between the annular inner wheel and the annular outer wheel to be rotatable about a second axis of rotation parallel to the first axis of rotation. The annular inner wheel comprising a plurality of primary indexing teeth on an inner annular surface thereof and one or more secondary indexing teeth on an outer annular surface thereof. The annular outer wheel comprising a plurality of indexing teeth on an inner annular surface thereof. The transmission cog comprising a plurality of gear teeth on an outer annular face thereof which, in use, can engage the indexing teeth of the annular outer wheel and which can also be engaged by the one or more secondary indexing teeth of the annular inner wheel. The drive member being mounted within the annular inner wheel. The drive member comprising a body having one or more drive arms which, in use, can engage the primary indexing teeth of the annular inner wheel. The flexible cover being flexible downwardly wherein, in use, downward movement of the drive member is accompanied by rotation of the drive member about the first axis of rotation; said rotation causing rotation of the annular inner wheel by interengagement of the drive arms of the drive member and the primary indexing teeth of the annular inner wheel.

No. of Pages : 35 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2012

(21) Application No.1843/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYSTEM AND METHOD FOR MONITORING ROTATING DEVICE

(51) International classification :F16B
(31) Priority Document No :13/165,537
(32) Priority Date :21/06/2011
(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 :**
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(72)**Name of Inventor :**
**1)WHITEFIELD II, CHARLES DAVID**

(57) Abstract :
A system (14) for use in monitoring operation of a rotating device (10) is described herein. The system includes at least one sensor (44), an input device (66), a display device (62), and a processor (58). The sensor is configured to sense a position of a component coupled to the rotating device, and to generate a signal indicative of the position of the component with respect to a reference. The input device is configured to generate a signal indicative of a user selection input. The processor is coupled in communication with the sensor, the input device, and the display device, and is programmed to calculate a plurality of timebased position values associated with a relative position of the component with respect to a predefined period of time. A plurality of orbital position values associated with a relative position of the component are calculated by the processor. The processor graphically presents at least one of a plurality of timebased traces (100) corresponding to the calculated plurality of timebased position values and a plurality of orbit traces (102) corresponding to the calculated plurality of orbital position values in response to a user selection input via said input device.

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012

(21) Application No.1639/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A METHOD AND SYSTEM FOR CONTROLLING A MOTOR VEHICLE

(51) International classification :B60K
(31) Priority Document No :1110205.0
(32) Priority Date :16/06/2011
(33) Name of priority country :U.K.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)HALLERON, IAN**
**2)PETRIDIS, THEMI PHILEMON**
**3)BRITTLE, PETER GEORGE**
**4)ROBEKOWSKI, MARTIN**

(57) Abstract :
A method and System for controlling a motor vehicle 1 during an exit from a free rolling phase of operation is disclosed in which a speed of an engine 2 is adjusted to match an input speed of a transmission 3 so as to provide a smooth exit from the free rolling phase of operation to a normal phase of operation. In one embodiment the input speed of the transmission 3 is calculated based upon a composite final drive ratio, the gear ratio of the transmission 3 chosen for the exit and the speed at which the motor vehicle 1 is travelling.

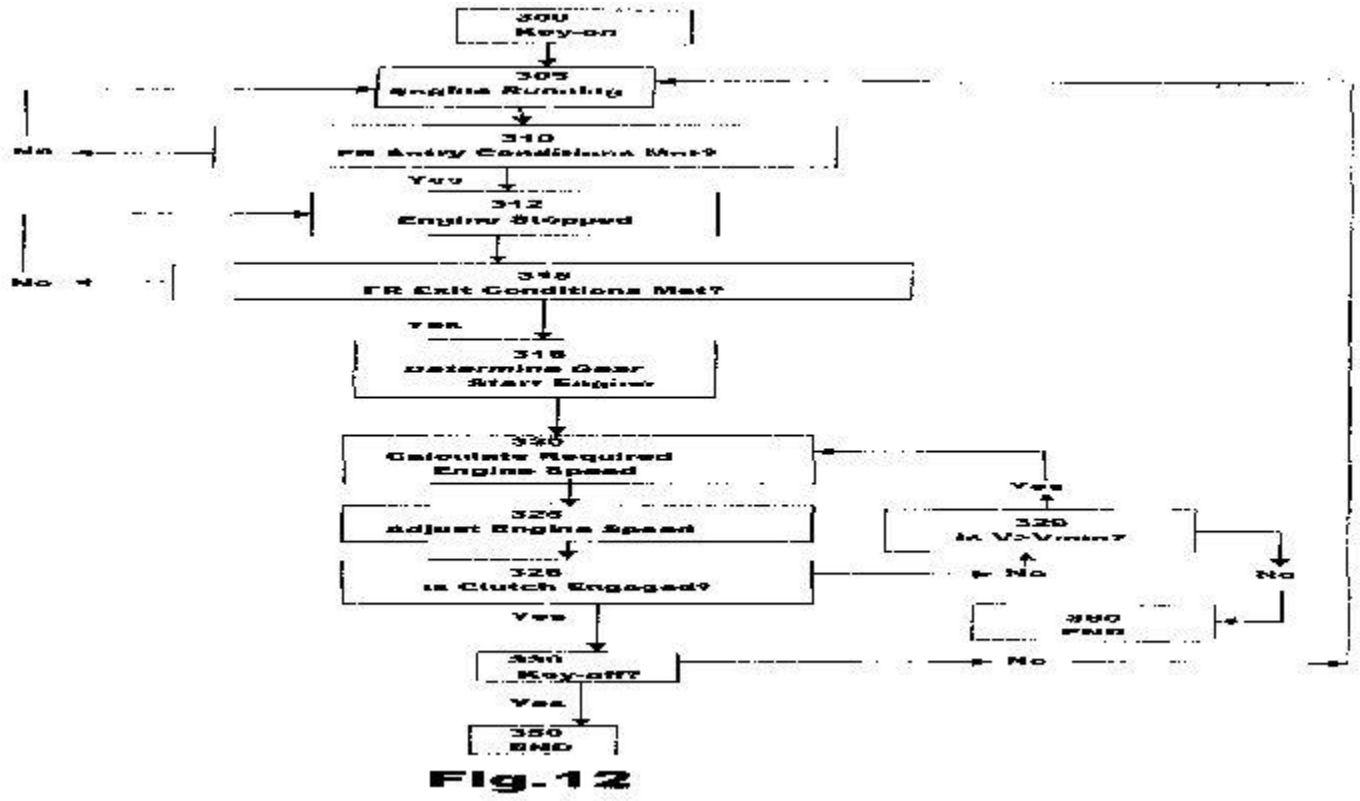



Fig-12

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2012

(21) Application No.1846/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DEVICE AND METHOD FOR MANUFACTURING AN OPTICAL PREFORM

(51) International classification :G06Q
(31) Priority Document No :2006962
(32) Priority Date :17/06/2011
(33) Name of priority country :Netherlands
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)MILICEVIC, IGOR**
**2)VAN STRALEN, MATTHEUS JACOBUS NICOLAAS**
**3)HARTSUIKER, JOHANNES ANTOON**
**4)ALDEA, EUGEN**

(57) Abstract :
A device for contracting a hollow substrate tube made of quartz glass, whose interior is provided with one or more glass layers, which may or may not comprise one or more dopants, into an optical preform, comprising a heat source which is movable relative to the longitudinal direction of the substrate tube, wherein an insert tube is present in the interior of the hollow substrate tube, at one end thereof, which insert tube is provided with a central opening, through which opening a gas can be passed and be supplied to the interior of the substrate tube.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2012

(21) Application No.1847/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MULTIMEDIA MESSAGE DELIVERY PLATFORM

(51) International classification :H04N
(31) Priority Document No :GB1110006.2
(32) Priority Date :15/06/2011
(33) Name of priority country :U.K.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)MARKO NORDBERG**

(57) Abstract :
A multimedia message delivery platform (10) provides multimedia content (K1, K2, ... Kn) to one or more users (70) coupled in communication with the platform (10). The platform (10) includes a data server arrangement (30, 40) for receiving and storing the multimedia content (K1, K2, ... Kn), and for communicating the multimedia content (K1, K2, ... Kn) to the one or more users (70). The one or more users (70) include wireless communication devices. The platform (10) includes the server arrangement (30) adapted to send one or more notification messages (210, 220; 600) to the one or more users (70) indicating availability of the multimedia content (K1), and a data switching arrangement (DSW) (50) adapted to receive one or more response messages (230, 240) from the one or more users (70) in response to the one or more notifications messages (210, 220; 600), and to direct the one or more response messages (230, 240) selectively to a portion of the servers (20) for initiating supply of the multimedia content (K1) to the one or more users (70), wherein the multimedia content (K1) is selected based upon information included in the one or more notification messages (210, 220; 600) sent to the one or more users (70). The platform (10) is operable to apply a parameter limited regime, for example a time-limited regime, in respect of the platform (10) for receiving the one or more response messages (230, 240) to the one or more notification messages (210, 220), and the platform (10) is adapted to provide alternative multimedia content (K2, ... Kn) in an event that the one or more response messages (230, 240) are received outside the parameter-limited regime, for example time-limited regime.

No. of Pages : 36 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2012

(21) Application No.1848/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYSTEM METHOD AND APPARATUS FOR SECURELY DISTRIBUTING CONTENT

(51) International classification :G06Q10/00
(31) Priority Document No :13/162,209
(32) Priority Date :16/06/2011
(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 :**
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(72)**Name of Inventor :**
**1)MADHAV S. PHADKE**
**2)KEDAR M. PHADKE**

(57) Abstract :
System, method and apparatus for securely distributing content via an encrypted file wherein a Publisher Key (PK) associated with an authorized publisher enables presentation of the content by the authorized user via a Limited Capability Viewer (LCV), the LCV lacking the capability to forward, print, copy or otherwise disseminate the content to be presented.

No. of Pages : 39 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2012

(21) Application No.1317/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : RECHARGEABLE BATTERY

(51) International classification :C07C
(31) Priority Document No :61/505,357
(32) Priority Date :07/07/2011
(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

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(72)**Name of Inventor :**
**1)KIM DUK JUNG**
**2)KWON JAE-IK**
**3)KIM IN**

(57) Abstract :
A rechargeable battery includes a case having an interior and an exterior, an electrode assembly having first and second electrodes, the electrode assembly being disposed in the interior of the case, and an electrode terminal member at the exterior of the case and electrically connected to the first electrode, wherein the electrode terminal member includes a first plate and a second plate, the first plate and the second plate being spaced apart from each other.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012

(21) Application No.1636/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR IMPROVING PROMPT DOSE RADIATION RESPONSE OF MIXED-SIGNAL INTEGRATED CIRCUITS

(51) International classification :H04N
(31) Priority Document No :61/491,956
(32) Priority Date :01/06/2011
(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

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(72)**Name of Inventor :**
**1)RODGERS, JOHN C.**

(57) Abstract :
A system and method for improving the prompt dose radiation response of mixed-signal integrated circuits is disclosed. An internal analog circuit inside a mixed-signal integrated circuit generates an internal analog reference voltage that has been used for various purposes in the integrated circuit. At least one external capacitor is added either internal or external to a device package of the integrated circuit. The external capacitor reduces any change in the internal refernece voltage due to prompt dose radiation by stabilizes the internal reference voltage and thus improves prompt dose radiation response of mixed-signal integrated circuits. A much greater value of capacitance may be provided without increase in dielectric rupture, suceptability or decrease in manufacturing yield which may be associated with added on-chip capacitance. This increased capacitance primarily reduces the amount of disturbance caused to the internal node during a prompt dose radiation event.

No. of Pages : 12 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012
(21) Application No.1637/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : REINITALIZATION OF A PROCESSING SYSTEM FROM VOLATILE MEMORY UPON RESUMING FROM A LOW-POWER STATE

| | |
|---|---|
| (51) International classification | :G06Q 40/00 |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)**Name of Applicant :**
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**1)LUECK, ANDREW WILLIAM**
**2)BRANOVER, ALEXANDER J.**
**3)KITCHIN, PAUL EDWARD**
**4)PEREZ, RONALD**
**5)ARORA, SONU**
**6)BERNUCHO, KRISHNA SAI**

(57) Abstract :
Boot configuration information is stored to a volatile memory of a processing system during a low-power state. When resuming from the low-power state, a processor device accesses configuration information for a memory controller from a non-volatile memory and restores the memory controller using the configuration information so as to permit access to the volatile memory. The processor device then configures the initial contexts e one or more processor cores using the core state information maintained by the volatile memory during the low-power state and accessed via the configured memory controller, and the one or more processor cores completes the boot process by executing resume boot code maintained by the volatile memory during the low-power state and accessed via the configured memory controller, rather than accessing boot code from a nonvolatile memory.

No. of Pages : 28 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2012
(21) Application No.1853/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SHELTER

(51) International classification :A47J
(31) Priority Document No :TO2011A 000529
(32) Priority Date :15/06/2011
(33) Name of priority country :Italy
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)SELEX SISTEMI INTEGRATI S.P.A.**
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Italy
(72)**Name of Inventor :**
**1)PACETTI STEFANO**
**2)DE FAZIO MARCO**
**3)TEGLIA MARIO**
**4)D'HARMANT CARLO**
**5)BAGLIONI STEFANO**
**6)VITUCCI MARCO**

(57) Abstract :
A shelter (1) having a longitudinal axis (2) and equipped with a parallelepiped-shaped central element or module (3) and two parallelepiped-shaped end elements or modules (4a, 4b), which are aligned with the central module (3) along the longitudinal axis (2) and are rigidly connected to the central module (3) at respective opposite axial ends of the central module (3) ; the central module (3) has a first framework (5) defined by a plurality of bars (8, 9a, 9b, 10a, 10b) and closed by panels (15, 16, 17, 18) carried by the first framework (5), and each end module (4a; 4b) has a respective second framework (6a; 6b), structurally independent from the first framework (5) and formed by a plurality of tubes (20a, 20b, 21a, 21b, 22a, 22b) connected to one another by means of ISO-standard corner blocks (23) defining the respective external vertices of the shelter (1).

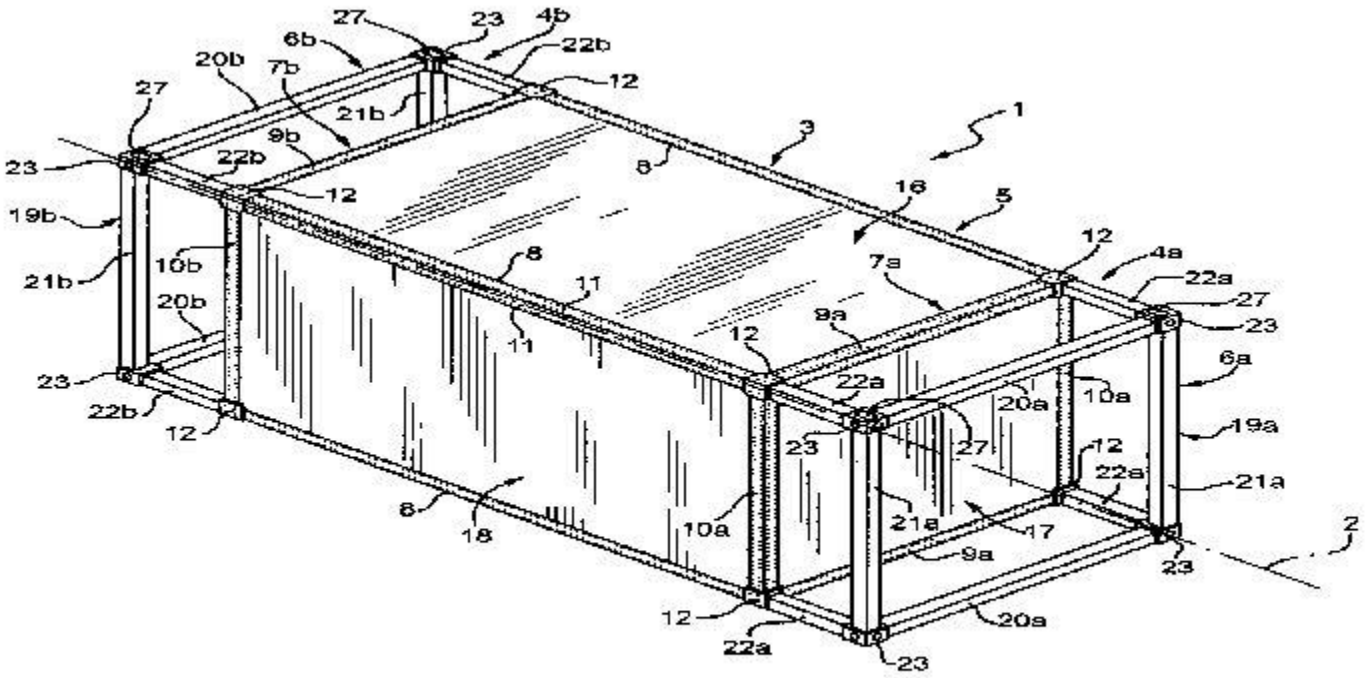



FIG. 1

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2012
(21) Application No.1568/DEL/2012 A
(43) Publication Date : 04/12/2015

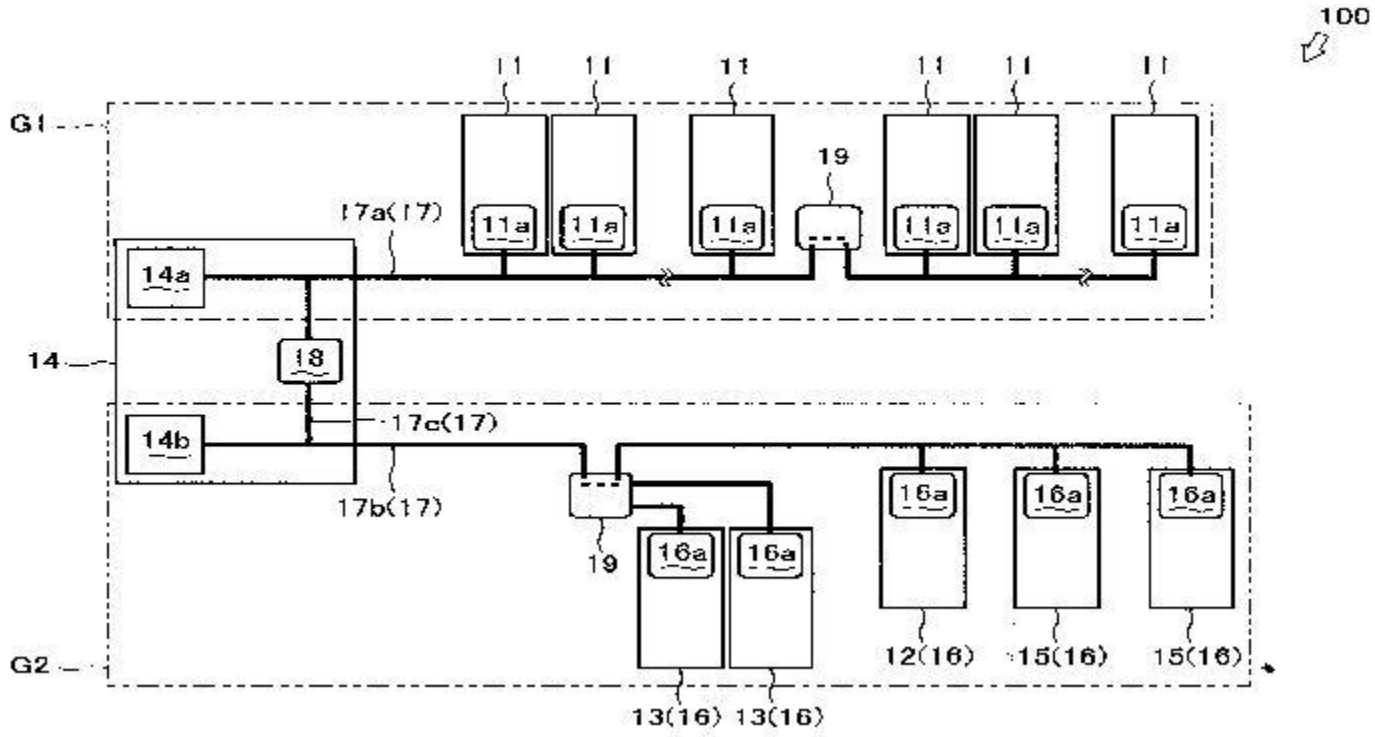
(54) Title of the invention : YARN WINDING MACHINE

(51) International classification :D06N1/00
(31) Priority Document No :2011-206499
(32) Priority Date :21/09/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)MURATA MACHINERY, LTD.**
Address of Applicant :3 MINAMI OCHIAI-CHO, KISSHOIN, MINAMI-KU, KYOTO-SHI, KYOTO 601-8326, JAPAN Japan
(72)**Name of Inventor :**
**1)TOKUDA KAZURO**
**2)HAYASHI SHIGERU**

(57) Abstract :
An object of the invention is to improve operation efficiency of a winding unit and an assisting unit of a yarn winding machine by reducing a delay in electronic signal processing. As means for solving such a problem, a yarn winding machine of the present invention includes a communication path (17) that connects a winding unit (11), an assisting unit (16), a first control section (14a), and a second control section (14b) so as to be communicable with each other, where an signal control device (18) is arranged on the communication path (17) , and the signal control device (18) selects whether to transmit or shield an electronic signal in accordance with a transmitting destination of the electronic signal.

FIG. 2




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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2012
(21) Application No.1569/DEL/2012 A
(43) Publication Date : 04/12/2015

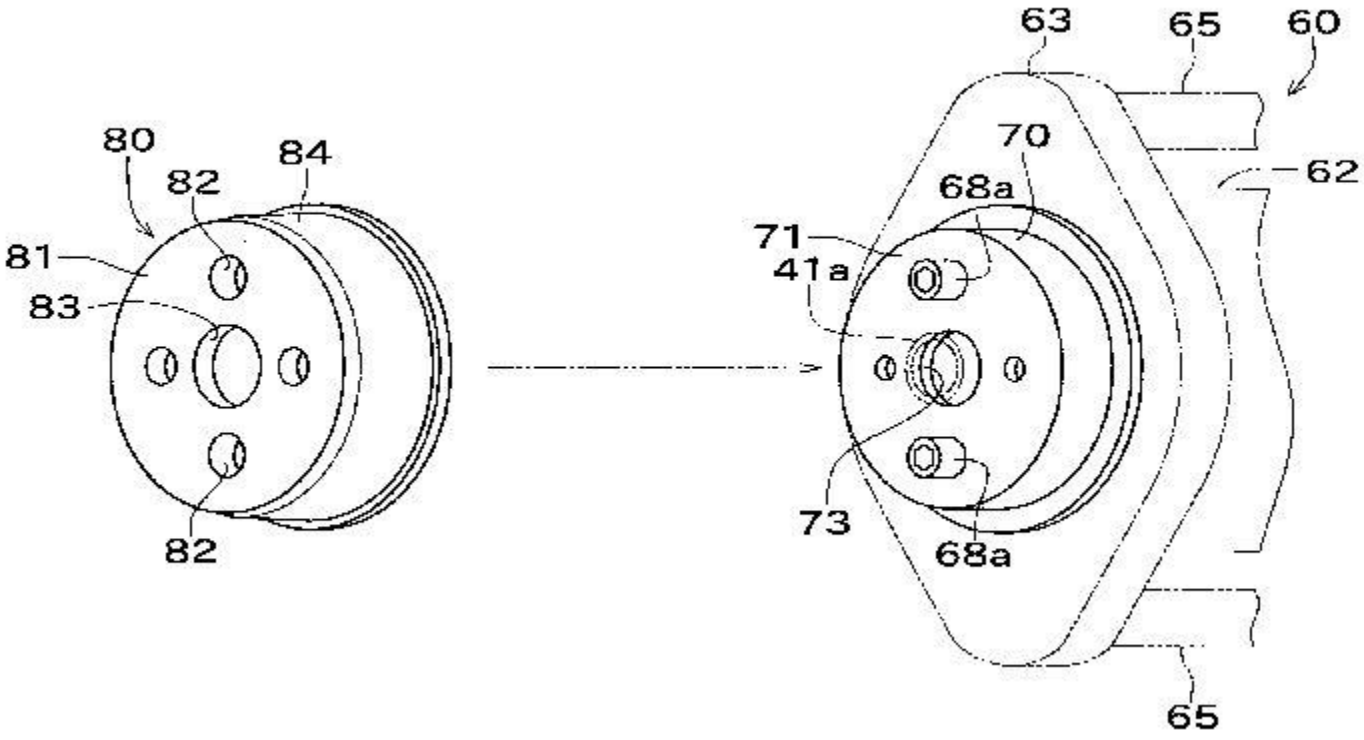
(54) Title of the invention : CRADLE, WINDING UNIT, AND YARN WINDING MACHINE

(51) International classification :D06N1/00
(31) Priority Document No :2011-201972
(32) Priority Date :15/09/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)MURATA MACHINERY, LTD.**
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(72)**Name of Inventor :**
**1)TANIGAWA YASUNOBU**

(57) Abstract :
A cradle includes a cradle main body (60) , a larger-diameter side bobbin holding section (43) , and a rotation preventing section (68a, 82). The larger-diameter side bobbin holding section (43) is rotatably mounted on the cradle main body (60) and adapted to hold a winding bobbin (22) around which a yarn (20) is wound. The larger-diameter side bobbin holding section (43) includes a base member (70) and a contact member (80) . The base member (70) is rotatably mounted on the cradle main body (60) . The contact member (80) is detachably mounted to the base member (70) by at least a portion of the contact member (80) being elastically deformed, and adapted to hold the winding bobbin (22) by making contact with the winding bobbin (22) . The rotation preventing section (68a, 82) is adapted to prevent relative rotation of the contact member (80) with respect to the base member (70).

FIG. 6




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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2012

(21) Application No.1850/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR ENGINE LOAD MANAGEMENT FOR ELECTRIC DRIVE VEHICLES

(51) International classification :F16B
(31) Priority Document No :13/171,506
(32) Priority Date :29/06/2011
(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)CATERPILLAR INC.**
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(72)**Name of Inventor :**
**1)THADUVAYI, SRIKAR**
**2)HOUTZ, PHILLIP JAMES**
**3)BRAND, JEFFREY ALAN**
**4)CROSMAN, ALEXANDER CAMERON**

(57) Abstract :
A method for load management for an electric drive machine comprises receiving a fuel signal indicative of a volume of fuel provided to an engine associated with the electric drive machine, receiving an engine speed signal indicative of a rotational speed of an output shaft of the engine, and receiving a boost pressure signal indicative of a pressure of air at an intake manifold of the engine. The method further includes determining a torque adjustment factor based on the fuel signal and the boost pressure signal, and determining a torque capability of the engine based on the fuel signal and the engine speed signal. An engine torque limit is determined based on the torque capability and the torque adjustment factor. A first motor torque command signal is determined for a first electric drive motor of the electric drive machine based at least in part on the engine torque limit.

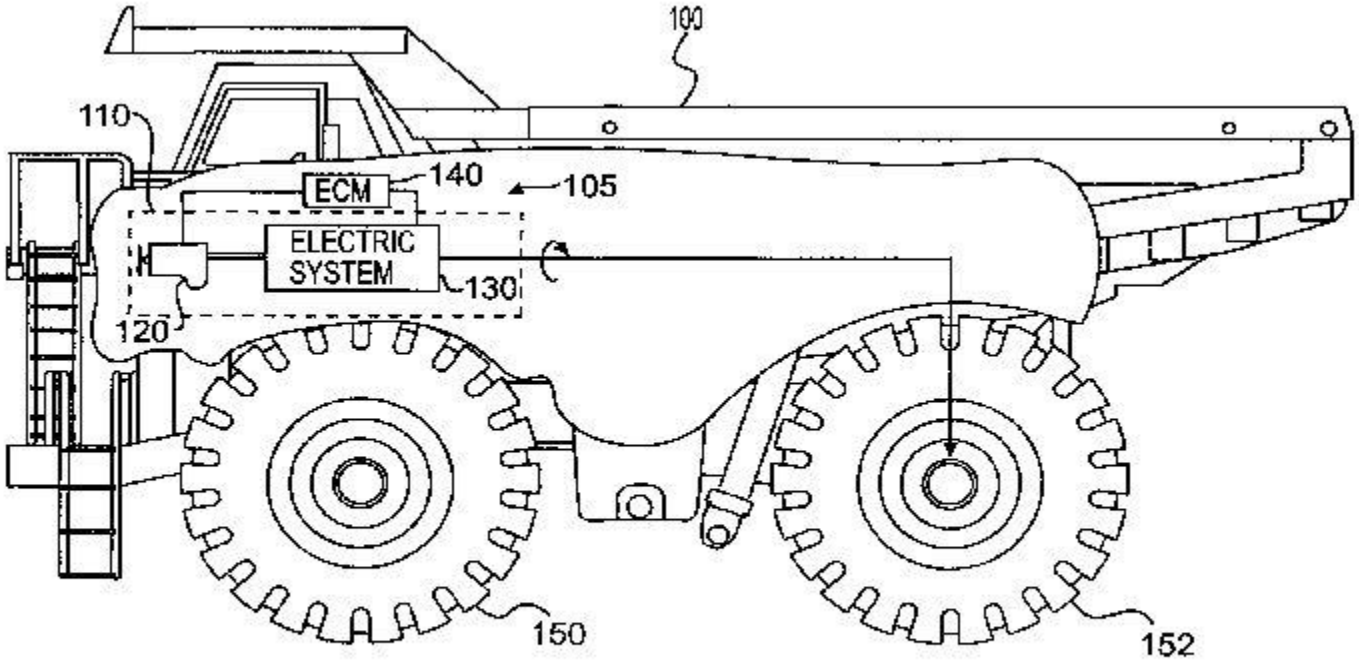



FIG. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2012

(21) Application No.1851/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : BATTERY TEMPERATURE DETECTION AND PARASITIC RESISTANCE COMPENSATION SYSTEM

(51) International classification :G06Q
(31) Priority Document No :13/215,567
(32) Priority Date :23/08/2011
(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)O2 MICRO, INC.**
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(72)**Name of Inventor :**
**1)GUOXING LI**

(57) Abstract :
The present application provides systems and methods for battery temperature detection and parasitic resistance compensation. Compensation circuitry is provided to generate a compensation current, proportional to a battery charging or discharging current, to compensate for the parasitic resistance associated with the line connection between a charger/monitor and a battery pack. The compensation current operates to adjust a reference current supplied to a temperature sensor, to enable accurate temperature measurement of the battery pack while reducing or eliminating influence from the parasitic resistance. The compensation circuitry can be utilized in a battery charger topology to enhance battery charging control and/or a battery monitoring topology to enhance battery discharge control.

No. of Pages : 36 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2012
(21) Application No.1459/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR PACKAGING NO/N2 MIXTURES, WITH PRIOR PURGING AND RINSING STEPS

(51) International classification :B65D
(31) Priority Document No :1155038
(32) Priority Date :09/06/2011
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE**
Address of Applicant :75 QUAI D'ORSAY, 75007, PARIS, FRANCE France
**2)AIR LIQUIDE SANTE (INTERNATIONAL)**
(72)**Name of Inventor :**
**1)DE VILLEMEUR PIERRE**
**2)SAMIRANT JOEL**
**3)ZERBINATTI CELSO**

(57) Abstract :
The method for packaging a gaseous NO/N2 mixture into at least one container, characterized in that, prior to admitting the said NO/N2 mixture, said at least one container is subjected to at least a purging step during which the internal volume of the container is placed in fluidic communication with the ambient atmosphere, an evacuating step during which the internal volume of the container is placed under depression, and a gas rinsing step during which an inert gas is admitted to said at least one container. For preference, the final gaseous NO/N2 mixture contains an NO content less than or equal to 1200 ppm by volume for a pressure of between P1 and 800 bar.

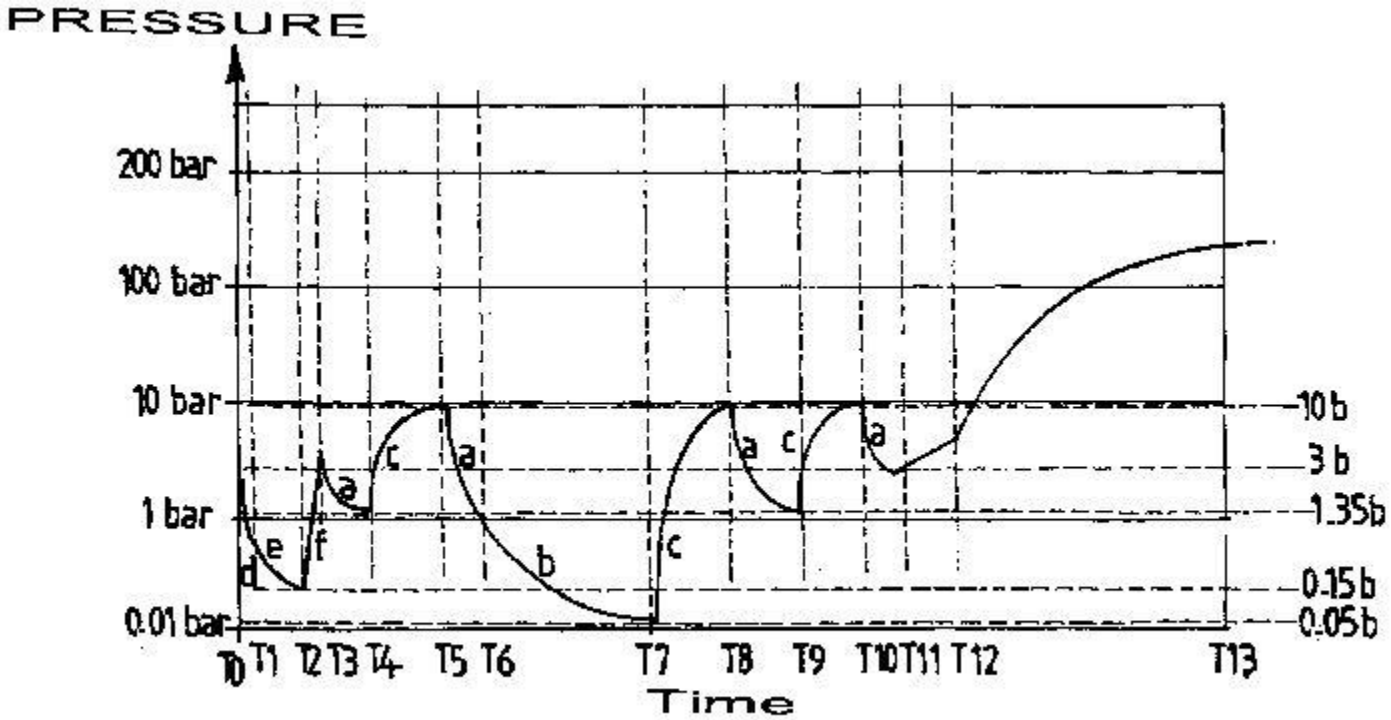



FIG.1

No. of Pages : 19 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/05/2012
(21) Application No.1588/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : LAMINATE THERMAL INSULATION BLANKET FOR AIRCRAFT APPLICATIONS AND PROCESS THEREFOR

(51) International classification :B64C
(31) Priority Document No :13/118,867
(32) Priority Date :31/05/2011
(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)MRA SYSTEMS, INC.**
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**1)MAHESHWARI, MAHENDRA**
**2)FANG, XIAOMEI**

(57) Abstract :
A thermal insulation blanket (60) for an aircraft engine (10), and processes for producing the thermal insulation blanket (60) to have low thermal conductivity and high temperature capability. The thermal insulation blanket (60) has a layered construction that includes an aerogel insulation material (62), a composite layer (64) disposed at a first surface of the aerogel insulation material (62), and a backing layer (66) disposed at an opposite surface of the aerogel insulation material (62) so that the aerogel insulation material (62) is encapsulated between the composite and backing layers (64,66). The composite layer (64) contains a resin matrix material reinforced with a fiber reinforcement material.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/05/2012

(21) Application No.1654/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AN IMPROVED WHEEL OF VEHICLE

(51) International classification :B60K
(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 STRIPS WHEELS LTD.,**
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(72)**Name of Inventor :**
**1)S. KRISHNA KUMAR**

(57) Abstract :
Currently available steel wheel of vehicle comprising of a steel disc with a flange at the periphery assembled in a rolled steel rim, where both are joined by means of fillet welding as shown in fig. 1.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2012

(21) Application No.1864/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SLIDABLE AND ELASTIC VALVE SET FOR PREFILLED DISPOSABLE SYRINGES

(51) International classification :C12N
(31) Priority Document No :P 2011 0102380
(32) Priority Date :04/07/2011
(33) Name of priority country :Argentina
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)LEONARDO SZAMES**
(72)**Name of Inventor :**
**1)JAIME LUIS SZAPIRO**
**2)SAUL MORENO**
**3)LEONARDO SZAMES**

(57) Abstract :
It is a valve set suitable for prefilled syringes that have either an inner chamber that stores the product to inject, or two independent inner chambers (2) and (3) that store isolated products (9) and (10) that must be mixed prior to the injection, where said valve set acts as a mechanism of transitory closure that blocks communication between two inner chambers or with the tube that communicates with the injection needle, including two cooperating discoid elements (4) and (5), positioned inside of the main body (1) of the syringe. Said discoid elements have peripheral borders leaned on the cylindrical surface of the main body; where one of the elements is a slidable and elastic discoid plug (4), that acts on the second element which is a receiving slidable discoid seat (5). The peripheral borders of bases of two discoid elements define the rims (19) and (20) which are thicker and less elastic than the rest of the body of each element. It stands out that the slidable and elastic discoid valve (4) includes an elastic basis with plurality of bores (14). A hollow plugging cylinder (13) with open end base extends from the inner side of said elastic basis; meanwhile, the slidable receiving discoid seat (5) includes a central passage tube (15) which is opposite to said plugging cylinder (13), having its inner entrance enclosed between the outer cavities that maintain the communication with the inner of the tube. It also stands but the fact that the plugging cylinder (13) that extends from the elastic basis of the valve plug (4) has external diameter of its round section slightly bigger than the diameter of the passage tube (15) of the receiving discoid seat (5).

No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2014

(21) Application No.1473/DEL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HIGHLY DISPERSIBLE PRECIPITATED SILICA AND METHOD OF PREPARATION THEREOF

| | |
|---|---|
| (51) International classification | :C01B 33/187 |
| (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)BRIDGEDOTS TECHSERVICES PVT. LTD.**
Address of Applicant :393, Pragati Nagar, Dungarpur, Rajasthan- 314001, India. Rajasthan India
(72)**Name of Inventor :**
**1)PODDAR, Abhisek**
**2)JAIN, Nikhaar**
**3)PANDYA, Tanmay**

(57) Abstract :
The present invention provides highly dispersible precipitated silica having improved structure and properties for use as reinforcing filler in elastomeric compositions and method of preparation thereof. The present invention further provides an alkaline silicate solution having reduced dielectric constant by digesting biogenic silica source with alkaline solution such that soluble organic compounds present in the biogenic silica source leach into the alkaline silicate solution. The alkaline silicate solution obtained as above is then acidified with a mineral acid under particular conditions of pH, temperature, time etc. to obtain the highly dispersible precipitated silica of the present invention.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2014

(21) Application No.1474/DEL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AIR SAMPLING DEVICE

(51) International classification :G01N15/00
(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)INDIAN INSTITUTE OF TECHNOLOGY KANPUR**
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(72)**Name of Inventor :**
**1)GUPTA, Tarun**
**2)CHAUHAN, Amit Singh**

(57) Abstract :
An air sampling device (100) comprises an inlet cover (106) having a flat surface (200) for collecting pollens and spores, and a circular surface (202), having several openings (108) to allow entry of air. The air sampling device (100) further includes a viable sampling body (102) comprising several sub-parts, for collection of particles suspended in the air. Each of the sub-parts includes an accelerating plate (110) having several nozzles (300) and a particle trap (114) located below the accelerating plate (110). The particle trap (114) is divided into several sectors (404), wherein each of the sectors (404) holds at least one substrate layer. A filter is provided in a bottom filtration body (104) of the air sampling device (100), for collection of the particulate matter in the air. An opening (124) is provided in the bottom filtration body (104) to allow exit of the air.

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

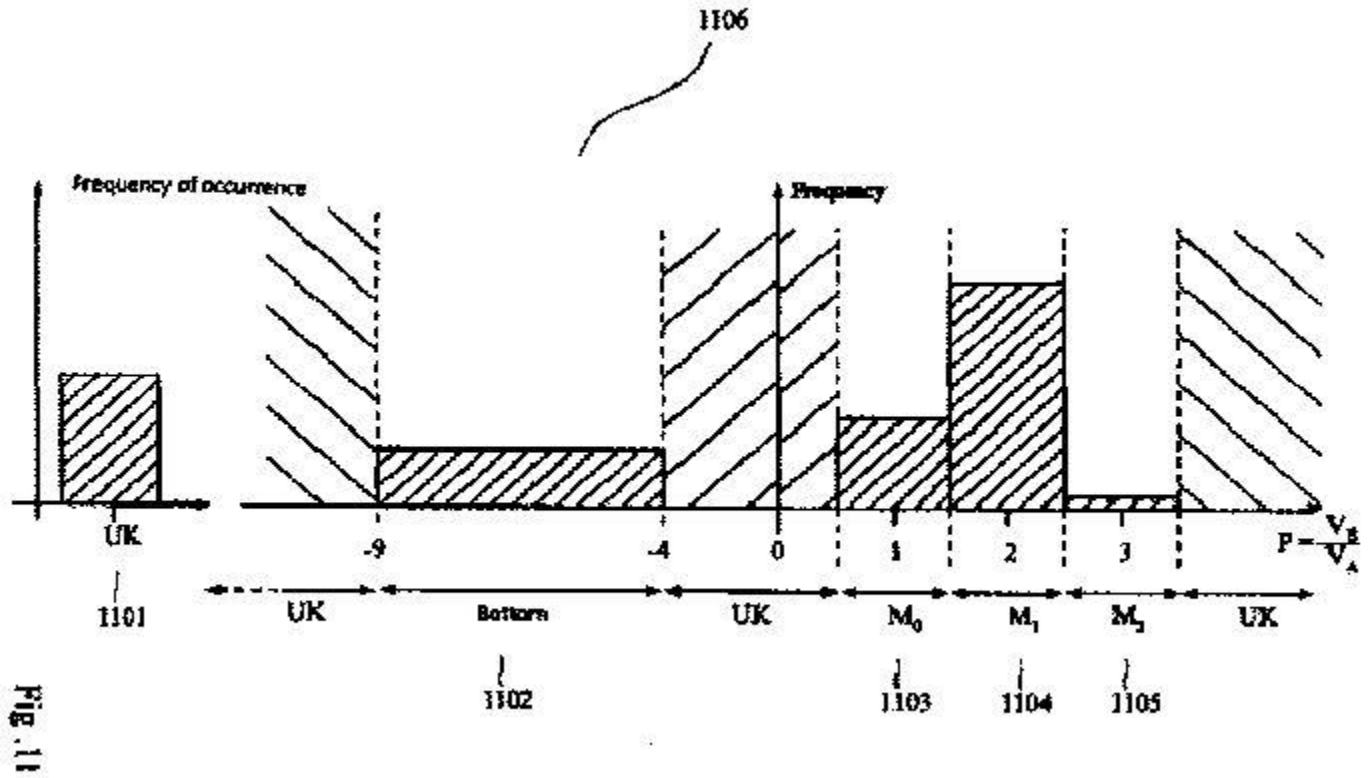
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2012

(21) Application No.1537/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PROCESS FOR DETECTING MULTIPLE ECHOES AND BOTTOM ECHOES

| | | |
|---|---|---|
| (51) International classification | :G01N | (71)**Name of Applicant :** |
| (31) Priority Document No | :11 167 916.3 | **1)VEGA GRIESHABER KG** Address of Applicant :HAUPTSTRAE 1-5, 77709 |
| (32) Priority Date | :27/05/2001 | WOLFACH, GERMANY Germany |
| (33) Name of priority country | :EPO | (72)**Name of Inventor :** |
| (86) International Application No | :NA | **1)WELLE, ROLAND** |
| Filing Date | :NA | |
| (87) International Publication No | :NA | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :
The invention relates to a robust process and a device for detecting multiple echoes and bottom echoes, in which statistical properties of a shared characteristic of two echoes identified in an echo curve are evaluated. This shared characteristic corresponds to a ratio of the positions or the speed values of the two identified echoes. In this way, it may be possible to classify the echoes.




No. of Pages : 46 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2012

(21) Application No.1538/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SINGLE MODE OPTICAL FIBER

(51) International classification :G01N
(31) Priority Document No :11305654.3
(32) Priority Date :27/05/2011
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)SILLARD, PIERRE**
**2)BIGOT-ASTRUC, MARIANNE**

(57) Abstract :
A single mode optical fiber comprises from the center to the periphery a core, at least first and second depressed claddings, and an outer cladding. The core has a radius (Rco) comprised between 3.5 µm and 5.5 µm and an index difference with the outer cladding (Dnco-Dnout) comprised between 0 and 3.10-3; the first depressed cladding has a radius (Rcl1) comprised between 9 µm and 15 µm and an index difference with the outer cladding (Dncl1-Dnout) comprised between 5.5.10-3 and -2.5.10-3; the second depressed cladding has a radius (Rcl2) comprised between 38 µm and 42 µm and an index difference with the first depressed cladding (Dncl2-DncM) comprised between -0.5.10-3 and 0.5.10-3; and the outer cladding has a radius comprised between 61.5 µm and 63.5 µm. A fiber with reduced attenuation can be manufactured at reduced cost.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/06/2012

(21) Application No.1880/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A PROCESS FOR PURIFICATION OF RECOMBINANT GRANULOCYTE COLONY STIMULATING FACTOR (RHU GCSF)

(51) International classification :C07C
(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)INDIAN INSTITUTE OF TECHNOLOGY NEW DELHI**
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**1)RATHORE, ANURAG SINGH**
**2)BHAMBURE RAHUL**
**3)SHARMA ROHIT**
**4)GUPTA DARPAN**

(57) Abstract :
The present invention relates to methods for purification of recombinant human granulocyte colony stimulating factor (rHu GCSF). The present invention particularly relates to methods for purification of rHu GCSF involving techniques such as aqueous two phase extraction and multimodal chromatographic purification to obtain highly purified rHu GCSF. The present invention also provides a pharmaceutical composition comprising the rHu GCSF, purified using the methods described herein.

No. of Pages : 57 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2012
(21) Application No.1410/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FRAME PROTECTION DEVICE AND FRAME PROTECTION METHOD FOR EXAMINATION TABLE

(51) International classification :A61K
(31) Priority Document No :201110143199.X
(32) Priority Date :30/05/2011
(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 :**
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Address of Applicant :WITTELSBACHERPLATZ 2, 8033 MUNCHEN, GERMANY. Germany
(72)**Name of Inventor :**
**1)JIAN WEI DONG**

(57) Abstract :
The present invention relates to a frame protection device and a frame protection method for an examination table, which are used to protect a part of the fixed frame exposed after the movable table body of the examination table has been moved. The frame protection device comprises: a connection part for the fixed frame, which part is connected to one end of the fixed frame; a receiving part for protection cloth, which part is fixedly connected to the connection part for the fixed frame; the protection cloth received in the receiving part for the protection cloth, which can be pulled out from the receiving part for the protection cloth when the external end thereof is subjected to a palling force; and a connection part for the movable table body, with one end thereof connected to the external end of the protection cloth and the other end fixedly connected to the connection part for the movable table body at one end of the movable table body. By way of the present invention, the part of the frame exposed after the movable table body of a medical examination table has been moved to the examination position can be covered effectively. In this way, dust or other debris would not fall onto the plane of the exposed part, thus reducing the costs for cleaning the equipment, prolonging the equipments service life, and at the same time, avoiding the risk for the clothing or fingers of a patient to be clamped in the gap between the movable table body and the exposed part, thus improving the equipments operation safety.

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2012

(21) Application No.1540/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYSTEM AND METHOD OF INVENTORY MANAGEMENT

(51) International classification :A61M
(31) Priority Document No :61/488,718
(32) Priority Date :21/05/2011
(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)ORTHO-CLINICAL DIAGNOSTICS, INC**
Address of Applicant :100 INDIGO CREEK DRIVE, ROCHESTER, NY 14626-5101, U.S.A. U.S.A.
(72)**Name of Inventor :**
**1)WILLIAM G. GINSTER, II**
**2)JOSEPH P. NAPOLI**

(57) Abstract :
An order management system including a server including a processor, a network interface for communicating with at least one medical device having an associated plurality of consumables, data storage means for storing relationship information for each , consumable, current inventory for each consumable, usage history for each consumable, and an order management module including program instructions that, when executed by the processor, are configured to calculate consumable order information based on the relationship information, current inventory, and usage history for each consumable.

No. of Pages : 44 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2012
(21) Application No.1541/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND APPARATUS FOR PRODUCING CUT TO LENGTH BARS IN A STEEL MILL

(51) International classification :B21B
(31) Priority Document No :1117354.9
(32) Priority Date :07/10/2011
(33) Name of priority country :U.K.
(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)PONG, DAVID TENG**
Address of Applicant :3409, JARDINE HOUSE, 1 CONNAUGHT PLACE, HONG KONG, SAR, Hongkong(China)
(72)**Name of Inventor :**
**1)PONG, DAVID TENG**

(57) Abstract :
A method of producing steel bars that are cut to length in response to a customer order. The method includes producing a continuous length of steel bar from a rolling mill, cutting said continuous length of steel bar into lengths equal to the length of the bar of the customer order while maintaining the production of the continuous length of steel bar produced by the rolling mill, and bundling bars of the length of the customer order for discharge from the mill using one of two bundling stations arranged to receive and bundle cut bars.

No. of Pages : 16 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/06/2012

(21) Application No.1891/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PREPREG

(51) International classification :C07C
(31) Priority Document No :10 2011 105 676.2
(32) Priority Date :22/06/2011
(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)SCHOELLER TECHNOCELL GMBH & CO. KG**
Address of Applicant :BURG GRETESCH 49086 OSNABRUCK, GERMANY Germany
(72)**Name of Inventor :**
**1)MARTINA WICHER**

(57) Abstract :
A prepreg for further processing to form a decorative paper is obtainable by impregnation of a decorative base paper with an impregnating resin solution that contains at least one styrene-alkylacrylate-hydroxyethylmethacrylate copolymer and at least one water-soluble polymer, wherein alkyl stands for methyl, ethyl, propyl, or butyl and the prepreg is nota¬ble for improved resistance to splitting as well as better adhesion and flatness.

No. of Pages : 28 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/05/2012

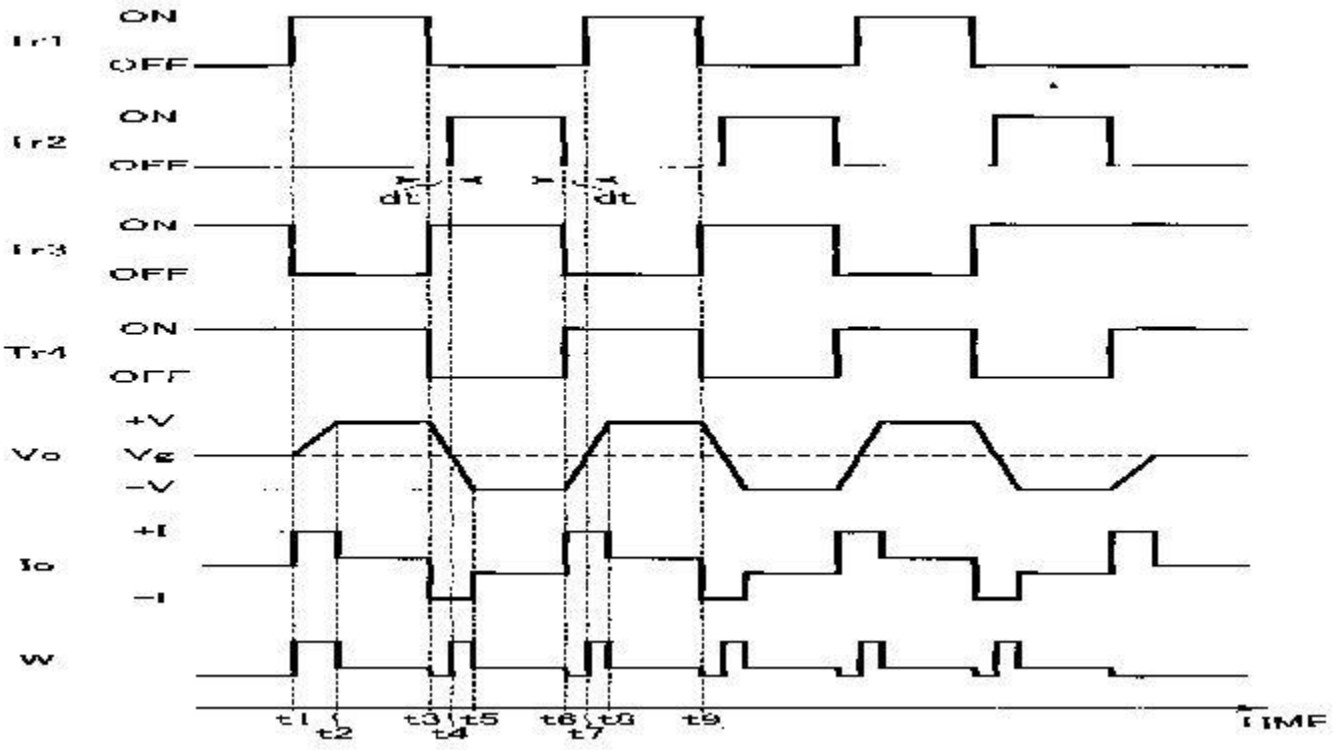
(21) Application No.1492/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ULTRASONIC TRANSDUCER DRIVE CIRCUIT AND ULTRASONIC IMAGE DISPLAY APPARATUS

| | | |
|---|---|---|
| (51) International classification | :G01N | (71)**Name of Applicant :** |
| (31) Priority Document No | :2011-109442 | **1)GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY COMPANY, LLC** |
| (32) Priority Date | :16/05/2011 | Address of Applicant :3000 NORTH GRANDVIEW BOULEVARD WAUKESHA, WI 53188-1696, USA U.S.A. |
| (33) Name of priority country | :Japan | (72)**Name of Inventor :** |
| (86) International Application No | :NA | **1)AMEMIYA, SHINICHI** |
| 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 :
To provide an ultrasonic transducer driver circuit realizing suppressed power consumption in the positive voltage supply circuit and the negative voltage supply circuit. [Solving Means] An ultrasonic transducer drive circuit includes a positive voltage supply circuit, a negative voltage supply circuit, a current-inflow-type ground clamp circuit, and a current-outflow-type ground clamp circuit. The current-inflow-type ground clamp circuit enters an operation state at time t3 when the negative pulse is generated in a state where the voltage in the output line is positive voltage +V, and the current-outflow-type ground clamp circuit enters an operation state at time t6 when the positive pulse is generated in a state where the voltage in the output line is the negative voltage.

FIG. 4




No. of Pages : 46 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2012

(21) Application No.1620/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DEVIATION DEVICE OF WEBS TO A LAP WINDER ON A SPINNING LINE

(51) International classification :G06Q
(31) Priority Document No :BS2011A000097
(32) Priority Date :29/06/2011
(33) Name of priority country :Italy
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)MARZOLI S.P.A.**
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(72)**Name of Inventor :**
**1)PRANDINI GIROLAMO**
**2)GREGORI ANTONIO**

(57) Abstract :
A lap-winder apparatus (1) on a spinning preparation line, comprises a deviation device of the webs to the lap-winder. The device comprises a final deviator (60) comprises a plurality of fixed or rotating deviation units (62) positioned on the working width of the drawing head, which form an upper abutment for the deviated web. In one embodiment variation, the device comprises an auxiliary deviator (90) comprising a plurality of rotating auxiliary rollers (92), sub-divided into two groups (92a, 92b) externally to the working width of the drawing head.

No. of Pages : 34 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2012

(21) Application No.1621/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PRODUCTION OF HYDROGEN FROM HYDROCARBONS AND HYDROXYL GROUPS PRODUCED FROM PHOTOSYNTHETIC ORGANISM THROUGH STEAM REFORMING.

(51) International classification :C07C
(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)AAFTAB SINGH**
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(72)**Name of Inventor :**
**1)AFTAB SINGH**

(57) Abstract :
The present invention provides methods for the production of hydrogen and other useful products through hydrocarbons and the hydroxyls produced in bio reactor through the means of photosynthetic organisms.

No. of Pages : 0 No. of Claims : 0

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/06/2012

(21) Application No.1904/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ZINC OXIDE/ACID CONTAINING COMPOSITIONS AND METHODS FOR TREATING AND/OR PREVENTING ENZYMATIC IRRITATION

(51) International classification :C07C
(31) Priority Document No :13/170306
(32) Priority Date :28/06/2011
(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)JOHNSON & JOHNSON CONSUMER COMPANIES,INC.**
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**1)CONNIE B. LIN**
**2)EUEN THOMAS GRAHAM EKMAN GUNN**
**3)YA-PING HU**
**4)NEEMA KULKARNI**
**5)MARY CATHERINE MACK**
**6)SELINA MOSES**
**7)THONG HUY NGUYEN**

(57) Abstract :
Compositions and methods for treating and/or preventing conditions such as diaper rash and atopic dermatitis are disclosed. The compositions and methods are particularly useful in the treatment and prevention of diaper rash and diaper dermatitis caused by the prolonged contact of human skin with body waste. The methods employ the topical application of a trypsin-inhibiting agent to the area in need of such treatment, or the area where prevention is desired. The trypsin-inhibiting agent is preferably zinc oxide in combination with an acid so as to release a specified divalent cation, i.e., zinc.

No. of Pages : 39 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/06/2012

(21) Application No.1905/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ACL RECONSTRUCTION TUNNEL GAUGE AND METHOD

(51) International classification :E02B
(31) Priority Document No :13/168104
(32) Priority Date :24/06/2011
(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)DEPUY MITEK, INC.**
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(72)**Name of Inventor :**
**1)JOSE LIZARDI**
**2)DAVID SPENCINER**

(57) Abstract :
A depth gauge and method provide for accurate measurement of a socket portion of a bone tunnel in an ACL reconstruction.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/06/2012

(21) Application No.1906/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A FORCE TRANSMISSION DEVICE

(51) International classification :F16B
(31) Priority Document No :1110515.2
(32) Priority Date :22/06/2011
(33) Name of priority country :U.K.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)REFAAT MALKI**
**2)MARTIN TAYLOR**

(57) Abstract :
A force transmission device for a disc brake operable to move a friction element of the brake into engagement with a rotary brake disc along a first axis in response to a loading from an actuating member, the device comprising: a guide member having a generally cylindrical guide form; a piston comprising a complementary generally cylindrical outer sliding surface slideable within the guide member, wherein; an anti-rotation formation is provided between the guide member and the piston, the formation comprising a recess extending generally parallel to the first axis and a complementary projection.

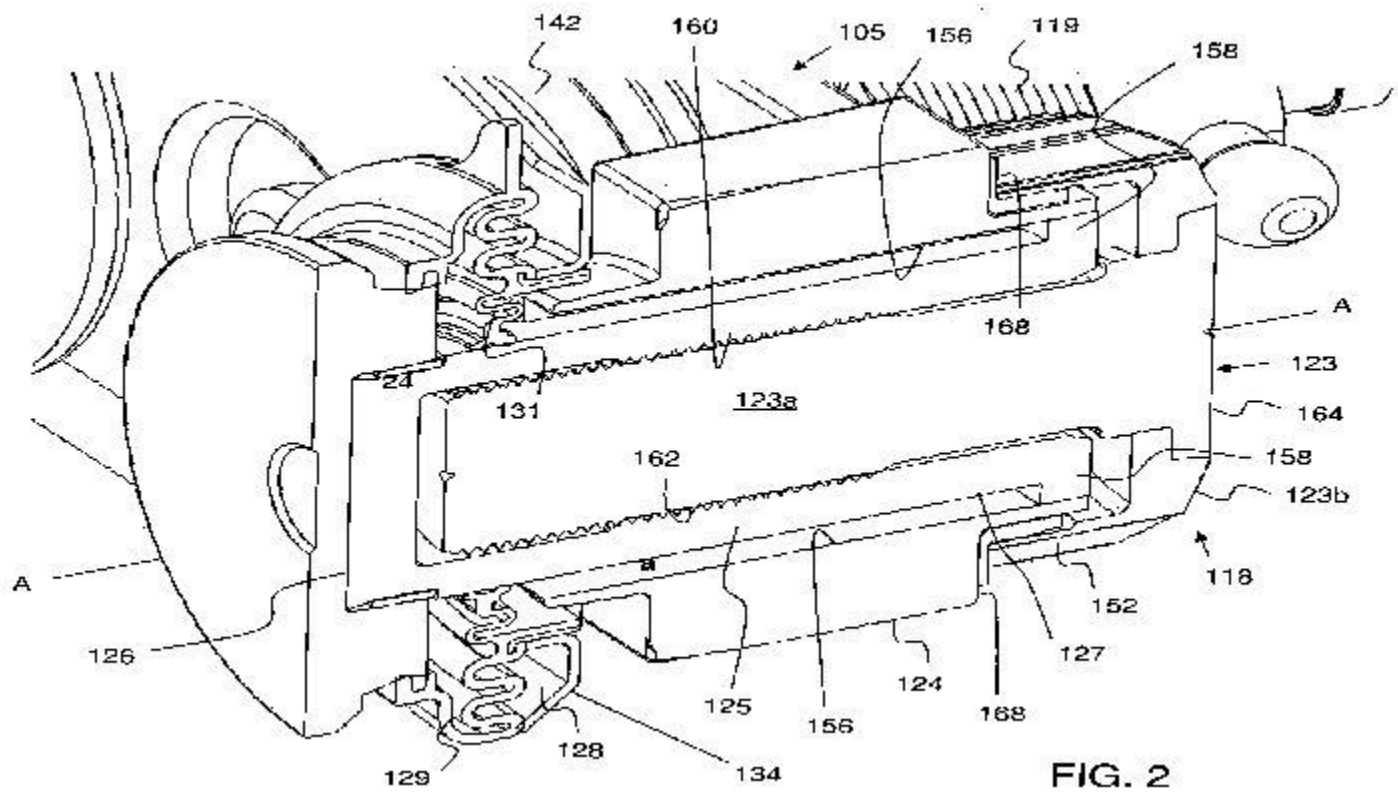



FIG. 2

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2012

(21) Application No.1325/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : REMOTE CONTROL IRRIGATION SYSTEM

| | |
|---|---|
| (51) International classification | :B62D |
| (31) Priority Document No | :MI 2011A 000803 |
| (32) Priority Date | :10/05/2011 |
| (33) Name of priority country | :Italy |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | :NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

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(72)**Name of Inventor :**
**1)BRUNDISINI, ANDREA**

(57) Abstract :
The object of the present invention is a remote control irrigation system which comprises a centralized radio control programmer (P) adapted to generate radiofrequency programming controls and a plurality of programmable units (RF VPR) provided with a radiofrequency control module (MC) adapted to receive and execute said programming commands and to communicate its status to said centralized programmer (P). The system is further provided with at least one radiofrequency rain sensor (SP) associated with said programmable units (RF VPR) in a dedicated or universal manner. (Fig. 1)

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2012

(21) Application No.1456/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PRINTING FORM AND PROCESS FOR PREPARING THE PRINTING FORM WITH CURABLE COMPOSITION HAVING BISPHENOL-BASED EPOXY RESIN

(51) International classification :C08F
(31) Priority Document No :61/485485
(32) Priority Date :12/05/2011
(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 :**
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(72)**Name of Inventor :**
**1)ADELMAN, DOUGLAS, J.**
**2)FIGULY, GARRET D.**
**3)LU, HELEN SHIN MIN**
**4)SHARMA. USHA**

(57) Abstract :
The invention pertains to a process for preparing a printing form from a curable composition that includes an bisphenol-based epoxy resin; an amine curing agent selected from primary amines and secondary amines, the agent having an amine equivalent weight of less than or equal to 200 g/equivalent; and, a multi-epoxy reactive diluent. The process includes applying the curable composition to a supporting substrate to form a layer, curing the layer at one or more temperatures in a temperature range, and engraving to form at least one cell in the cured layer. The process prepares printing forms, particularly gravure printing forms, having a cured resin composition layer that is engravable, resistant to solvent inks and to mechanical wear, and capable of printing gravure-quality images.

No. of Pages : 60 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2012

(21) Application No.1583/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ELEVATOR-USE ELECTRONIC SAFETY ASSURANCE CONTROL APPARATUS

| | |
|---|---|
| (51) International classification | :H04N |
| (31) Priority Document No | :2011-128591 |
| (32) Priority Date | :08/06/2011 |
| (33) Name of priority country | :Japan |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | :NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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**2)MATSUDO TAKASHI**
**3)OKAMURA KIYOSHI**
**4)KAWASHIRI SHINYA**
**5)MATSUMOTO KEIJI**
**6)TAKAYAMA NAOKI**
**7)YOSHIMOTO SHINJI**
**8)NAYA HIDEMITSU**
**9)INOUE SHINSUKE**
**10)YOSHIKAWA TOSHIFUMI**

(57) Abstract :
An elevator-use electronic safety assurance control apparatus has a safety controller configured to output a command signal used to shift the elevator by using the operating states of various safety switches and safety devices, including final limit switches, an elevator car door switch, and a bumper, in the elevator as input information and also has a governing controller configured to control the operation of the elevator according to the command signal; since input information items are input in parallel, the safety controller can identify which of the safety switches and safety devices has operated to indicate an abnormality, and the safety controller also decides whether to stop operation; when detecting the operation of a stop switch or a maintenance switch manipulated by a maintenance person, the governing controller sends information about a place of a safety switch or safety device due to which the operation of the elevator has been stopped and about a type of abnormality to a lamp attached to a general elevator hall button on a lobby floor.

No. of Pages : 30 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/05/2012
(21) Application No.1650/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : NOVEL COMPOUNDS AS MEMORY ENHANCERS

(51) International classification :A61K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)VASISHT KARAN**
**2)KARAN MANINDER**
**3)DHOBI MAHAVEER**

(57) Abstract :
The field of invention pertains to a new series of chemical compounds (chemical formula I) with biological role of improving central nervous system (CNS) activity. The compounds of this new series with a new chemical skeleton have been named as clitorienolactones. These have been isolated from the roots of the plant, Clitoria ternatea L. (Family - Fabaceae) but can also be synthesized chemically.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2012
(21) Application No.1926/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND SYSTEM FOR AUTOMATED SYSTEM MIGRATION

(51) International classification :G06F
(31) Priority Document No :13/170,564
(32) Priority Date :28/06/2011
(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

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(72)**Name of Inventor :**
**1)WILLIAM F. ARCUDI**

(57) Abstract :
Methods, systems, and programs described herein can provide automated testing and migration from a first application instance to a second application instance with minimal impact on the operational system. A parallel testing environment is automatically established to allow for parallel processing of inputs and comparison of outputs.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2012

(21) Application No.1852/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHODS OF MAKING PHOTOVOLAIC DEVICES AND PHOTOVOTAIC DEVICES

(51) International classification :G06Q
(31) Priority Document No :13/165,298
(32) Priority Date :21/06/2011
(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

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**2)KOREVAAR BASTIAAN ARIE**
**3)ZHAO YU**

(57) Abstract :
One aspect of the present invention includes method of making a photovoltaic device. The method includes disposing an absorber layer on a window layer, wherein the absorber layer includes a first region and a second region. The method includes disposing the first region adjacent to the window layer in a first environment including oxygen at a first partial pressure; and disposing the second region on the first region in a second environment including oxygen at a second partial pressure, wherein the first partial pressure is greater than the second partial pressure. One aspect of the present invention includes a photovoltaic device.

No. of Pages : 35 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2012

(21) Application No.1921/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : BATTERY MONITOR CIRCUIT, STORAGE APPARATUS, ELECTRONIC APPARATUS, ELECTRIC-POWERED VEHICLE, AND POWER SYSTEM

(51) International classification :H01J
(31) Priority Document No :2011145140
(32) Priority Date :30/06/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)EIJI KUMAGAI**
**2)AKIRA SAMPEI**
**3)KAZUHARU YANAGIHARA**

(57) Abstract :
A battery monitor circuit includes a first monitoring unit for detecting voltages of battery cells in a first group, a second monitoring unit for detecting voltages of battery cells in a second group, and a current cancellation unit for canceling a difference between first and second currents that flow through the first and second monitoring units, respectively. One terminal of a series connection of the battery cells in the first and second groups and one terminal of the first monitoring unit are connected, the other terminal of the first monitoring unit and one terminal of the second monitoring unit are connected, and the other terminal of the second monitoring unit and the other terminal of the series connection are connected. The current cancellation unit is disposed between a connection point between the first and second monitoring units and a middle connection point in the middle of the series connection.

No. of Pages : 54 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2012

(21) Application No.1923/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COMPOUNDS OF THE GENERAL FORMULA (IIA)

(51) International classification :C07C
(31) Priority Document No :19602095.6
(32) Priority Date :22/01/1996
(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 :113/DEL/97
Filed on :15/01/1997

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**2)HERBERT GAYER**
**3)PETER GERDES**
**4)BERND-WIELAND KRUGER**
**5)BERND GALLENKAMP**
**6)UWE STELZER**
**7)ALBRECHT MARHOLD**
**8)RALF TIEMANN**
**9)STEFAN DUTMANN**
**10)GERD HANSSLER**
**11)KLAUS STENZEL**

(57) Abstract :
Methoxyvinyl Compound of general formula (VI) in which A represents optionally substituted 1, 2 ethanediyl.

No. of Pages : 71 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2012

(21) Application No.2346/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : STIRRING REGULATION FOR CONTINUOUS STIRRING OF A RESIDENT DIGESTATE INSIDE A DIGESTER

(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 :NA
Filing Date :NA

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**3)PRAVEEN SUKUMARAN**
(72)**Name of Inventor :**
**1)MAINAK CHAKRABORTY**
**2)SREEKRISHNA SANKAR**
**3)PRAVEEN SUKUMARAN**

(57) Abstract :
A biomethanation digester, an assembly of biomethanation digester and a method for stirring during biomethanation A Biomethanation digester (1) includes a heat based stirrer (2) arranged in the digester (1), such that the stirrer (2) heats the contents (5) enclosed in the digester (1) and creates convection current (4) within the contents (5) around the stirrer (2). The contents (5) are stirred due to the convection current (4) created within the contents (5). The abstract includes FIG 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2012

(21) Application No.2420/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DEVICE AND METHOD FOR BLOW MOULDING CONTAINERS

(51) International classification :B23B
(31) Priority Document No :102011080833.7
(32) Priority Date :11/08/2011
(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 :**
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(72)**Name of Inventor :**
**1)FUHRER, KAJ**

(57) Abstract :
Described are a device and a method for blow moulding containers, whereby the device contains a plurality of blow-moulding stations, each provided with at least one blow mould, whereby these blow-moulding stations are arranged on a carrier, particularly on a blowing wheel. The blow-moulding stations are supplied with an operating medium by means of a tempering device. To simplify the design and optimize the control, it is proposed to arrange the tempering device on the carrier such that the tempering device runs along with the carrier.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2012

(21) Application No.1930/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AN ARTIFICIAL LIQUID CREAM FOR UTILIZATION IN UNSWEETENED COOKING AND WHIPPING APPLICATIONS

(51) International classification :A23L
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)BHAGWAN SINGH SANODIYA**
**4)GURUDEV SINGH DAVAR**
**5)PUNEET DAVAR**

(57) Abstract :
The invention relates to an. artificial liquid cream for utilization in unsweetened cooking and whipping applications comprising 64-70% by weight of water, 18-26% by weight hydrogenated vegetable fat, 2-8% by weight pi-otein, 0.1 - 1% by weight stabilizer system, 0.1 - 1% by weight emulsifier system, 1-3% by weight modified starch and dextrin and 0.1- 0.3% by weight Acid regulator.

No. of Pages : 40 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2012

(21) Application No.1931/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR MANUFACTURING AN ELECTROMAGNETIC RADIATION DETECTOR AND DETECTOR OBTAINED BY SUCH A METHOD

(51) International classification :G06Q
(31) Priority Document No :1102031
(32) Priority Date :30/06/2011
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)ETCHEBERRY ARNAUD**
**3)CAUSIER ALEXANDRE**
**4)GERARD ISABELLE**

(57) Abstract :
A method for removing the growth substrate of a circuit of electromagnetic radiation detection, especially in the infrared or visible range, said detection circuit including a layer of detection of said radiation made of Hg(1 _ x)CdxTe obtained by liquid or vapor phase epitaxy or by molecular beam epitaxy, said detection circuit being hybridized on a read circuit. The method includes: submitting the growth substrate to a mechanical or chem.-mech. polishing step or to a chemical etch step to decrease its thickness, all the way to an interface area between the material of the detection circuit and the growth substrate; and submitting the interface thus obtained to an iodine treatment.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2012

(21) Application No.2421/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MEDICAL PRESENTATION CREATOR

(51) International classification :G06F
(31) Priority Document No :13/212394
(32) Priority Date :18/08/2011
(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

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**1)YELURI, VIJAYKALYAN**
**2)FREDERICK, PERRY**
**3)HERFKENS, ROBERT JOHN**

(57) Abstract :
An example computer-implemented method for creating a medical presentation. The method includes accessing a medical exam, presenting the medical exam for review by a user, and marking at least a portion of the medical exam according to a criterion identified by the user. The method includes collecting the marked portion of the medical exam to be included in a presentation according to the criterion, and preparing, automatically, a presentation for the user as the user continues exam review, the presentation including the marked portion of the medical exam, wherein the marked portion of the medical exam is anonymized, the presentation to be dynamically updated as the user continues review.

No. of Pages : 36 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2012

(21) Application No.2422/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PITCH CHANGE MECHANISM FOR OPEN ROTOR ARCHITECTURE

(51) International classification :B41J
(31) Priority Document No :1114795.6
(32) Priority Date :26/08/2011
(33) Name of priority country :U.K.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)SZYMANDERA, ALEKSANDER KRZYSZTOF**

(57) Abstract :
This application relates to a mechanism for enabling independent pitch control of airfoil blades of contra-rotating rotor assemblies. The mechanism is of particular benefit when applied to open rotor gas turbine engines. A pitch change mechanism (40) for an open rotor gas turbine engine (10) is disclosed, the engine having a first rotor assembly (20) and a second rotor assembly (30), with a plurality of airfoil blades (21, 31) circumferentially mounted on each rotor assembly and arranged in contra-rotational relationship to each other. The pitch change mechanism includes an actuator assembly (50) adapted to be secured to a non-rotating frame (12) of the engine, the actuator assembly having a first actuator (51) and a second actuator (52), with the actuator assembly being rotationally isolatable from and couplable to the first and second rotor assemblies such that, in use, an actuation signal from the first or second actuator induces a corresponding desired change in pitch of the airfoil blades of the respective first or second rotor assembly independently of the pitch of the airfoil blades of the second or first rotor assembly. Figure 3

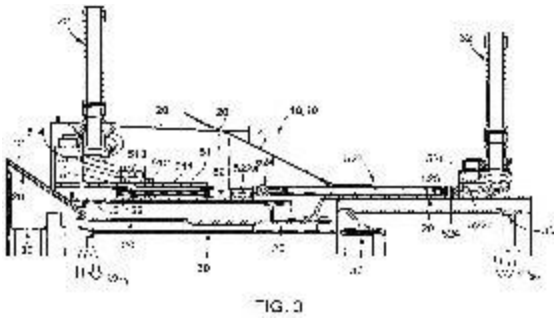


FIG. 3

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.1602/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AN ADHESIVE CONTAINING TUBULAR ROCK ANCHOR

(51) International classification :C08F
(31) Priority Document No :2011/04244
(32) Priority Date :08/06/2011
(33) Name of priority country :South Africa
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)PASTORINO, PAOLO ETTORE**
**4)KAPP, DIEDRICK**
**5)MARVIN, NICHOLAS**
**6)TYRER, DAVID CHARLES**
**7)SHEPPARD, JAMES WILLIAM**
**8)CROMPTON, BRENDAN ROBERT**

(57) Abstract :
The invention provides a rock anchor which includes an elongate tubular body which extends between a first end and an opposing second end, a cartridge for containing a multi-component adhesive system, in the tubular body, wherein the cartridge has a rigid tubular housing within which at least one compartment is defined, in which is contained an adhesive component of the system, wherein the at least one compartment yields to volumetrically reduce under fluid pressure created by a fluid input into the housing, thereby to extrude the adhesive components.

No. of Pages : 38 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.1603/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHODS FOR PREPARING AND COAGULATING GRAFT RUBBER LATEX HAVING HIGH THERMAL STABILITY

| | |
|---|---|
| (51) International classification | :C08F |
| (31) Priority Document No | :10-2006-0078956 |
| (32) Priority Date | :21/08/2006 |
| (33) Name of priority country | :Republic of Korea |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :1768/DEL/2007 |
| Filed on | :20/08/2007 |

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**2)YOO, KEUN-HOON**
**3)LEE, JIN-HYOUNG**
**4)HAN, WON-DEOK**

(57) Abstract :
The present invention relates to a preparation method of a graft rubber latex, more precisely to a preparation method of a graft rubber latex by polymerization of a monomer mixture comprising one or more compounds selected from the group consisting of a rubber latex, an aromatic vinyl compound, a vinyl cyan compound and an acrylate compound, characterized by using a first hydrophobic peroxide-based polymerization initiator before the polymerization conversion rate of the monomer mixture reaches 50% and a second hydrophobic peroxide-based polymerization initiator thereafter. The graft rubber latex prepared by the method of the present invention has excellent thermal stability without using an additional thermo-stabilizer and increased efficiency in applying to a screw type dewatering machine.

No. of Pages : 22 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2012

(21) Application No.2384/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CONTROL SYSTEM FOR PLANT

| | |
|---|---|
| (51) International classification | :A61M |
| (31) Priority Document No | :2011-171049 |
| (32) Priority Date | :04/08/2011 |
| (33) Name of priority country | :Japan |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

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**3)SEKIAI TAKAAKI**
**4)FUKAI MASAYUKI**
**5)SHIMIZU SATORU**

(57) Abstract :
In order to provide adaptation and optimization control of a plant, a control system automatically calculates the operating procedure of operating variables used in the control of the plant to minimize the influence of the interaction of the operating variables . The control system includes a control logic database, a control signal generation unit which provides a plurality of control signals to the plant by performing a plurality of logical operations and changes the magnitude of the operating variable by performing the change ordering of other operating variables related to the particular operating variable according to the operating procedure of the operating variables that is obtained in an operating procedure calculation unit, and an operating procedure calculation unit which calculates the delay time in the logical operation until the logical operation result of a first operating variable and a second operating variable are added for each operating variable to determines the operating procedure of the operating variables.

No. of Pages : 88 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2012

(21) Application No.2456/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : LUMINESCENT SOLAR CONCENTRATOR COMPRISING DISUBSTITUTED BENZOTHIADIAZOE COMPOUNDS •

(51) International classification :C07C
(31) Priority Document No :MI2011A001520
(32) Priority Date :08/08/2011
(33) Name of priority country :Italy
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)GABRIELE BIANCHI**

(57) Abstract :
Luminescent solar concentrator (LSC) comprising at least one disubstituted benzothiadiazole compound having general formula (I): wherein: - R1, R2, R3, R4, R5, R6 and R7, equal to or different from each other, represent a hydrogen atom; or they are selected from linear or branched C1-C20, preferably C1- C10, alkyl groups, cycloalkyl groups optionally substituted, aryl groups optionally substituted, linear or branched C1-C20, preferably C1-Clo, alkoxyl groups, optionally substituted; or R1 andR2,-can be optionally bound-to-ea,-Ii other so as to form, together with the carbon atoms to which they are bound, a cycle or a polycyclic system containing from 3 to 14, preferably from 4 to 6 carbon atoms, saturated, unsaturated, or aromatic, optionally containing one or more heteroatoms such as, for example, oxygen, sulfur, nitrogen, silicon, phosphorous, selenium; - or R3 and R4, can be optionally bound to each other so as to form, together with the carbon atoms to which they are bound, a cycle or a polycyclic system containing from 3 to 14, preferably from 4 to 6, carbon atoms, saturated, unsaturated, or aromatic, optionally containing one or more heteroatoms such as, for example, oxygen, sulfur, nitrogen, silicon, phosphorous, selenium; - or R5 and R6, can be optionally bound to each other so as to form, together with the carbon atoms to which they are bound, a cycle or a polycyclic system containing from 3 to 14, preferably from 4 to 6, carbon atoms, saturated, unsaturated, or aromatic, optionally containing one or more heteroatoms such as, for example, oxygen, sulfur, nitrogen, silicon, phosphorous, selenium; - or R6 and R7, can be optionally bound to each other so as to form, together with the carbon atoms to which they are bound, a cycle or a polycyclic system containing from 3 to 14, preferably from 4 to 6, carbon atoms, saturated, unsaturatedž or aromatic, optionally, containing one or more heteroatoms such as, for example, oxygen, sulfur, nitrogen, silicon, phosphorous, selenium.

No. of Pages : 33 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/05/2012

(21) Application No.1511/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DEVICE FOR SHAVING WATER AND PREVENTING INCRUSTATION IN FAUCETS

(51) International classification :A61M
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)RADOMIR BOZEK**

(57) Abstract :
Device for saving water and preventing incrustation in faucets, the device being accommodated in the sleeve (28), which is affixed to the outlet portion of a faucet and comprises the bushing (11) provided with the peripheral orifices (13) serving as supplementary water aerating inlets, where the bushing (11) accommodates the ring (8) having an at least partly conical inner surface (10), the inner wall of the ring (8) encircling the impact face (6) of the distributing element (5) provided with peripheral through holes, the device further comprising a distributing collar (7) disposed below the impact face (6) and protruding towards the base (14) of the bushing (11) and the regulator (1) arranged above the impact face (6) of the distributing element (5), the regulator (1) being provided with flow-through slits (3) in its bottom portion and with a groove for accommodating at least one flexible o-ring (2), the device further comprising the screen (29) arranged above the regulator (1). Fig. 1

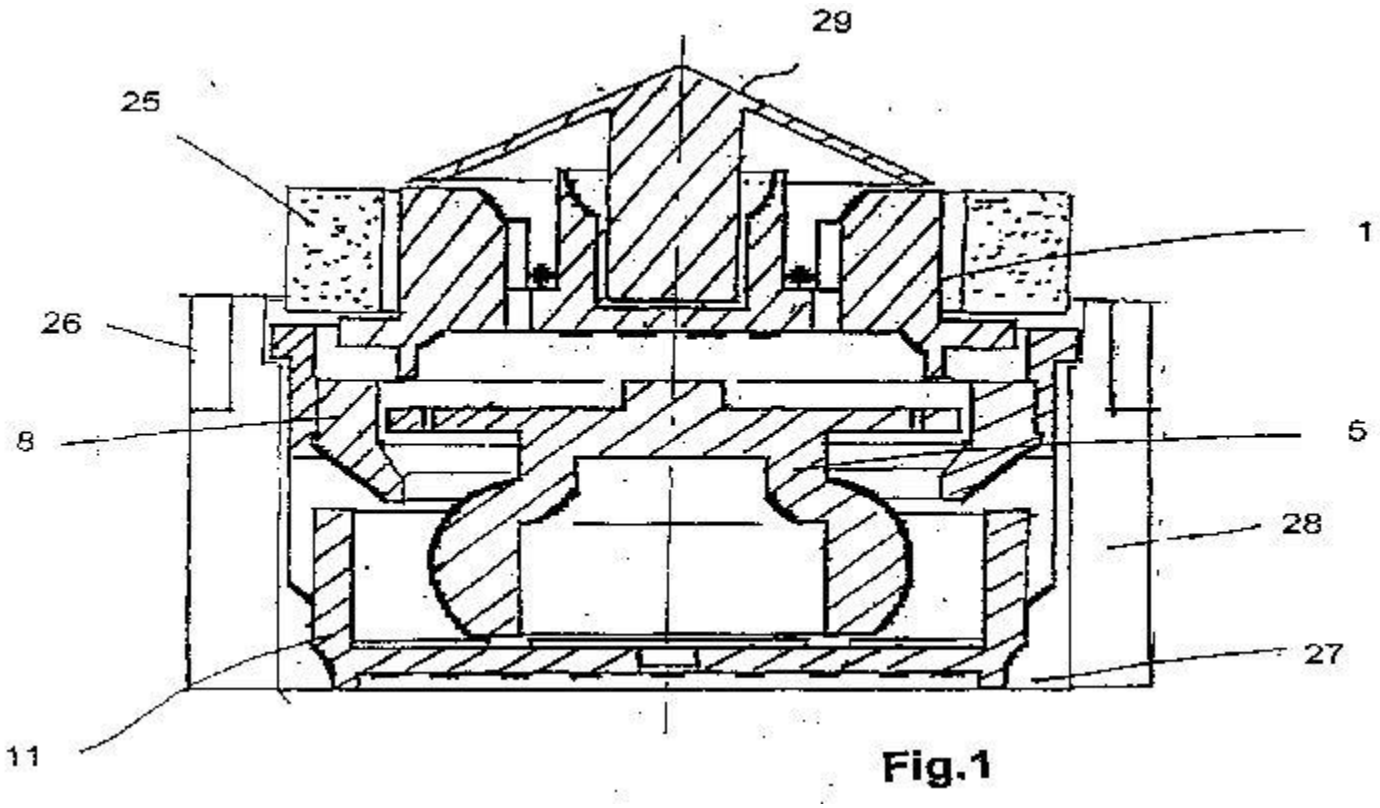


Fig.1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/05/2012

(21) Application No.1512/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DRAIN APPARATUS

(51) International classification :A61M
(31) Priority Document No :13/113013
(32) Priority Date :20/05/2011
(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

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**2)STOREY, JAMES MICHAEL**
**3)GAUTHIER, ROBERT HENRI**

(57) Abstract :
In one embodiment, a system is provided, including a plug removal shield (44). The plug removal shield (44) further includes a tube (68) configured to surround a plug (38) retaining a fluid volume, and a mount (52) configured to hold the tube (68) relative to the plug (38). The tube (68) includes a port (74) configured to pass a plug removal tool (46) into proximity with the plug (38).

No. of Pages : 24 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012

(21) Application No.1640/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A METHOD AND APPRATUS FOR CONTROLLING THE ENGAGEMENT OF A CLUTCH

(51) International classification :F16B
(31) Priority Document No :1109670.8
(32) Priority Date :09/06/2011
(33) Name of priority country :U.K.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)PETRIDIS, THEMI PHILEMON**
**2)HALLERON, IAN**
**3)BRITTLE, PETER GEORGE**
**4)ROBEKOWSKI, MARTIN**

(57) Abstract :
A method and apparatus for controlling the engagement of a clutch 3, 53 of a motor vehicle 1, 51 is disclosed in which, if a transmission ratio of a manual transmission 5 selected for the engagement is currently unsuitable, the engagement of the clutch 3, 53 is inhibited. The engagement of the clutch 3, 53 may be inhibited by preventing engagement of the clutch until a speed of an engine 2 driveably connectable to the manual transmission 5 is predicted to fall with a predefined speed range.

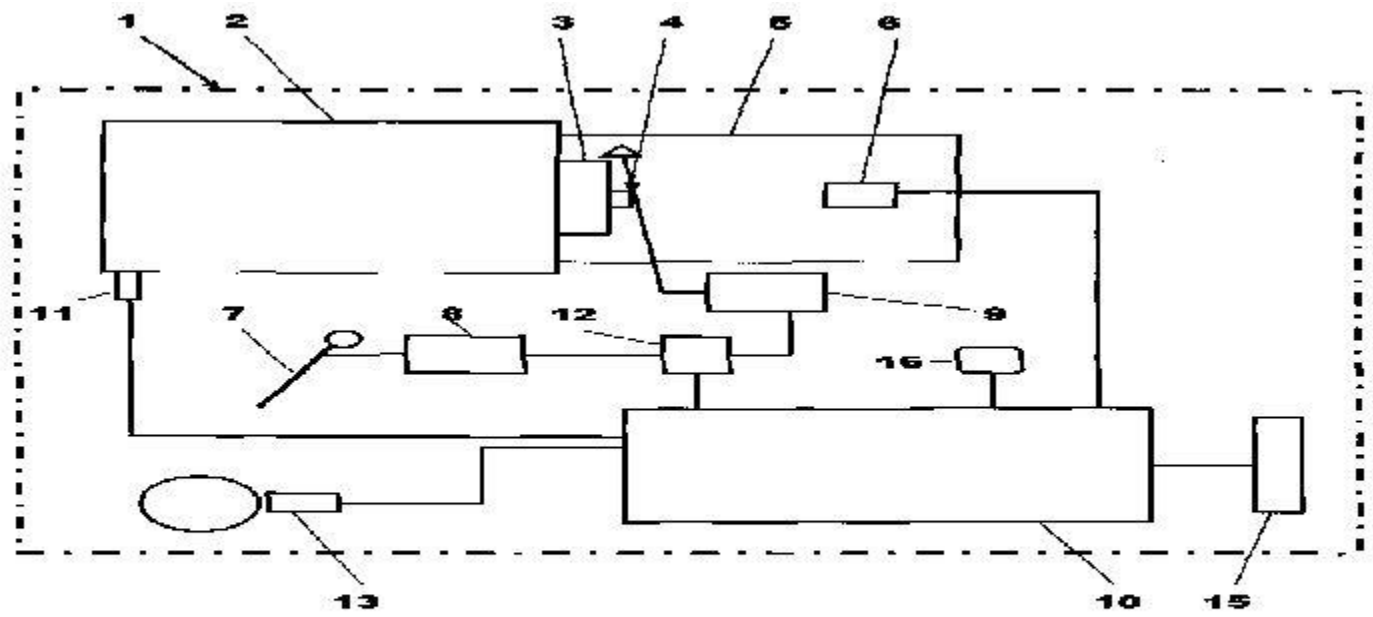



Fig-1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012

(21) Application No.1641/DEL/2012 A
(43) Publication Date : 04/12/2015

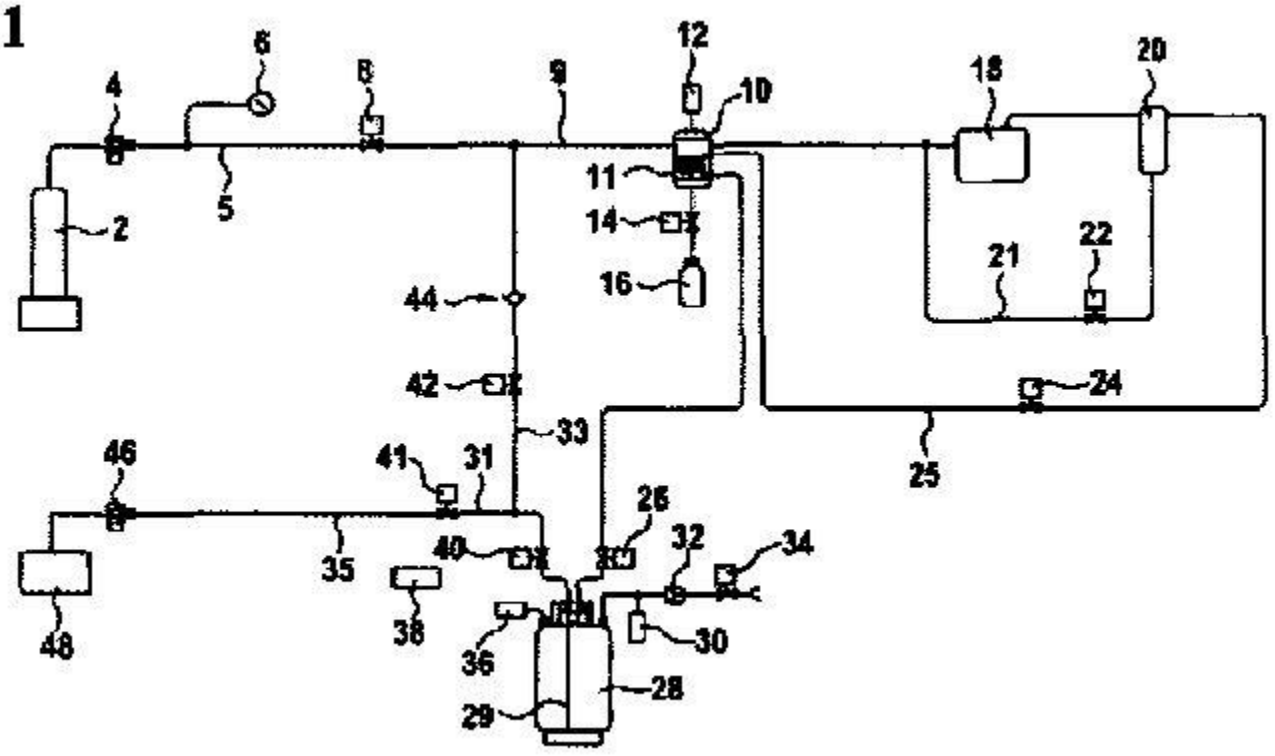
(54) Title of the invention : REFRIGERATION SYSTEM AND METHOD OF OPERATING A REFRIGERATION SYSTEM

(51) International classification :C07C
(31) Priority Document No :11178644.8
(32) Priority Date :24/08/2011
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)ROBERT BOSCH GMBH**
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(72)**Name of Inventor :**
**1)CORDING, LOUIS**

(57) Abstract :
A method of operating a filling system, which is configured for transferring a refrigerant to a refrigeration system (48), the filling system comprising a receiver (28) for collecting a refrigerant-air-mixture has been described. The method includes determining a saturation pressure of the refrigerant at actual environmental conditions; determining an air pressure of the refrigerant-air-mixture within the receiver (28); and stopping the operation of the system and/or issuing an alarm when the air pressure of the refrigerant-air-mixture within the receiver (28) exceeds the saturation pressure of the refrigerant by more than a predetermined margin, or when the change of the air pressure of the refrigerant-air-mixture within the receiver (28) over time exceeds a predetermined margin.

Fig. 1




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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/08/2012

(21) Application No.2505/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : VARIABLE TEMPERATURE CHILLER COILS

(51) International classification :C07C
(31) Priority Document No :13/215,583
(32) Priority Date :23/08/2011
(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)General Electric Company**
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(72)**Name of Inventor :**
**1)DESAI Bhalchandra Arun**
**2)SULLIVAN Michael Adelbert**
**3)VU Huong Van**
**4)LAFONTAINE Eric Milton**
**5)COURNOYER Mark Andrew**

(57) Abstract :
A chiller coil system for an asymmetric gas turbine filter house includes a plurality of chiller coil modules arranged in a substantially vertical array each chiller coil module provided with a cooled fluid inlet pipe and a fluid outlet pipe. Each outlet pipe is connected to a common return pipe and at least some of the inlet pipes are connected to the common return pipe. A mixing control valve is provided for controlling an amount of cooling fluid in the common return pipe to be added to at least some of the inlet pipes.

No. of Pages : 15 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2012

(21) Application No.1420/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : INJECTOR FOR A VACUUM VAPOUR DEPOSITION SYSTEM

(51) International classification :A61M
(31) Priority Document No :11305604.8
(32) Priority Date :18/05/2011
(33) Name of priority country :EUROPEAN UNION
(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)RIBER**
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(72)**Name of Inventor :**
**1)JEAN-LOUIS GUYAUX**
**2)FRANCK STEMMELEN**
**3)CHRISTOPHE DE OLIVEIRA**

(57) Abstract :
The present invention concerns an injector for a vacuum vapour deposition system, said injector comprising an injection duct suitable for receiving vaporized materials from a vacuum evaporation source and a diffuser comprising a plurality of nozzles for diffusing said vaporized materials into a vacuum deposition chamber, each nozzle comprising a channel suitable for connecting said injection duct to said deposition chamber. According to the invention, said diffuser has a spatially varying nozzle distribution. The invention also concerns a process for calibrating an injector and a process for manufacturing a diffuser for an injector.

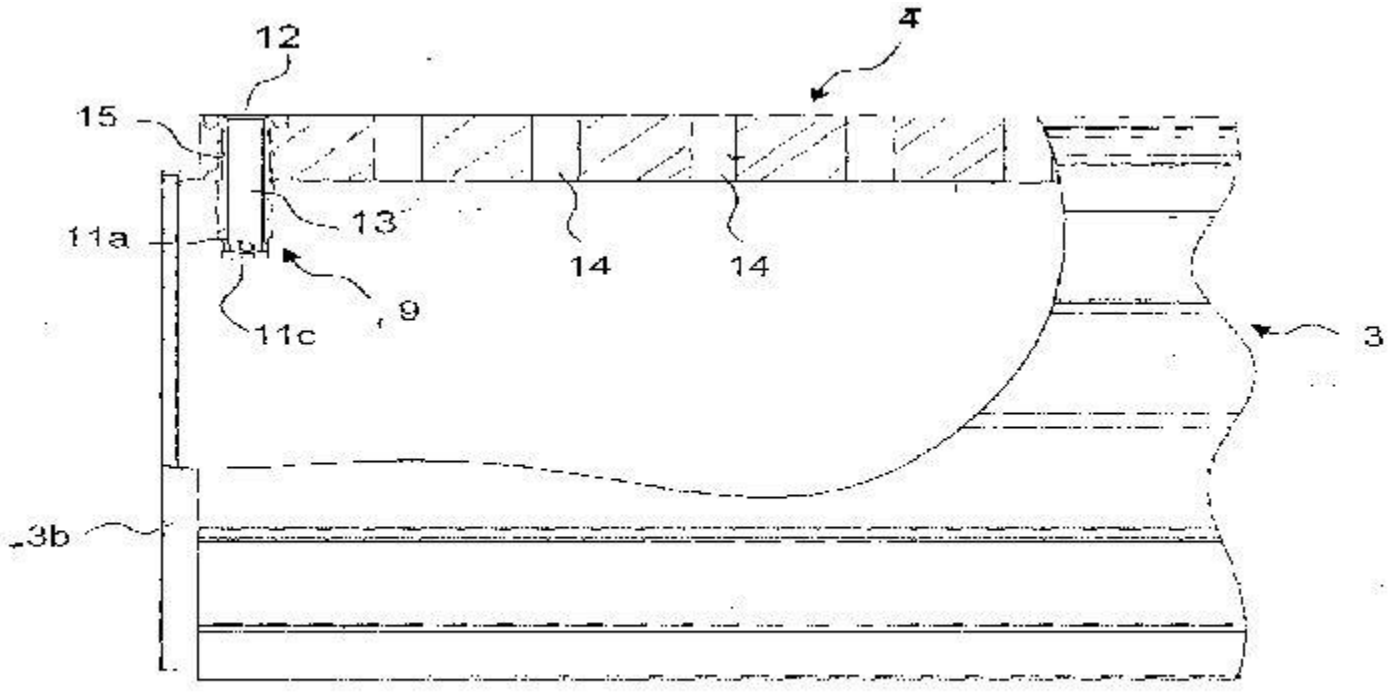



Figure 8

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.1614/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SURGICAL FASTENER APPLYING APPARATUS

(51) International classification :A61B
(31) Priority Document No :61/494,967
(32) Priority Date :09/06/2011
(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)TYCO HEALTHCARE CROUP LP**
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(72)**Name of Inventor :**
**1)PATANKAR, MANGESH**
**2)GUPTA, ARVIND KUMAR**

(57) Abstract :
A surgical fastener applying apparatus for applying fasteners to body tissue. The apparatus includes a clamping lever including a cantilevered locking member for engaging a catch member positioned at the proximal portion of a cartridge receiving half-section of the apparatus to retain the clamping lever in a clamped position. The clamping lever can include a protrusion which is receivable in a depression on the cartridge receiving half-section. The apparatus includes a disposable firing assembly and cartridge.

No. of Pages : 53 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/06/2012

(21) Application No.1899/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FLOW PATTERN TRANSITION PIPE

(51) International classification :F16BG
(31) Priority Document No :201110165304.X
(32) Priority Date :20/06/2011
(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)GENERAL ELECTRIC COMPANY**
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(72)**Name of Inventor :**
**1)HU, LISHUN**
**2)CHEN, WEI**

(57) Abstract :
A flow pattern transition pipe for use in a pneumatic conveyance system is provided. The flow pattern transition pipe comprises a first expansion pipe section gradually increasing in inner diameter in an axial direction, a second shrink pipe section following the first section from a maximum inner diameter end of the first section and gradually reducing in inner diameter in an axial direction away from the first section, and a third pipe section following the second section from a minimum inner diameter end of the second section, with a substantially identical inner diameter smaller than a minimum inner diameter of the first section. A length of the first section is from about 3 to about 5 times of the second section.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2012

(21) Application No.2377/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : TO OBTAIN ENERGY THROUGH ATMOSPHERIC PRESSURE HEAT BY OCCUMULATING GASES (MATTER) & ENERGY (HEAT, LIGHT ETC.) OBTAINED FROM BURNING DIESEL, PETROL, KEROSENE, C.N.G. ETC. FLAMMABLE MATTER WITH ATMOSPHERIC GASES ALONGWITH THE PROCESS OF CONVERTING AGAIN INTO DIESEL, PETROL, KEROSENE, C.N.G. & ATMOSPHERIC GASES (OXYGEN ETC.) BY GIVING LOW HEAT PRESSURE IN SHORT WE CAN SAY THAT WE HAVE TO OPERATE ENGINE THROUGH ATMOSPHERIC HEAT PRESSURE.

| | |
|---|---|
| (51) International classification | :C07C |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

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(72)**Name of Inventor :**
**1)SADHOO SINGH**

(57) Abstract :
There is no pollution from this machine. A special thing about this machine is that in it burned diesel+energy (heat etc.) combine on low heat again to make diesel i.e. energy is converted to matter & the biggest speciality is that to work with this machine the machine does not require fuel i.e. works without fuel because it will take energy from atmospheric pressure heat in the form of fuel and will give continuous energy without spending any fuel. Although some fuel is given to the machine to complete its process but is is never spent because it is obtained again & again after being spent again & again.

No. of Pages : 6 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.2526/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : USER INTERFACE FEATURE FOR DRUG DEIVERY SYSTEM •

(51) International classification :A61B
(31) Priority Document No :13/210,530
(32) Priority Date :16/08/2011
(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 :**
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**1)PAUL J. NIKLEWSKI**
**2)JAMES F. MARTIN**
**3)DONN C. MUELLER**
**4)DAVID Q. FENG**
**5)ROSS G. KROGH**
**6)HEMANT JAMPALA**

(57) Abstract :
A medical system includes a monitoring unit and a drug delivery unit. The monitoring unit is operable to monitor at least one physiological parameter of a patient. The drug delivery unit includes an integral volume of a drug. A control logic is in communication with the monitoring unit and the drug delivery unit and is operable to regulate delivery of the drug to the patient from the integral volume, based on data associated with the at least one physiological parameter of the patient, in accordance with a safety shell control algorithm. A user interface feature is operable to receive input indicating administration of an external drug to the patient. The safety shell control algorithm responds to inputs received through the user interface feature indicating administration of an external drug to the patient, such as by modifying subsequent drug delivery regulation based on the administration of the external drug.

No. of Pages : 91 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/06/2012

(21) Application No.1900/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : RETENTION SYSTEMS

(51) International classification :F16B
(31) Priority Document No :P201100706
(32) Priority Date :21/06/2011
(33) Name of priority country :Spain
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)GAMESA INNOVATION & TECHNOLOGY, S.L.**
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(72)**Name of Inventor :**
**1)SANCHEZ GARCIA, FERNANDO**
**2)ZABALA ZABALA, JOSE MA**
**3)FERNANDEZ SISON, ALFREDO**

(57) Abstract :
Lubricant retention system in oil baths already existing in a gearbox, mounting an oil screen (7) that, at its upper part, stops the passage of oil from the first stage (5) to the second stage (6) using a system formed by a radial joint (14) that makes radial contact with a bushing (15) that turns together with the gearbox shaft and, to keep it from rotating, is furnished with an angular locking system (16). The second retention system mounts an oil screen (7), which in its rear part closes off the passage of oil from the first stage (5) to the oil deposit through the main collector (13) during rotation without current by means of a receptacle/tray (12) welded to the screen (7) at the existing opening or window (10) for communication on this screen.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/06/2012

(21) Application No.1901/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND SYSTEM FOR WIND TURBINE START-UP IN WEAK GRID

(51) International classification :A47J
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)THANGAMANI, ARUNVEL**
**2)JAMPANA, BAPIRAJU**
**3)AGUDO ARAQUE, ANDRES**

(57) Abstract :
The present invention provides a method for start-up of a wind turbine in a wind farm the method includes the steps of providing a wind farm with a plurality of wind turbines, wherein at least one wind turbine is delivering power and is connected to an grid of the wind farm, at least one wind turbine of the plurality of wind turbines is incoming and is scheduled to connect with the grid, providing at least one energy storage device for storing power produced by the power delivering wind turbine, monitoring cut in speed of the incoming wind turbine; charging the energy storage device from the power delivering wind turbine when the cut in speed is adequate to start up the incoming wind turbine, and starting up the incoming wind turbine by furnishing power from the energy storage device to auxiliaries of the incoming wind turbine, wherein the power required for start-up of the incoming wind turbine is calculated by taking into account rotor size, design and type of generator of the incoming wind turbine along with the power requirements of the auxiliaries. A system for start-up of a wind turbine in a wind farm is also provided.

No. of Pages : 38 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.2530/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : STRUCTURE OF VEHICLE BODY FRONT PART

(51) International classification :B67B
(31) Priority Document No :2011-223899
(32) Priority Date :11/10/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)MOCHIZUKI, SHINEI**

(57) Abstract :
In this invention, a first flange 14a that extends upward or downward is provided on a side wall face 14 on an outer side in a vehicle width direction of a side member 2. A second flange 31a extends from an upper side brace 8 or a lower side brace 9 at a position on an opposite side in the vertical direction to the first flange 14a on the side wall face 14 on the outer side in the vehicle width direction of the side member 2. The first flange 14a is attached to the upper side brace 8 or the lower side brace 9, and the second flange 31a is attached to the side wall face 14 on the outer side in the vehicle width direction of the side member 2. [Selected Drawing] FIG. 1

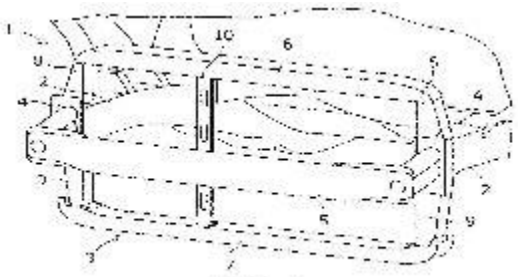


FIG. 1

No. of Pages : 42 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.2531/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD, DEVICE AND SYSTEM FOR MONITORING SUBSEA COMPONENTS

(51) International classification :G06Q
(31) Priority Document No :13/221,065
(32) Priority Date :30/08/2011
(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

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(72)**Name of Inventor :**
**1)EBENEZER, JOSEPH PREM**

(57) Abstract :
A system, device and method of monitoring components of a BOP of a subsea well. The method includes grouping, by the control device, two or more of a plurality of BOP components into a test group; receiving, by the control device, one or more actual BOP component profiles from the grouped BOP components in the test group; and analyzing, by the control device, the received one or more actual BOP component profiles. The two or more BOP components may be solenoid valves, flow meters, transducers, other devices, or a combination therein. The method includes grouping, by the control device, two or more of a plurality of BOP components into a test group; receiving, by the control device, one or more actual BOP component profiles from the grouped BOP components in the test group; and analyzing, by the control device software for the testing Pods, the received one or more actual BOP component profiles.

No. of Pages : 39 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/05/2012

(21) Application No.1532/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CONTROL DEVICE OF A MOTOR VEHICLE

(51) International classification :H02J
(31) Priority Document No :10 2011 051 690.5
(32) Priority Date :08/07/2011
(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

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(72)**Name of Inventor :**
**1)BERND MULLER**
**2)JURGEN SCHORN**
**3)MICHAEL REINHARDT**

(57) Abstract :
A control device of a motor vehicle having a noise transmission system (10) and an exhaust system (34), wherein the noise transmission system (10) has, for manipulating ah interior noise of the motor vehicle, at least one intake noise transmission device (11) which can be coupled via a first tubular connecting element (12) to an air intake pipe (13) leading to an internal combustion engine, the first tubular connecting element (12) being assigned a switchable shut-off device (18), and which can be coupled via a second tubular connecting element (14) to a vehicle interior, wherein the exhaust system has at least one switchable shut-off device for manipulating an exterior noise of the motor vehicle, and wherein the control device manipulates the operation of the noise transmission system (10) and of the exhaust system jointly as a function of an actuation of a- common operating element (25) by the driver.

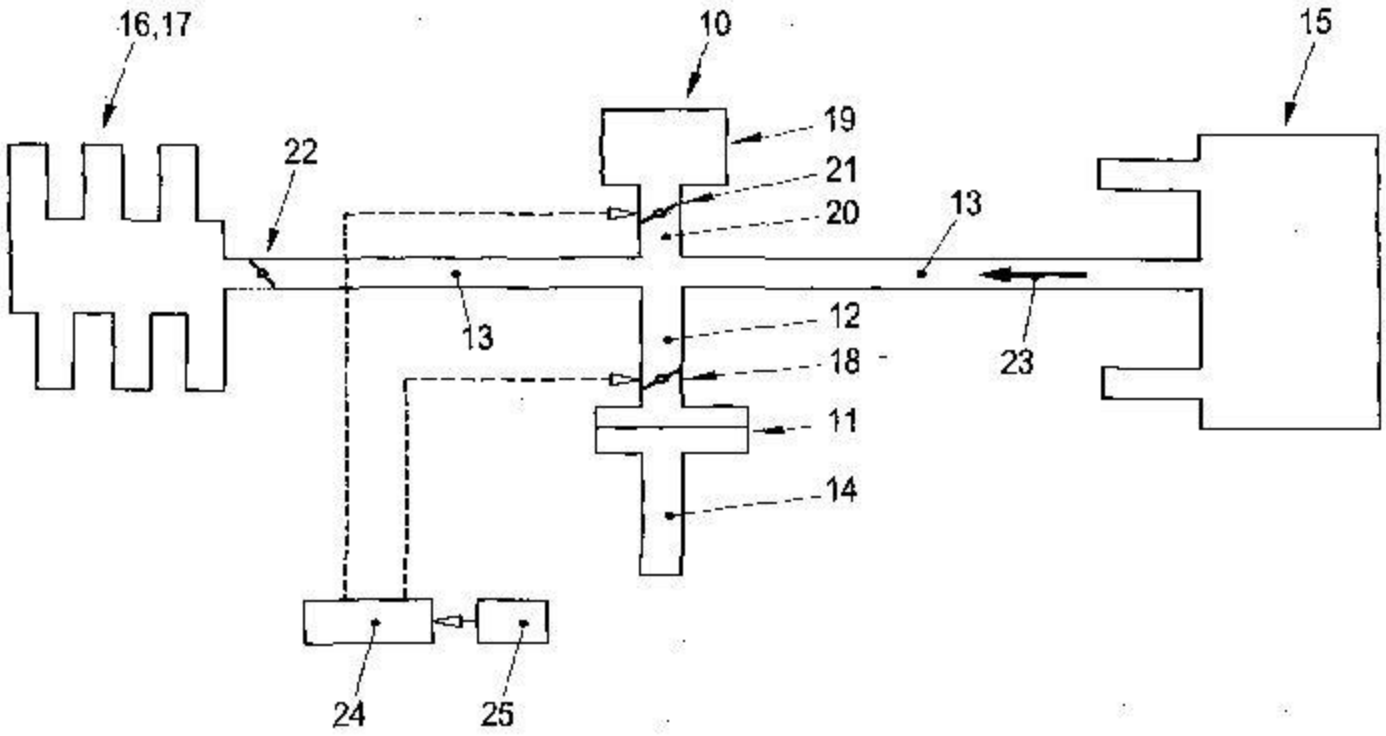



Fig. 1

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.1600/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : APPARATUS AND METHODS TO DISABLE AN ELECTRIC VEHICLE

(51) International classification :H02J
(31) Priority Document No :13/117322
(32) Priority Date :27/05/2011
(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

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(72)**Name of Inventor :**
**1)LAFRANCE RYAN MARC**

(57) Abstract :
A security device (112) for use with an electric vehicle (102) is provided. The security device includes a processor (214) that is programmed to receive at least one signal representative of a disconnection between a charging station (104) and a battery within the electric vehicle. The processor is further programmed to generate a command signal based on the signal. Moreover, the security device includes a control module (120) that is coupled to the processor, wherein the security device is configured to receive the command signal. The control module is also configured to transmit a control signal to lock the battery to render the electric vehicle inoperable when the disconnection between the charging station and the battery is performed by an unauthorized user.

No. of Pages : 25 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2012

(21) Application No.2388/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : STAPLER

(51) International classification :A47J
(31) Priority Document No :2011-176900
(32) Priority Date :12/08/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)JYUN MAEMORI**
**2)TOMOKAZU NAGATA**

(57) Abstract :
A stapler (1A) is provided with a magazine (2A), a pusher (3A, 3B) for pressing staples (10), a pusher-spring (4) for urging the pusher (3A, 3B), a driver (6) for separating the staples (10) in the magazine one by one so and for driving the separated staple (10), an upper handle (7) to which the driver (6) is provided, and a lower handle (8) to which a clincher for bending legs (1Ob) of a staple (10) penetrating through paper sheets is provided and on which the magazine (2A, 2B) and the upper handle (7) are rotatably supported.

No. of Pages : 62 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.2533/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : THE DEVICES, METHODS AND SOFTWARE ROLLING CONTROL

(51) International classification :F16B
(31) Priority Document No :2011-215346
(32) Priority Date :29/09/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)HATTORI SATOSHI**

(57) Abstract :
There is disclosed a rolling mill (1) performing reverse rolling and permitting shape control of a rolled material (A) even if a shape meter (107) for measuring the shape of the material is mounted on only one side of the mill. Prediction values of the shape of the material (A) at plural values spaced apart in the width direction of the material are calculated, based on an entrance side strip thickness being a strip thickness of the material (A) obtained before it is rolled, on an exit strip thickness being a strip thickness of the material (A) obtained after it has been rolled, on an average value of the entrance side strip thickness, and on an average value of the exit side strip thickness. During forward-rotation rolling, the shape of the material (A) measured by the shape meter is compared with a target value. Thus, the shape deviation of the material (A) is calculated. During reverse-rotation rolling, prediction values of the shape are compared with the target value, thus calculating the shape deviation. Controlled variables for controlling rolls are so determined based on the calculated shape deviation that the difference between the shape of the material (A) and the target value is corrected.

No. of Pages : 29 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/06/2012

(21) Application No.1913/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : WHOLE SUGARCANE STICKS CUTTING ARRANGEMENTS OF AUTOMATIC SUGARCANE PLANTER FOR PLANTING SUGARCANE

(51) International classification :A01B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)SANJAY KUMAR**
(72)**Name of Inventor :**
**1)MALKEET SINGH**
**2)SANJAY KUMAR**

(57) Abstract :
A whole sugarcane stick cutting arrangements of automatic sugarcane planter for planting sugarcane is a device for cutting of whole sugarcane into seeds which comprises of a gear box, four shafts, three different types mounting brackets and six sets of cutting roller mounted on shafts, out of which, one long shaft has three cutting rollers together, mounted with the help of brackets, bearing, oil seal at specific distance as per recommendation of agronomists to maintain the row to row distance of sugarcane plant in the field and rest three cutting rollers are mounted at individual independent shafts which are rotating opposite to the long shaft, meshed with the three cutting rollers of long shaft and pitch of the respective knives matched to cut the sugarcane stick in to required length. In addition to this, six gears are designed to provide the power to rotate all the four shafts at specific speed on which cutting rollers are mounted, out of six gears three gears are mounted at long shaft and other three counter gears having different pitch and diameter are mounted on three individual shafts. It comprises of- a. A cutting roller comparison with five rubber bushes and a beveled edged cutting knife designed for cutting of whole sugarcane stick into length of up to 40 cm billets. b. Four number of shaft are designed for mounting the gears, couplings and cutting roller devices to cut the said sugarcane stick in to billet. Page 15 of 28 c. Means for mounting the cutting devices for cutting the sugarcane into billets i.e. different types of brackets (with and without bore), oil seal and bearing. d. A power train arrangement that provide required and necessary power to accomplish all the unit operations though transmitting the driving force by gears and couplings to grip and cut the whole sugarcane into billets at required seed discharge rates.

No. of Pages : 28 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/06/2012

(21) Application No.1914/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : 3-SBUSTITUTED-3-HYDROXY OXINDOLES AND PROCESS FOR PREPARING THEREOF

(51) International classification :C07C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH**
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(72)**Name of Inventor :**
**1)MANDAPATI MOHAN RAO**
**2)PARVATHANENI SAI PRATHIMA**

(57) Abstract :
The present invention relates to expedient method for synthesis of 3-substituted-3-hydroxy-oxindole derivatives, which are useful as synthetic precursors to valuable pharmaceutical compounds. These are synthesized from the corresponding isatins of formula (I) wherein R can be H, CH3, allyl, benzyl, substituted benzyl and R1 can be H, alkyl, nitro, OCF3, halogens at C5 and C7 positions. In this process reaction of isatins was carried using water as a solvent at room temperature to form the corresponding 3-hydroxy-3-nitromethylindolin-2-ones of formula (II).

No. of Pages : 25 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2012

(21) Application No.2561/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : THREE-WAY VALVE WITH TOP END-STOP ON THE AIR PATHWAY

(51) International classification :B27G
(31) Priority Document No :1157463
(32) Priority Date :23/08/2011
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)HODEBOURG GREGORY**
**2)ADENOT SEBASTIEN**

(57) Abstract :
Three-way valve with two flaps comprising single control means (9) for the two flaps and actuation means (12, 13, 50) arranged each to drive, pivotwise, one of the two flaps, from one to the other of its open and closed position of one of the pathways, with a temporal phase-shift, characterized in that it comprises maximum displacement end-stops for each of said actuation means, the end-stop (31) of the second actuation means (12, 50) corresponding to a fully closed position of its flap and the end-stop of the first actuation means (13) being positioned beyond the position of said first actuation means when the second actuation means (12, 50) is on its end-stop (31), the kinematic chains linking the first and second actuation means to the single control means operating nominally. Figure for the abstract: Figure 10

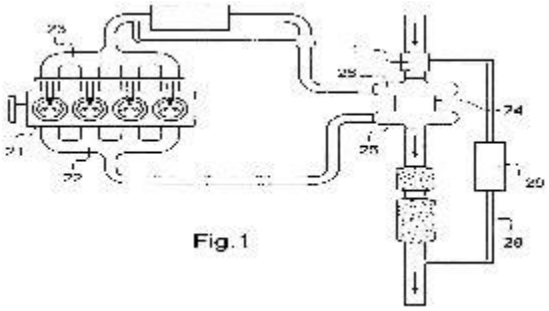


Fig.1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2012

(21) Application No.1460/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYSTEMS, METHODS, AND APPARATUS FOR UTILITY COMMON POOL DATABASE

| | |
|---|---|
| (51) International classification | :H04L 29/06 |
| (31) Priority Document No | :13/107120 |
| (32) Priority Date | :13/05/2011 |
| (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 |

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(72)**Name of Inventor :**
**1)KAVITHA, ANDOJI**
**2)MOHAN, VINOTH KUMAR**
**3)ROBINSON, PHILLIP**

(57) Abstract :
Certain embodiments of the invention may include systems, methods, and apparatus for providing for utility common pool database. According to an example embodiment of the invention, a method is provided for utilizing a common pool database. The method may include transmitting, by one or more networks (120), one or more queries comprising location data (130) from a mobile device (124) to a server (102) in communication with a database (122); receiving, from the database (122) by the one or more networks (120), localized field information (130, 132, 134,136) based at least in part on the one or more queries; and outputting the localized field information (130, 132, 134, 136) via the mobile device (124).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/05/2012

(21) Application No.1529/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ELEVATOR DOOR CONTROL APPARATUS

| | |
|---|---|
| (51) International classification | :H02J |
| (31) Priority Document No | :2011-112461 |
| (32) Priority Date | :19/05/2011 |
| (33) Name of priority country | :Japan |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | :NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)**Name of Applicant :**
**1)TOSHIBA ELEVATOR KABUSHIKI KAISHA**
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(72)**Name of Inventor :**
**1)WATANABE HISAO**

(57) Abstract :
According to one embodiment, a speed control unit outputs a torque command value to make the rotation speed of a door drive motor accord with a speed command. A current control unit controls the current supplied to the door drive motor in accordance with the torque command value output from the speed control unit. A torque limiter is provided between the speed control unit and the current control unit and limits the outputting of the torque command. A torque limiter control unit switches the torque limiter from a first limit value set in accordance with a rated torque of the door drive motor to a second limit value smaller than the first limit value, after acceleration of a door is completed from a start of door closing or after the car door finishes traveling the first one-third of total excursion of the door closing.

No. of Pages : 37 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.1595/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ELECTRICAL MACHINE COMPONENT MOUNTING APPARATUS

(51) International classification :H05K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)OZTURK, OZGEN**

(57) Abstract :
A mounting apparatus includes a channel assembly (406) having side members (405) defining opposing channels (407), a first mount block (202) member slidably engaging the opposing channels (407), a second mount block (202) member slidably engaging the opposing channels (407), a first end member disposed at a first distal end of the channel assembly (406), and a second end member disposed at a second distal end of the channel assembly (406).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2012

(21) Application No.1873/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ROTOR STRUCTURE INCLUDING AN INTERNAL HYDRAULIC TENSION DEVICE

(51) International classification :F16B
(31) Priority Document No :1155283
(32) Priority Date :16/06/2011
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)THERMODYN**
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(72)**Name of Inventor :**
**1)GUENARD, DENIS**

(57) Abstract :
Rotor structure including a plurality of wheels (2), a main axial tie rod (3) passing through the plurality of wheels (2) and two shafts (4, 5) each attached to one extremity of the main tie rod (3). The main tie rod (3) and the bore (16) of an end wheel (2d) in contact with one of the shafts (5) delimit a chamber (13) designed to receive a hydraulic fluid, the main tie rod (3), the hydraulic chamber (13) and said end wheel (2d) forming an internal hydraulic tension device (10) designed to preload the main tie rod (3).

No. of Pages : 20 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2012

(21) Application No.2748/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR OPERATING A COMBINED CYCLE POWER PLANT

(51) International classification :B60R
(31) Priority Document No :11180391.2
(32) Priority Date :07/09/2011
(33) Name of priority country :EUROPEAN UNION
(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)ALSTOM TECHNOLOGY LTD**
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(72)**Name of Inventor :**
**1)SCHLESIER, JAN**
**2)OLIA, HAMID**
**3)SCHOENENBERGER, MARTIN**
**4)LIEBAU, MARTIN**

(57) Abstract :
The invention refers to a method for operating a combined cycle power plant (10), which comprises a gas turbine (11) and a steam turbine (23) which, via a connected electric generator (18, 24) in each case, generate alternating voltage of an assigned frequency and deliver it to an AC network (28), wherein the flue gas (21) of the gas turbine (11) is used for producing steam for the steam turbine (23). A reliable and flexible network restoration during a black start is achieved by, in a first step, in island mode, internal consumers being supplied by the gas turbine (11), wherein the operating point of the gas turbine (11) is selected so that a minimum steam temperature is achieved for the steam turbine (23), in a second step, in island mode, the steam turbine (23) being synchronized and ramped up to an operating point at which a maximum power increase can be achieved, wherein the resulting load change of the steam turbine (23) is compensated by the gas turbine (11), in a third step consumer loads being connected block by block, in a fourth step the increase in the demanded load being provided totally or partially and permanently or temporarily by the steam turbine (23), in a fifth step the load of the steam turbine (23) being gradually reduced for increasing its load-increasing capacity, and steps three to five being repeated until the base load of the combined cycle power plant (10) is achieved. (Fig. 1)

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.1610/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : VARIABLE EGR SYSTEM WITH INLINE PUMP IN ENGINE

(51) International classification :F04B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)VIKAS DHIMAN**
**2)SHAKTI KUMAR SINGH**

(57) Abstract :
This invention relates to variable EGR system with inline pump in engme comprising of a linkage joining hand and foot throttle connected to non contact type throttle control system which is provided in connection with electronic control unit (ECU) attached to an alternator for receiving RPM signal.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.1611/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DIVALENT CATION CONTAINING COMPOSITIONS AND METHODS FOR TREATING AND/OR PREVENTING ENZYMATIC IRRITATION

(51) International classification :A61K
(31) Priority Document No :13/170,264
(32) Priority Date :28/06/2011
(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

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**1)CONNIE B. LIN**
**2)EUEN THOMAS GRAHAM EKMAN GUNN**
**3)YA-PING HU**
**4)NEEMA KULKARNI**
**5)MARY CATHERINE MACK**

(57) Abstract :
Compositions and methods for treating and/or preventing conditions such as diaper rash and atopic dermatitis are disclosed. The compositions and methods are particularly useful in the treatment and prevention of diaper rash and diaper dermatitis caused by the prolonged contact of human skin with body waste. The methods employ the topical application of a trypsin-inhibiting agent to the area in need of such treatment, or the area where prevention is desired. The trypsin-inhibiting agent is preferably a divalent cation.

No. of Pages : 38 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.1612/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MOUNT FOR AN ELECTRICAL OR ELECTRONIC COMPONENT IN AN ENGINE COMPARTMENT OF A MOTOR VEHICLE

(51) International classification :F16B
(31) Priority Document No :102011050707.8
(32) Priority Date :30/05/2011
(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 :**
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(72)**Name of Inventor :**
**1)THOMAS SCHAAL**

(57) Abstract :
The invention relates to the mount for an electrical or electronic component (3) of a motor vehicle in an engine compartment of the motor vehicle, wherein the component (3) is mounted in a suspension cross-brace (1). In such a mount, it is proposed according to the invention that the component (3) be mounted suspended in the suspension cross-brace (1) and be additionally mounted on a motor vehicle splashboard which separates the engine compartment from a passenger compartment. Such a mount permits a relatively heavy and relatively large electrical or electronic component to be accommodated in the engine compartment and securely mounted there.

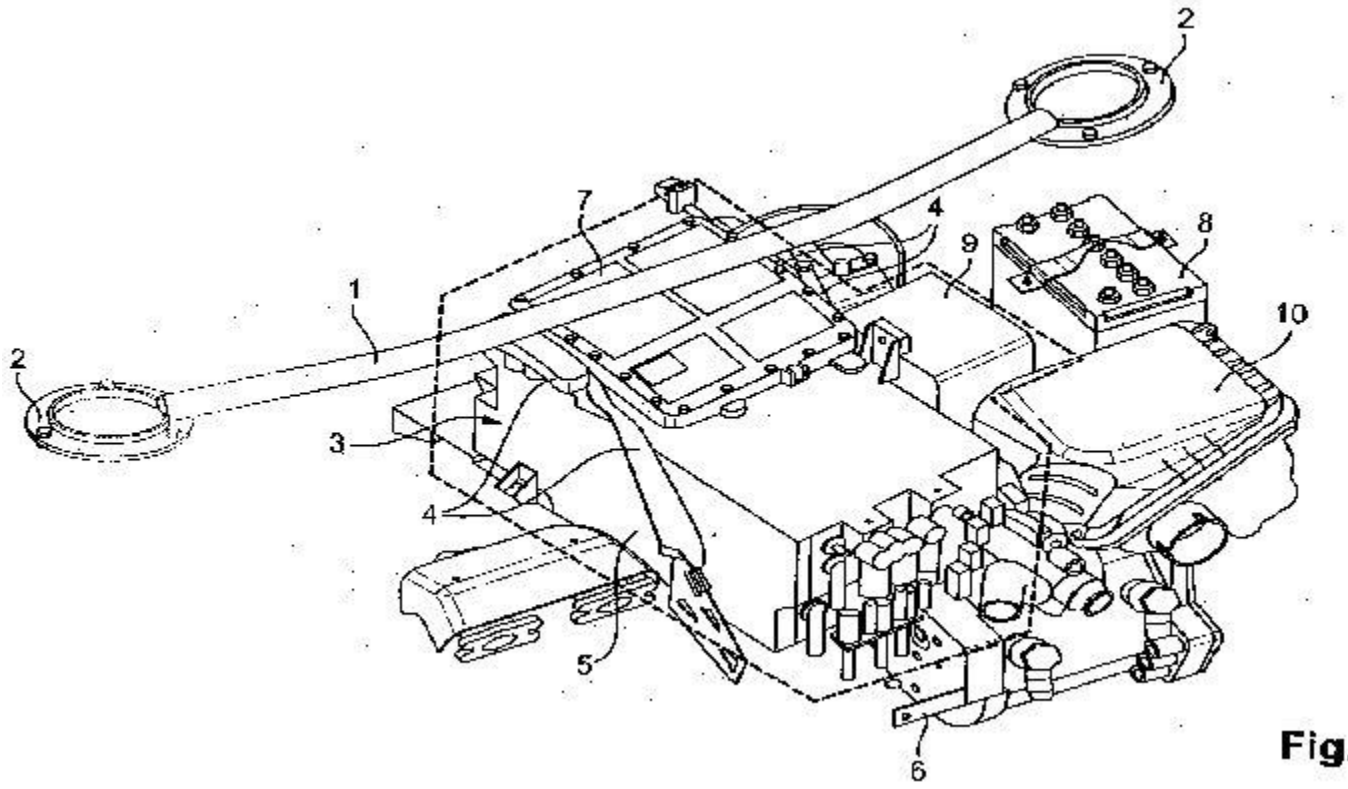



Fig. 1

No. of Pages : 9 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/06/2012

(21) Application No.1896/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A PICK-N-CARRY CRANE

(51) International classification :B23B
(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)ACTION CONSTRUCTION EQUIPMENT LIMITED**
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(72)**Name of Inventor :**
**1)ASHOK GUGLANI**

(57) Abstract :
This invention relates to a pick-n carry crane comprising of front and rear frame joined together, wherein a plurality of luff cylinders are mounted on the front frame and connected to boom assembly at a distance and a plurality of steering cylinders are mounted inside rear frame. The crane of the instant invention is associated with advantages of: Auto adjusted hook block, Multiple (one, two or three) extendable boom, Special profile jib head giving rise to maximum pin height, Safety system having no electrical wire or rope, to give audio-visual alarm in case of butting hook block with jib head together with machine cutoff and Ensures crane operator operates the machine without making any operation error.

No. of Pages : 24 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2012

(21) Application No.3702/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : RECYCLABLE ACOUSTIC ABSORBENT AND MANUFACTURING METHOD THEREOF

| | |
|---|---|
| (51) International classification | :B27F |
| (31) Priority Document No | :10-2012-0028853 |
| (32) Priority Date | :21/03/2012 |
| (33) Name of priority country | :Republic of Korea |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)**Name of Applicant :**
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**2)KIA MOTOR CORPORATION**
**3)IKSUNG CO., LTD.**
(72)**Name of Inventor :**
**1)KIM HYEON HO**
**2)CHOI JENONG-WOO**

(57) Abstract :
Disclosed is an acoustic absorbent including a fiber web formed of a melt-blown fiber and a polypropylene staple fiber, wherein the melt-blown fiber is prepared by melt-extruding a resin composition including a homo polypropylene and a 5 polypropylene-based elastomer. Tensile elongation of the acoustic absorbent is improved as the content of the polypropylene-based elastomer increases. Due to excellent fitting property, the acoustic absorbent has excellent fitting property and, thus, can be efficiently fixed in a product with a complicated surface appearance. Further, by using a predetermined content of a polypropylene-based elastomer, the 10 acoustic absorption performance of the acoustic absorbent is considerably improved. 40

No. of Pages : 49 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4636/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HONEYCOMB BODY DEVICES HAVING SLOT-SHAPED INTERCELLULAR APERTURES

(51) International classification :B01F 5/06
(31) Priority Document No :61/265,355
(32) Priority Date :30/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/057598
Filing Date :22/11/2010
(87) International Publication No :WO 2011/066212
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)JAMES S. SUTHERLAND**
**2)SIDDHARTH BHOPTE**

(57) Abstract :
A honeycomb extrusion body has multiple cells extending along a common direction from a first end of the body to a second end of the body. The cells are separated by cell walls, and the body has at least one fluid path defined within a plurality of said cells. The fluid path includes one or more apertures, through respective cell walls between cells of one or more respective pairs of said plurality of cells. Each aperture has an aperture width measured perpendicular to the common direction of 90% or less of a cell wall width of the respective cell wall measured perpendicular to the common direction. Optionally one or more of the plurality of cells has at least two cell walls each having an aperture at the same position in the common direction. As a further option, these apertures may be offset from the respective centers of their respective walls in the same rotational direction about a central axis of the cell.

No. of Pages : 22 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4637/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : OPTICAL FIBER WITH DOUBLE COATING

(51) International classification :C03C 25/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2009/065888
Filing Date :26/11/2009
(87) International Publication No :WO 2011/063838
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)LIDIA TERRUZZI**
**2)SILVIO FRIGERIO**
**3)GIOVANNI VILLANI**

(57) Abstract :
Optical fiber comprising an optical waveguide, a first coating layer disposed to surround said optical waveguide and a second coating layer disposed to surround said first coating layer, wherein said first coating layer is formed by a cured polymeric material obtained by curing a radiation curable composition comprising at least one (meth)acrylate monomer esterifred with at least one branched alcohol having from 9 to 12 carbon atoms, and said second coating layer is formed by a cured polymeric material obtained by curing a radiation curable (meth)acrylate composition comprising from 0.8% to 1.5% by weight of silica, based on the total weight of the composition.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4638/DELNP/2012 A
(43) Publication Date : 04/12/2015

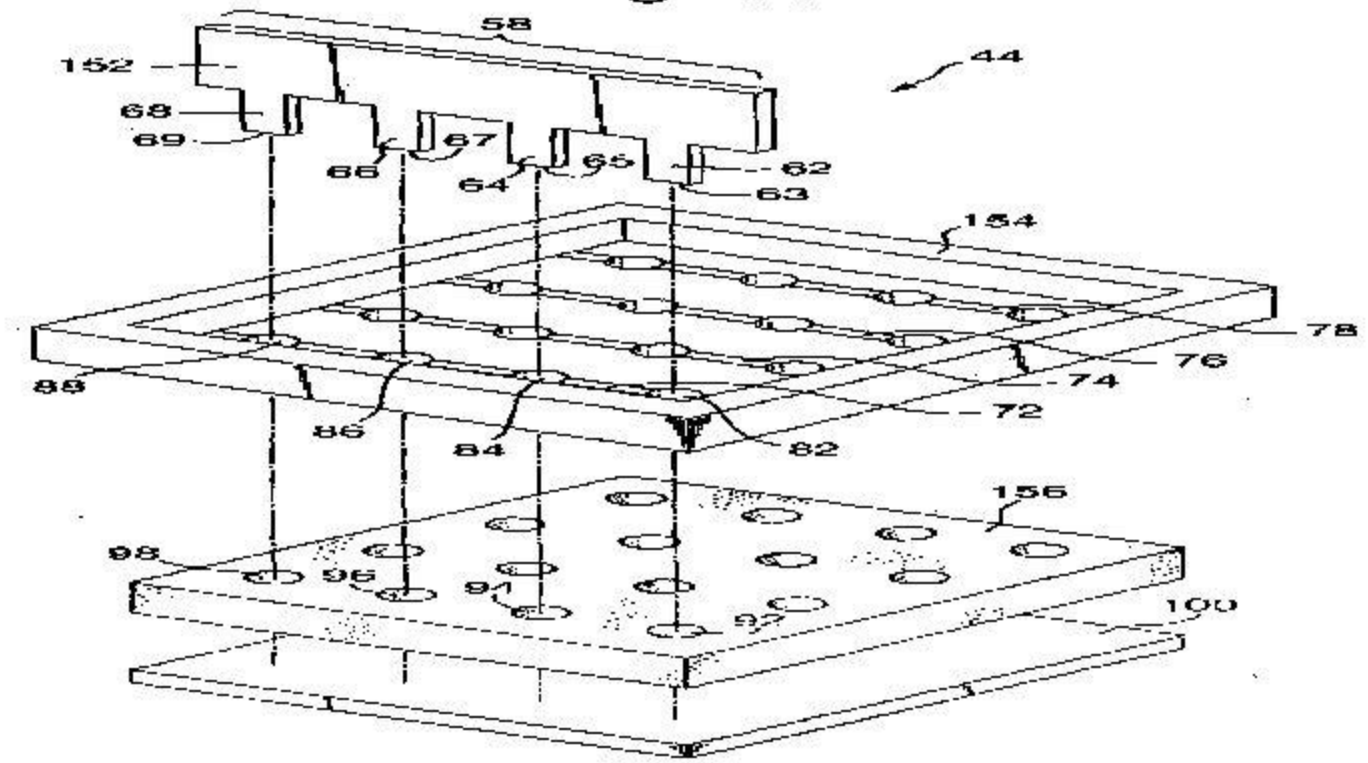
(54) Title of the invention : ANTENNA ARRAY

(51) International classification :H01Q 9/28
(31) Priority Document No :0920913.1
(32) Priority Date :27/11/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/051965
Filing Date :25/11/2010
(87) International Publication No :WO 2011/064585
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**4)GARY DAVID PANAGHISTON**
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**6)ROBERT ALAN LEWIS**
**7)RICHARD JOHN HARPER**

(57) Abstract :
An antenna assembly, comprising: a layered structure comprising a planar array of antenna elements (e.g. triangular shaped poles forming dipoles) (100); and a feed arrangement (152) perpendicular to the antenna elements; the layered structure further comprising layers (116, 114) over the planar array of antenna elements with holes (117) provided therethrough to allow the feed arrangement (152) to be connected to contacts (32) for the antenna elements. The layered structure may further comprise vias (110) provided such that heat may be applied remotely to the contacts (32) via the vias (100) to connect the contacts (32) electrically to the feed arrangement (152). Also a fixture securing the planar array of antenna elements (100) and the feed arrangement (152), the fixture comprising a ground plane box (154) comprising a ground plane and sides. Also connector blocks (311), with offset apertures (320), providing electrical connection and mechanical fixing.

Fig.12.




No. of Pages : 44 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4639/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A METHOD AND A DEVICE FOR REAL TIME MONITORING OF A SYSTEM FOR MEASURING A FUEL FLOW RATE

(51) International classification :G01F 1/12
(31) Priority Document No :0958429
(32) Priority Date :27/11/2009
(33) Name of priority country :France
(86) International Application No :PCT/FR2010/052544
Filing Date :26/11/2010
(87) International Publication No :WO 2011/064509
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**2)NICOLAS MARIE PIERRE GUEIT**
**3)JULIEN MARCEL ROGER MAILLE**
**4)BENOIT PONTALLIER**

(57) Abstract :
Monitoring the measurement of a fuel flow rate fed to an airplane engine, the measurement being delivered by means of a mass flowmeter. According to the invention, it is evaluated whether at least the following conditions are satisfied: the signal delivered by the flowmeter is less than a given value (el, 40) ; the engine is running on its own (e2, e3, 40); and the measurement is invalidated if these conditions are satisfied simultaneously.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2012

(21) Application No.2747/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR OPERATING A POWER PLANT

(51) International classification :H02J
(31) Priority Document No :11180459.7
(32) Priority Date :07/09/2011
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)OLIA, HAMID**
**2)SCHLESIER, JAN**

(57) Abstract :
The method for operating a power plant (1) comprising a gas turbine (2) and a steam power generation system (10) that activate at least one electric generator (20), wherein the gas turbine (2) produces flue gases (8) that are supplied into a boiler (11) of the steam power generation system (10) . In a steady operation the gas turbine (2) generates a first output power (30) greater than zero, the steam turbine generates a second output power (31) greater than zero, and the total generated power (32) being the sum of the first and second output power (30, 31) is substantially equal to a house load (33) of the power plant (1). (Figure 3)

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4640/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CONTACT OPERATION DETERMINATION APPARATUS, CONTACT OPERATION DETERMINATION METHOD, AND PROGRAM

| | |
|---|---|
| (51) International classification | :C06F 3/041 |
| (31) Priority Document No | :2009-274911 |
| (32) Priority Date | :02/12/2009 |
| (33) Name of priority country | :Japan |
| (86) International Application No | :PCT/JP2010/069206 |
| Filing Date | :28/10/2010 |
| (87) International Publication No | :WO 2011/068001 |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)**Name of Applicant :**
**1)SONY CORPORATION**
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**1)YOSHINORI OHASHI**
**2)TSUYOSHI OOBAYASHI**

(57) Abstract :
To provide a contact operation determination apparatus, a contact operation determination method, and a program that are capable of avoiding erroneous determination in an end portion of a contact detection area. [Solution] A contact operation determination apparatus includes a display panel 101b, a touch panel 101a configured to detect a contact operation for a contact detection area 110 provided on the display panel surface 101b, an area setting unit configured to set, in the contact detection area, a first area 111, and a second area 112 that surrounds the first area second area 112 so as to have a width greater than or equal to a predetermined distance D from a contact starting point SP to contact end points EP and EP, the first area second area 112 being used to discriminate between a tap operation and a flick operation, and an operation determination unit configured to determine, when a contact end point is detected in the first or second area after a contact starting point has been detected in the second area, that a flick operation has been performed. [Selected Figure] Fig. 7

No. of Pages : 37 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4641/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : OXYGEN PRODUCTION METHOD AND APPARATUS

(51) International classification :F25J 3/04
(31) Priority Document No :12/629,408
(32) Priority Date :02/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/055784
Filing Date :08/11/2010
(87) International Publication No :WO 2011/068634
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)DAVID ROSS PARSNIK**
**2)NEIL MARK PROSSER**
**3)IHUAKU IHEJIRIKA**

(57) Abstract :
A method and apparatus for producing a krypton-xenon-rich stream in which a pipeline oxygen stream is removed from an oxygen pipeline at ambient temperature and then distilled in a cryogenic rectification plant to produce the krypton-xenon-rich stream from a column bottoms of a distillation column. The plant can generate its own refrigeration by way of a heat pump loop incorporating an expander or, alternatively, refrigeration can be added by means of a liquid oxygen reflux stream introduced into the top of such distillation column.

No. of Pages : 40 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4642/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : LOW LOSS OPTICAL FIBER

(51) International classification :G02B 6/028
(31) Priority Document No :12/626,305
(32) Priority Date :25/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/054954
Filing Date :01/11/2010
(87) International Publication No :WO 2011/066061
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)SNIGDHARAJ K. MISHRA**

(57) Abstract :
An optical waveguide fiber is provided that includes a core and a cladding, where the core includes an alpha profile, wherein alpha (a) is greater than 2.5 and less than 3.0. The core and the cladding provide a fiber with an attenuation of less than 0.331 dB/km at a wavelength of 1310 nm, an attenuation of less than 0.328 dB/km at a wavelength of 1383 nm, an attenuation of less than 0.270 dB/km at a wavelength of 1410 nm, and an attenuation of less than 0.190 dB/km at a wavelength of 1550 nm. Methods for producing the optical fiber are also provided.

No. of Pages : 36 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4643/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A BODY WASTE COLLECTING DEVICE

(51) International classification :A61L 24/04
(31) Priority Document No :PA 2009 70233
(32) Priority Date :27/11/2009
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2010/050322
Filing Date :26/11/2010
(87) International Publication No :WO 2011/063818
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)DANUTA CIOK**

(57) Abstract :
The application discloses a body -waste collecting device comprising a collecting pouch and an adhesive -wafer for attachment to the skin, said wafer comprising a backing layer and a first and second layer of hydrocolloid adhesive, where the sec¬ond layer of nydrocolloid adhesive is at least partly interposed between the first layer of nydrocolloid adhesive and the backing layer, the first and second adhesive layers consisting of a continuous phase and a discontinuous phase,wherein a)the discontinuous phase of the first adhesive layer comprises pectin, carboxymethyl cellulose, gelatine, guar gum, and potato starch, b)the discontin¬uous phase of the second adhesive layer comprises carboxymethyl cellulose, gelatine, and guar gum, c)the composition of the con-tinuous phase of the first adhesive layer comprises a polyisobutylene, a styrene block copolymer, a butylrubber, and a tackifier, the composition of the continuous phase of the second adhesive layer consists of polyisobutytene and styrene block copolymer.

No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2012

(21) Application No.1927/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : VISUAL DISPLAYS FOR AN AIRCRAFT FLIGHT DECK

(51) International classification :H04N
(31) Priority Document No :1110573.1
(32) Priority Date :22/06/2011
(33) Name of priority country :U.K.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)DAVIES, JOHN ALUN**

(57) Abstract :
A cockpit (112) for an aircraft (100) includes a windscreen (122) having at least one transparent pane through which light may pass, at least one seat (130) spaced from and facing the windscreen (122), a flight deck (114) having at least a portion disposed below the windscreen (122) and having at least one head down display (142) having an adjustable brightness that may be set by a brightness signal, a camera (146) having a field of view (148) including at least a portion of the at least one seat (130) and outputting an image signal indicative of luminance information within the field of view (148), and a processor (152) operably coupled to the camera (146) and the head down display (142) and configured to receive the image signal, determine a luminance of at least a portion of the field of view (148), determine a brightness for the head down display (142) based on the determined luminance, and outputting to the head down display (142) a brightness signal corresponding to the determined brightness.

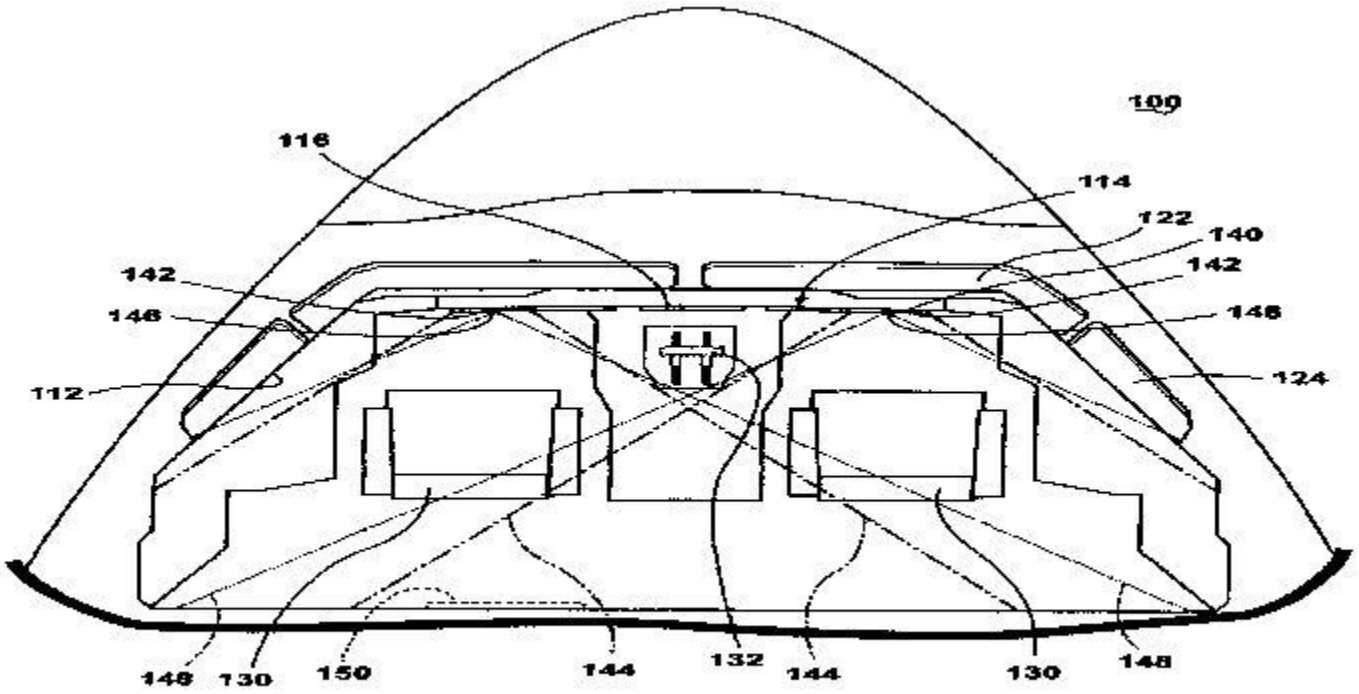



Fig. 3

No. of Pages : 19 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2012

(21) Application No.1928/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A SYSTEM FOR BRIDGING SMS AND IP MESSAGING

(51) International classification :H04N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)MITTAL, KAVIN BHARTI**
**2)RAGHUNATHAN, VIJAY**
**3)GUPTA, BHUVAN**
**4)KANWAR, GAUTAM**

(57) Abstract :
The present disclosure generally relates to the field of communications. More particulary, the present disclosure relates to a system, a method and a computer program product for sending Short Message Service (SMS) messages from a user equipment using Internet Protocol (IP) messaging services.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4646/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR PICKLING STEEL PLATES AND PICKLING DEVICE

(51) International classification :C23G 1/08
(31) Priority Document No :2009-275801
(32) Priority Date :03/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/059167
Filing Date :25/05/2010
(87) International Publication No :WO 2011/067955
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**1)TAKUMI NISHIMOTO**
**2)KENICHI UEMURA**

(57) Abstract :
The present invention is a method of pickling of steel plate which contains silicon comprising applying ultrasonic waves of at least two types of frequencies of 28.0 kHz or more to less than 1.0 MHz to an acidic cleaning solution which contains microbubbles and, in that state, dipping the steel plate which contains silicon in that cleaning solution. The present invention is a continuous pickling system of steel plate which contains silicon which is provided with at least a support part which supports the steel plate, a conveyor which makes the steel plate move, and a pickling tank which pickles the steel plate, wherein the pickling tank has means for feeding microbubbles and means for applying ultrasonic waves of at least two types of frequencies of 28.0 kHz or more to less than 1.0 MHz.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4647/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : EVAPORATIVE PATTERN CASTING PROCESS

(51) International classification :B22C 9/04
(31) Priority Document No :2009-268748
(32) Priority Date :26/11/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/070997
Filing Date :25/11/2010
(87) International Publication No :WO 2011/065410
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)OSAMI ITO**
**3)HIROYUKI YAMADA**
**4)HIROSHI ICHIKAWA**
**5)HIDETAKA HOKAZONO**
**6)TOMOHIKO YAMAMOTO**
**7)KOSUKE MURAI**

(57) Abstract :
An evaporative pattern casting process includes forming a mold by burying a pattern made of resin foam in casting sand, pouring molte,n metal into the mold, and evaporating the pattern with the molten metal and thereby casting a product. In the evaporative pattern casting process, casting time during founding is set according to a modulus (pattern volume · pattern surface area) of the pattern. Accordingly, the casting time in the evaporative pattern casting process is accurately set with high precision.

No. of Pages : 49 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4648/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A SPRAY-DRYING PROCESS

(51) International classification :C11D 11/02
(31) Priority Document No :09180008.6
(32) Priority Date :18/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/US2010/059432
Filing Date :08/12/2010
(87) International Publication No :WO 2011/075357
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**2)TANTAWY, HOSSAM, HASSAN**
**3)LICKISS, JAMES, ROBERT**
**4)SOMERVILLE ROBERTS, NIGEL, PATRICK**

(57) Abstract :
The present invention relates to a process for preparing a spray-dried detergent powder comprising: (i) detersive surfactant; and (ii) other detergent ingredients; wherein the process comprises the steps of: (a) forming an aqueous detergent slurry in a mixer; (b) transferring the aqueous detergent slurry from the mixer to a pipe leading through a first pump and then through a second pump to a spray nozzle; (c) contacting a detergent ingredient to the aqueous detergent slurry in the pipe after the first pump and before the second pump to form a mixture; (d) spraying the mixture through the spray nozzle into a spray-drying tower; and (e) spray-drying the mixture to form a spray-dried powder, wherein the pressure drop between (i) the pressure in the pipe at the outlet of the first pump to (ii) the pressure in the pipe at the inlet to the second pump is less than 8x105Pa.

No. of Pages : 18 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4655/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HYDROTHERMAL PROCESS FOR THE PRODUCTION OF LIFEPO4 POWDER

(51) International classification :C01B 25/45
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2009/008016
Filing Date :10/11/2009
(87) International Publication No :WO 2011/057646
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**2)POLITECNICO DI TORINO**
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**2)GERBALDI, CLAUDIO**
**3)MELIGRANA, GIUSEPPINA**
**4)DI LUPO, FRANCESCA**
**5)PENAZZI, NERINO**
**6)FONTANA, DENIELA**

(57) Abstract :
The present invention relates to a process for the production of LiFeP04 powder, comprising the steps: a) providing an aqueous solution of an organic surfactant; b) providing an aqueous solution of an iron (II) salt and mixing said aqueous iron (II) salt solution with an aqueous solution of a phosphate, to provide a mixed iron (II) salt/phosphate solution having a stoichiometric ratio of Fe2+:phosphate of about 1 : 1; c) adding the mixed iron (II) salt/phosphate solution to the surfactant solution under constant stirring; d) providing an aqueous solution comprising a lithium salt, adding said aqueous solution comprising a lithium salt to said mixed iron (II) salt/phosphate solution to provide a mixture having a stoichiometric ratio of Fe2+:phosphate:lithium salt of about 1 :1 :3 and stirring the resulting mixture; e) heating the resulting mixture at 80-200 °C; f) washing the resulting precipitate to remove excess surfactant, filtering and drying the precipitate; and g) heat treating the dried precipitate in an inert atmosphere by firing at 550-850 °C for at least 2 hours, wherein a co-solvent is added during or after any one of steps (a) to (d).

No. of Pages : 33 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4656/DELNP/2012 A
(43) Publication Date : 04/12/2015

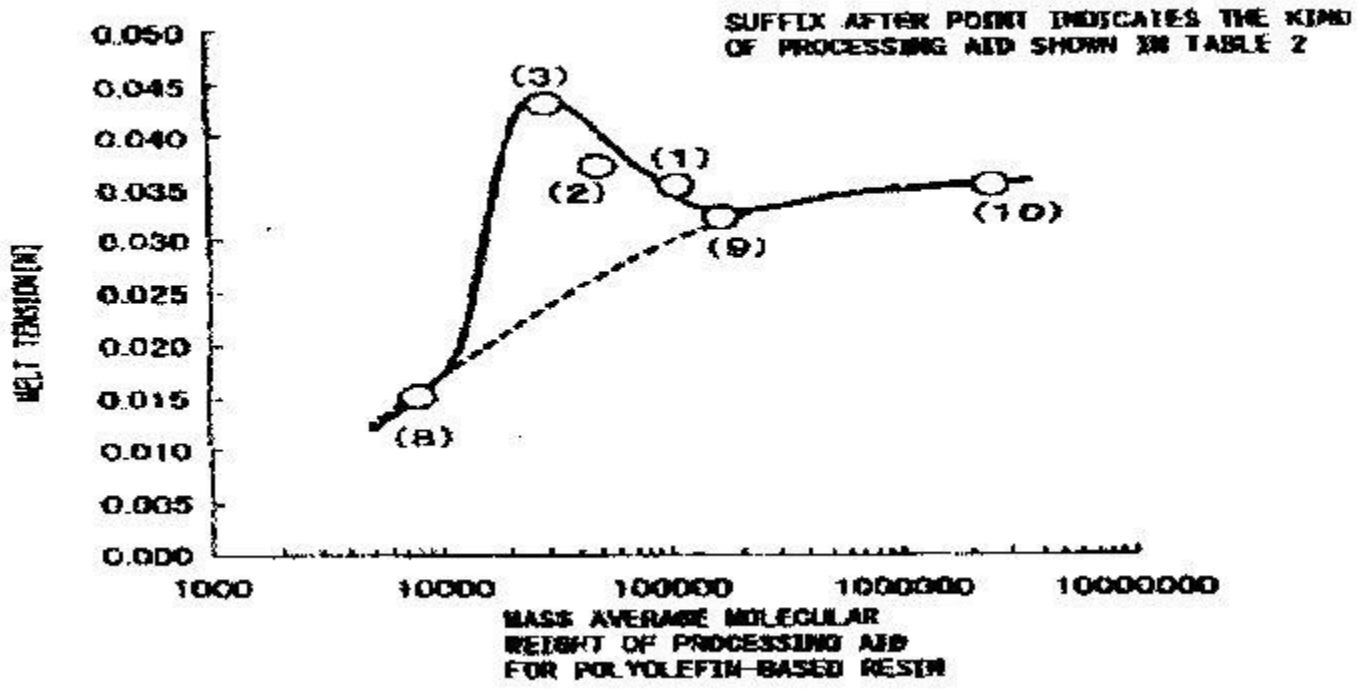
(54) Title of the invention : PROCESSING AID FOR POLYOLEFIN-BASED RESINS, POLYOLEFIN-BASED RESIN COMPOSITION AND MOLDED ARTICLE

(51) International classification :C08L 23/00
(31) Priority Document No :2009 -268539
(32) Priority Date :26/11/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/070936
Filing Date :24/11/2010
(87) International Publication No :WO 2011/065382
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)HIRAI, SHINYA**
**2)HATAE, YOUKO**
**3)KIURA, MASAAKI**
**4)KASAL, TOSHIHIRO**

(57) Abstract :
To provide a processing aid for a polyolefin-based resin, capable of prov ding a polyolefin-based resin composition having excellent melt tension, fluidity and die build-up inhibiting effect. A processing aid for a polyol,¬fin-based resin, comprising (A) an alkyl methacrylate-based polymer containing, as a main component, a unit of (a1) an alkyl methacrylate in which the alkyl gcoup has 2 to 10 carbon atoms, and having a mass average moleculaweight of 15,000 to 145,000.

Fig.3




No. of Pages : 42 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012
(21) Application No.4657/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ANGULAR POSITION SENSOR AND ASSEMBLY COMPRISING A ROTARY SYSTEM AND SUCH A SENSOR

(51) International classification :G01D 5/14
(31) Priority Document No :0957908
(32) Priority Date :09/11/2009
(33) Name of priority country :France
(86) International Application No :PCT/EP2010/066942
Filing Date :05/11/2010
(87) International Publication No :WO 2011/054940
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)PIATON, JEROME**

(57) Abstract :
The invention relates to a sensor (1000) for continuously measuring the angular position (9a) of a shaft (1) rotatably mounted relative to a housing (2). Said sensor comprises: a stator (20); a rotor (10) attachable to the shaft (1); permanent magnets (3) having alternating polarities (N, S), located on the stator (20) or the rotor (10), and capable of creating magnetic induction (B) during the rotation of the rotor (10); a magnetic circuit (21) for channeling said magnetic induction (B) such that it is proportional to a sinusoidal function of the angle (r) of the rotor (10); and at least two electric transducers (4) having linear output, each angularly offset (cp) one from the other relative to the stator (20) and located in the gaps (210) arranged in said circuit (21). The magnetic circuit (21) is toothed and comprises at least one measuring unit (5) comprising three teeth (211) per pair of (30) magnets (3), each tooth comprising a gap (210) taking a transducer (4). FIG. 2

No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4658/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ELECTRIC BICYCLE HAVING A PEDAL-POWERED ELECTRIC DRIVE

(51) International classification :B62M 3/00
(31) Priority Document No :10 2010 001 775.2
(32) Priority Date :10/02/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/051551
Filing Date :03/02/2011
(87) International Publication No :WO 2011/098388
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)ZYWIETZ, MARTIN**
**2)KIMMICH, PETER**
**3)NGUYEN, QUOC-DAT**
**4)STOPPER, SIMONE**

(57) Abstract :
The present subject matter relates to an electric bicycle, comprising a crank drive (2) having pedals (24), a bottom bracket shaft, and a bottom bracket bearing (20) having an inner ring, an outer ring and rolling bodies arranged therebetween for mounting the bottom bracket shaft, an electric drive for driving the bicycle, a control unit for controlling the electric drive, and a force sensor (5), which is arranged on the bottom bracket bearing and connected to the control unit in order to capture a force at the bottom bracket bearing (20) which is exerted by a rider on the crank drive (2), wherein the control unit is configured to control the electric drive on the basis of a value of the bearing force captured by the force sensor (5).

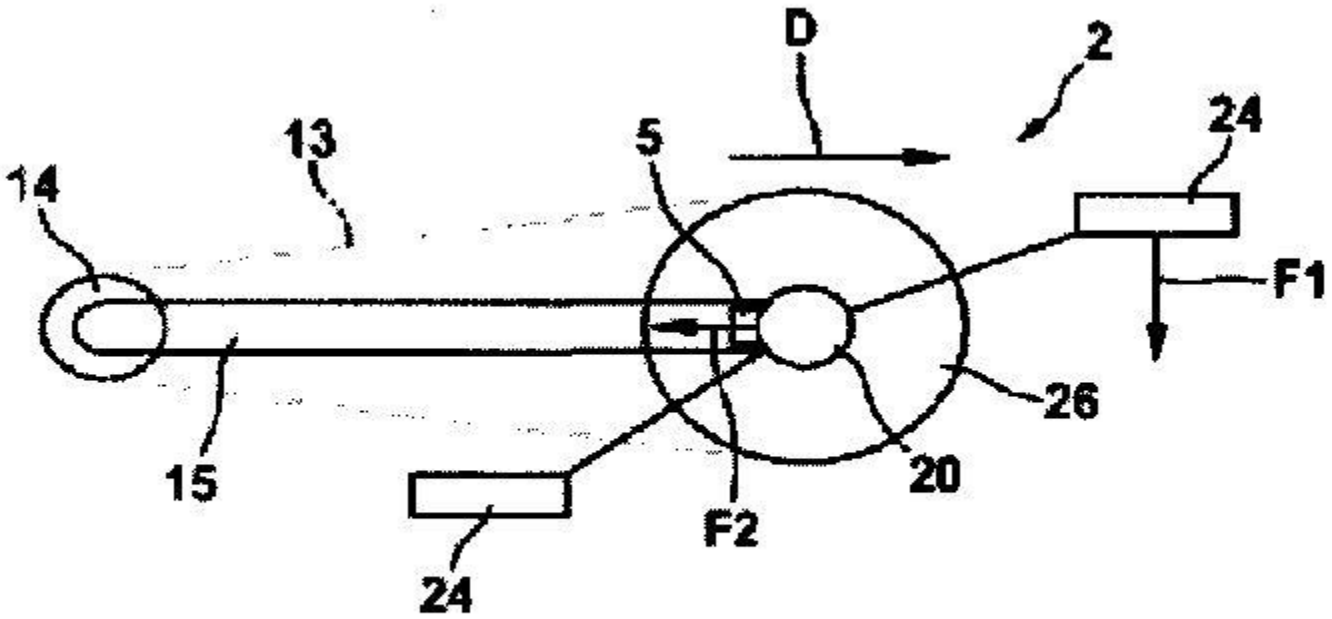



Fig. 2

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/05/2012

(21) Application No.1651/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : NOVEL POLYHERBAL COMPOSITION FOR PREVENTION AND TREATMENT OF INFLAMMATION AND ARTHRITIS

(51) International classification :A61K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)KARAN MANINDER**
**2)VASISHT KARAN**
**3)VERMA MEENAKSHI**

(57) Abstract :
The present invention relates to a novel polyherbal composition for prevention and cure of inflammatory disorders. Further present invention relates to the development of a polyherbal composition for the prevention and treatment of inflammation and arthritis.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/05/2012

(21) Application No.1652/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A CUTTING APPARATUS WITH ROTARY KNIFE FOR A FORM-FILL AND SEAL MACHINE

(51) International classification :F16B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)RAJESH KHOSLA**

(57) Abstract :
This invention relates to a cutting apparatus with rotary knife for a form-fill and seal machine comprising of atleast two shafts wherein one shaft is positioned above another shaft, in which the upper shaft is provided with a sharp knife and lower shaft is provided with a flat knife; the upper shaft is connected to a gear for transmission of motion to another set of gears with a phase shift between said knives. The apparatus of the present invention has long life span and is cost effective.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/05/2012

(21) Application No.1653/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : IMPROVED WHEEL OF VEHICLE

(51) International classification :B60K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)S. KRISHNA KUMAR**

(57) Abstract :
This invention relates to improved wheel of vehicle comprising of a disc and a rim, wherein the disc is welded in the rim inner profile, in which the rim well inner periphery/the disc outer periphery is provided with groovejknurling.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012

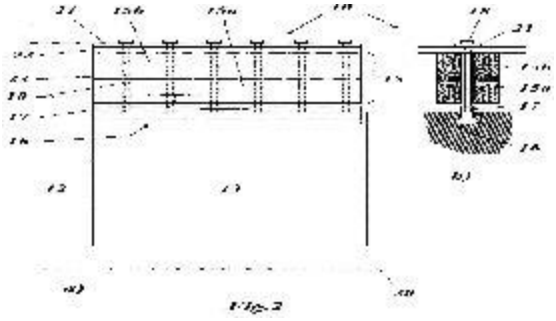
(21) Application No.2508/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ROTATING ELECTRIC MACHINE

(51) International classification :H02J
(31) Priority Document No :102011109953.4
(32) Priority Date :11/08/2011
(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

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**2)ALEXANDER SCHWERY**
**3)RICARDO NAOKI OKAI**
**4)HANSPETER WALSER**
**5)MATTHIAS SCHMID**

(57) Abstract :
The invention relates to a rotating electric machine (10), in particular a hydrogenerator, comprising a rotor, which comprises a rotor laminate stack (12) extending in the direction of a machine axis (20) and having a rotor winding (15a, b), the rotor winding (15a, b) forming a winding head (15) at each of the ends of the rotor laminate stack (12), said winding head being fastened to a winding head rim (13), which is arranged concentrically within the winding head (15) and adjoins the rotor laminate stack (12) in the axial direction, in order to intercept centrifugal forces by means of bolts (18) passing radially through the winding head (15), and the fastening (16, 17, 18, 21) being designed to safely absorb axial expansions of the winding head (15). In such a machine, simple and secure fastening is achieved by virtue of the fact that the bolts (18) are fastened to the winding head rim (13) in each case on a T-shaped hammer profile (17), which extends in the axial direction and is mounted in axially movable fashion in an associated axial T-shaped slot in the winding head rim (13). (Figure 2)



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4660/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYSTEMS, APPARATUSES, AND METHODS FOR TREATING TISSUE AND CONTROLLING STENOSIS

(51) International classification :A61B 18/14
(31) Priority Document No :61/260,349
(32) Priority Date :11/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/056424
Filing Date :11/11/2010
(87) International Publication No :WO 2011/060200
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)MAYSE, MARTIN, L.**
**3)DEEM, MARK**
**4)GIFFORD, III, HANSON, S.,**

(57) Abstract :
Systems, delivery devices, and methods to treat to ablate, damage, or otherwise affect tissue. The treatment systems are capable of delivering a coolable ablation assembly that ablates targeted tissue without damaging non-targeted tissue. The coolable ablation assembly damages nerve tissue to temporarily or permanently decrease nervous system input. The system, delivery devices, and methods can damage tissue and manage scarring and stenosis, if any.

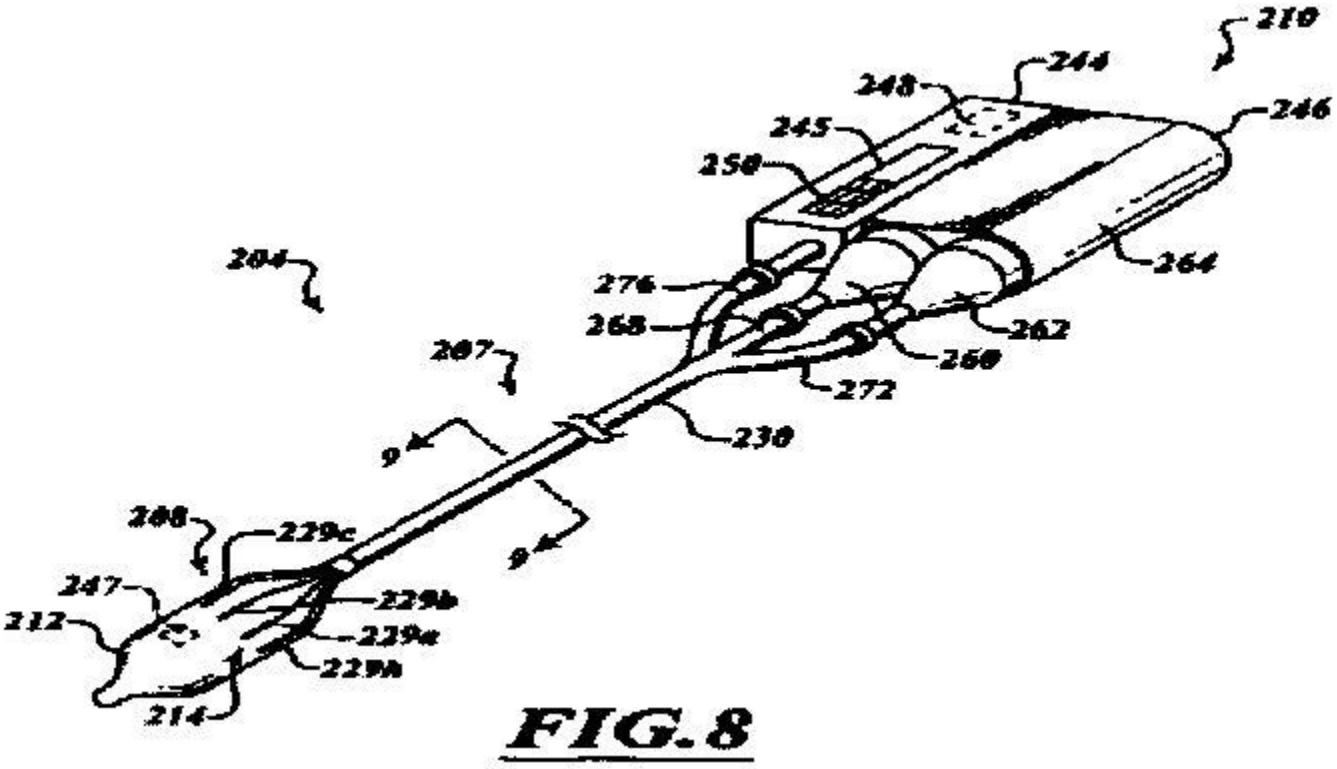



FIG. 8

No. of Pages : 89 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4661/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND APPARATUS FOR OPERATING DUCTED FUMEHOODS WITH INCREASED ENERGY EFFICIENCY

(51) International classification :B05C 15/00
(31) Priority Document No :61/281,592
(32) Priority Date :19/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/057271
Filing Date :18/11/2010
(87) International Publication No :WO 2011/063144
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)HAUVILLE, FRANCOIS**

(57) Abstract :
A method for operating a ducted fumehood with increased energy efficiency, wherein the method comprises : passing exhaust air from the ducted fumehood through a heat exchanger, and passing other air through the heat exchanger, so as transfer heat content from the exhaust air to the other air, or to transfer heat content from the other air to the exhaust air, so as to temperature-condition the other air.

No. of Pages : 33 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2012

(21) Application No.2457/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SOLID PHARMACEUTICAL COMPOSITION FOR BUCCAL ADMINISTRATION OF AGOMELATINE

(51) International classification :A61K
(31) Priority Document No :11/02500
(32) Priority Date :10/08/2011
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)FRANCOIS THARRAULT**
**2)CECILE POIRIER**
**3)GILLES FONKNECHTEN**
**4)JEAN-MANUEL PEAN**

(57) Abstract :
The invention relates to a solid buccal pharmaceutical. composition comprising agomelatine intended for systemic action.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.2529/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DRUG DELIVERY SYSTEM WITH OPEN ARCHITECTURAL FRAMEWORK •

(51) International classification :C12N
(31) Priority Document No :13/210,507
(32) Priority Date :16/08/2011
(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

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**2)JAMES F. MARTIN**
**3)DAVID Q. FENG**
**4)TODD J. MACK**
**5)DONN C. MUELLER**

(57) Abstract :
A medical system includes a sedation system and a central station in communication with the sedation system. The sedation system includes a monitoring unit and a drug delivery unit. The monitoring unit is operable to monitor at least one physiological parameter of a patient. The drug delivery unit is operable to deliver drugs to the patient based on data from the monitoring unit. The central station is operable to store patient related data and access a plurality of sedation systems. The central station may remotely control drug delivery through sedation systems, remotely provide voice instructions through sedation systems, display video feeds from sedation systems, respond to queries from sedation systems, and/or provide other functionalities. The system may also include an instrument that is operable to perform surgical and/or therapeutic procedures on the patient. The sedation system may provide power to the instrument and/or otherwise communicate with the instrument.

No. of Pages : 91 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012
(21) Application No.4665/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : EXHAUST TEMPERATURE BASED MODE CONTROL METHOD FOR GAS TURBINE AND GAS TURBINE

(51) International classification :F02C 9/00
(31) Priority Document No :CO 2009A000054
(32) Priority Date :27/11/2009
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2010/067791
Filing Date :19/11/2010
(87) International Publication No :WO 2011/064142
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)BOTARELLI, CLAUDIO**

(57) Abstract :
Gas turbine, computer readable medium, and method for controlling an operating point of the gas turbine that includes a compressor, a combustor and a turbine. The method includes determining a turbine pressure ratio, calculating a primary to lean-lean mode transfer threshold reference curve as a function of the turbine pressure ratio, determining at a first time when an exhaust temperature associated with the operating point is higher than an exhaust temperature of the primary to lean-lean mode transfer threshold reference curve for the same turbine pressure ratio, and changing, after a predetermined time after the first time, a split fuel quantity from a first value to a second value if the exhaust temperature associated with the operating point remains higher than the exhaust temperature of the primary to lean-lean mode transfer threshold reference curve.

No. of Pages : 62 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4666/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DIRECT EVAPORATOR SYSTEM AND METHOD FOR ORGANIC RANKINE CYCLE SYSTEMS

(51) International classification :F01K 25/08
(31) Priority Document No :CO2009A000057
(32) Priority Date :30/11/2009
(33) Name of priority country :Italy
(86) International Application No :PCT/US2010/055786
Filing Date :08/11/2010
(87) International Publication No :WO 2011/066089
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**1)LEHAR, MATTHEW ALEXANDER**
**2)DE SIMON, GIULO**
**3)FREUND, SEBASTIAN**
**4)SEGHI, GIACOMO**

(57) Abstract :
Systems and methods include heat exchangers using Organic Rankine Cycle (ORC) fluids in power generation systems. A system for power generation using an Organic Rankine Cycle (ORC) includes: a heat exchanger configured to be mounted entirely inside a duct, the heat exchanger being configured to include a single inlet which traverses from an outer side of the duct to an inner side of the duct, a single outlet which traverses from the inner side of the duct to the outer side of the duct, and a conduit connecting the single inlet to the single outlet, the conduit being provided entirely inside the duct.

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4667/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DETECTION OF PEOPLE RELATIVE TO A PASSENGER CONVEYOR WITH A CAPACITIVE SENSOR

(51) International classification :B66B 25/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2009/068805
Filing Date :18/12/2009
(87) International Publication No :WO 2011/075146
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)VERONESI WILLIAM A.**
**4)SIEWERT BRYAN R.**
**5)GSCHWENDTNER GERO**
**6)ERCAN ABDULLAH**
**7)SENGER ALOIS**

(57) Abstract :
A system for detecting a person relative to a passenger conveyor includes a driving circuit for supplying an oscillating drive signal to a first electrode of a capacitive sensor configured to produce an electric field toward a second electrode in response to the oscillating drive signal. A detection circuit is connected to the capacitive sensor, and produces an output as a function of the capacitance of the capacitive sensor, such that the detection circuit senses a change in capacitance of the capacitive sensor, such as when a person enters the electric field between the first and second electrodes. A controller is responsive to the change in capacitance sensed by the detection circuit to selectively adjust an operation mode of the passenger conveyor.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.2527/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DRUG DELIVRY SYSTEM WITH PROCEDURE STAGE BASED DELIVERY •

(51) International classification :C12N
(31) Priority Document No :13/210,540
(32) Priority Date :16/08/2011
(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

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**2)PAUL J. NIKLEWSKI**
**3)JEFFERY A. FOSTER**

(57) Abstract :
A medical system includes a monitoring unit and a drug delivery unit. The monitoring unit is operable to monitor at least one physiological parameter of a patient. The drug delivery unit includes an integral volume of a drug. A control logic is in communication with the monitoring unit and is operable to regulate delivery of the drug to the patient from the integral volume, based on data associated with the at least one physiological parameter of the patient, in accordance with a safety shell control algorithm. A user interface feature is operable to receive input indicating a stage of progress in a medical procedure. The safety shell control algorithm responds to inputs received through the user interface feature indicating a stage of progress in a medical procedure, such as by modifying subsequent drug delivery regulation based on the beginning or completion of a stage of progress in a medical procedure.

No. of Pages : 90 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.2528/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DOCKING STATION FOR PATIENT BEDSIDE MONITORING UNITS •

(51) International classification :A47J
(31) Priority Document No :13/210,517
(32) Priority Date :16/08/2011
(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

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**3)CURT R. EYSTER**
**4)PAUL J. NIKLEWSKI**

(57) Abstract :
A docking apparatus comprises a processor, a battery charging module, a storage device, and one or more ports, which are configured to couple with patient monitoring units. Each patient monitoring unit is operable to monitor at least one physiological parameter of a patient. The battery charging module charges the patient monitoring units through the ports. The storage device stores data received from the patient monitoring units through the ports. The processor transmits updates to the patient monitoring units through the ports. The ports may comprise sockets that receive plugs from cables of the patient monitoring units. The docking apparatus may comprise a plurality of separate dock housings associated with corresponding patient monitoring units. These dock housings being joined together in a daisy chain. The docking apparatus may also include a plurality of docking recesses in a single housing, with each docking recess being associated with a corresponding patient monitoring unit.

No. of Pages : 89 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4670/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ORAL CARE SYSTEM

(51) International classification :A46B 11/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2009/069402
Filing Date :23/12/2009
(87) International Publication No :WO 2011/078863
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)KENNEDY SHARON**
**3)MOSKOVICH ROBERT**
**4)GATZEMEYER JOHN**
**5)STORZ JOACHIM**
**6)KLAUSEGGER RAIMUND**

(57) Abstract :
An oral care system and method comprising an oral care implement such as a toothbrush having a plurality of tooth engaging elements and a cavity adapted to detachably house a dispenser containing an oral care agent. In one embodiment, the dispenser may be configured as a dispensing pen having an applicator on one end. A user may dismount the dispenser from the toothbrush, apply the agent to the oral surface, and re-mount the dispenser in the toothbrush for storage.

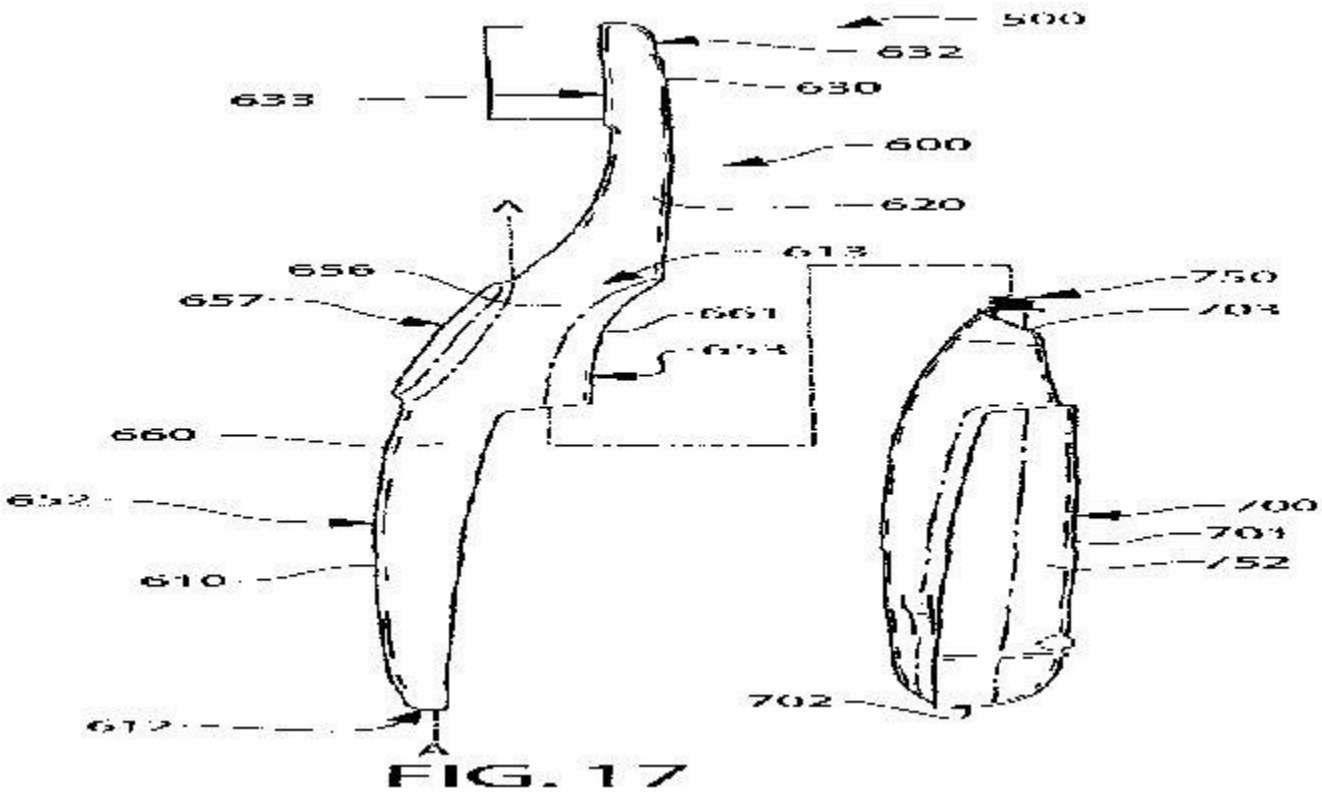


FIG. 17

No. of Pages : 61 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4671/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DIAGNOSTIC ORAL DEVICE

(51) International classification :A61B 10/06
(31) Priority Document No :61/289,425
(32) Priority Date :23/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/061704
Filing Date :22/12/2010
(87) International Publication No :WO 2011/079164
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)TRIVEDI HARSH MAHENDRA**
**3)KENNEDY SHARON**
**4)PATEL MADHUSUDAN**

(57) Abstract :
Described herein are devices and methods for identifying the existence of an oraf condition in a subject.

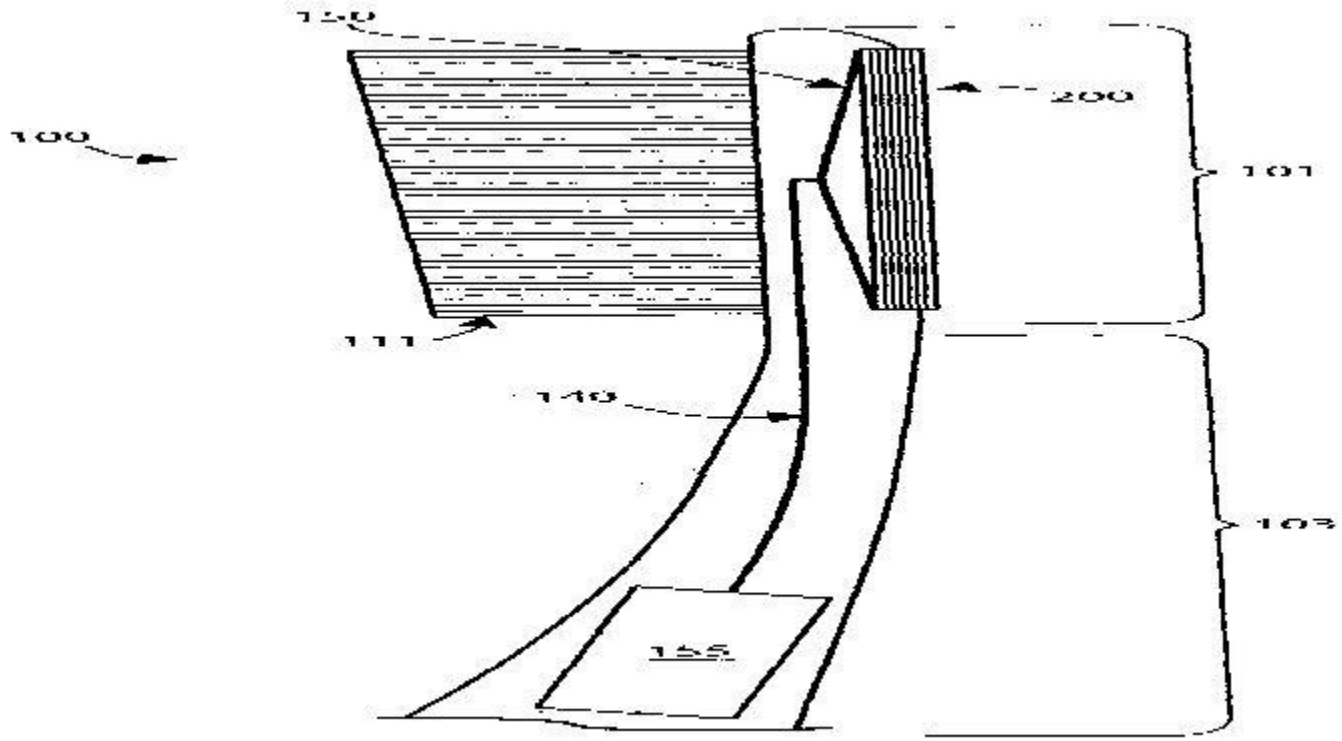



FIG. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4672/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : INTERFACE PART BETWEEN A MOTOR VEHICLE ENGINE HEAD AND A HEAT EXCHANGER

(51) International classification :F02B 29/04
(31) Priority Document No :0906209
(32) Priority Date :21/12/2009
(33) Name of priority country :France
(86) International Application No :PCT/EP2010/068775
Filing Date :02/12/2010
(87) International Publication No :WO 2011/076539
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :8, RUE LOUIS LORMAND, LA VERRIERE F- 78320 LE MESNIL-SAINT-DENIS, FRANCE France
(72)**Name of Inventor :**
**1)LEROUX SAMUEL**

(57) Abstract :
The invention relates to an interface part (10) between a motor vehicle engine head and a heat exchanger (12), the interface part (10) comprising a first opening for the flow of a first gas. According to the invention, the first opening has a profile capable of engaging with a valve element comprising a movable portion (52) of the valve (50) , with a view to at least partially sealing the first opening by means of said movable portion (52). The invention also relates to an assembly of such an interface part and a valve, and to a gas supply module for an engine comprising such an assembly. The invention is applicable, in particular, to the automotive field.

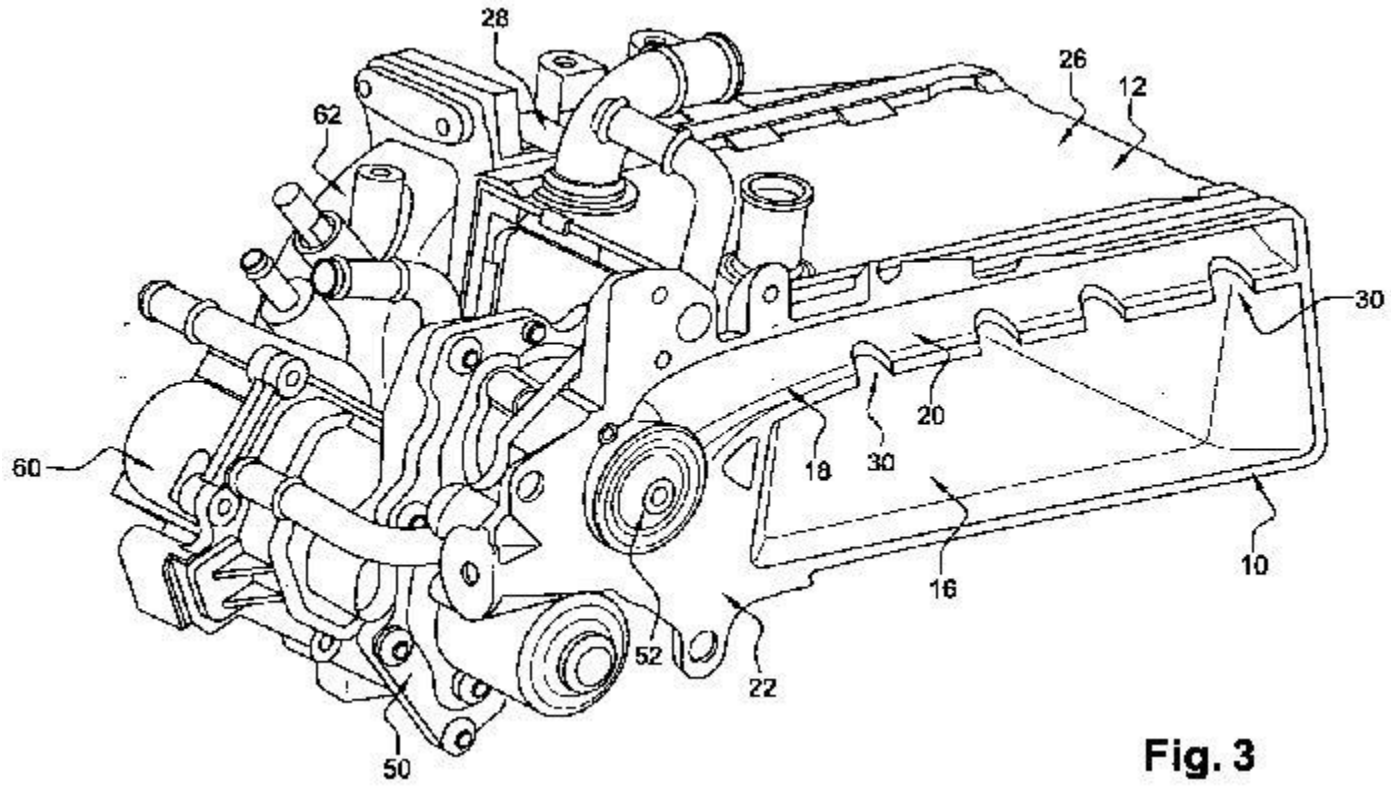



Fig. 3

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/06/2012

(21) Application No.1892/DEL/2012 A
(43) Publication Date : 04/12/2015

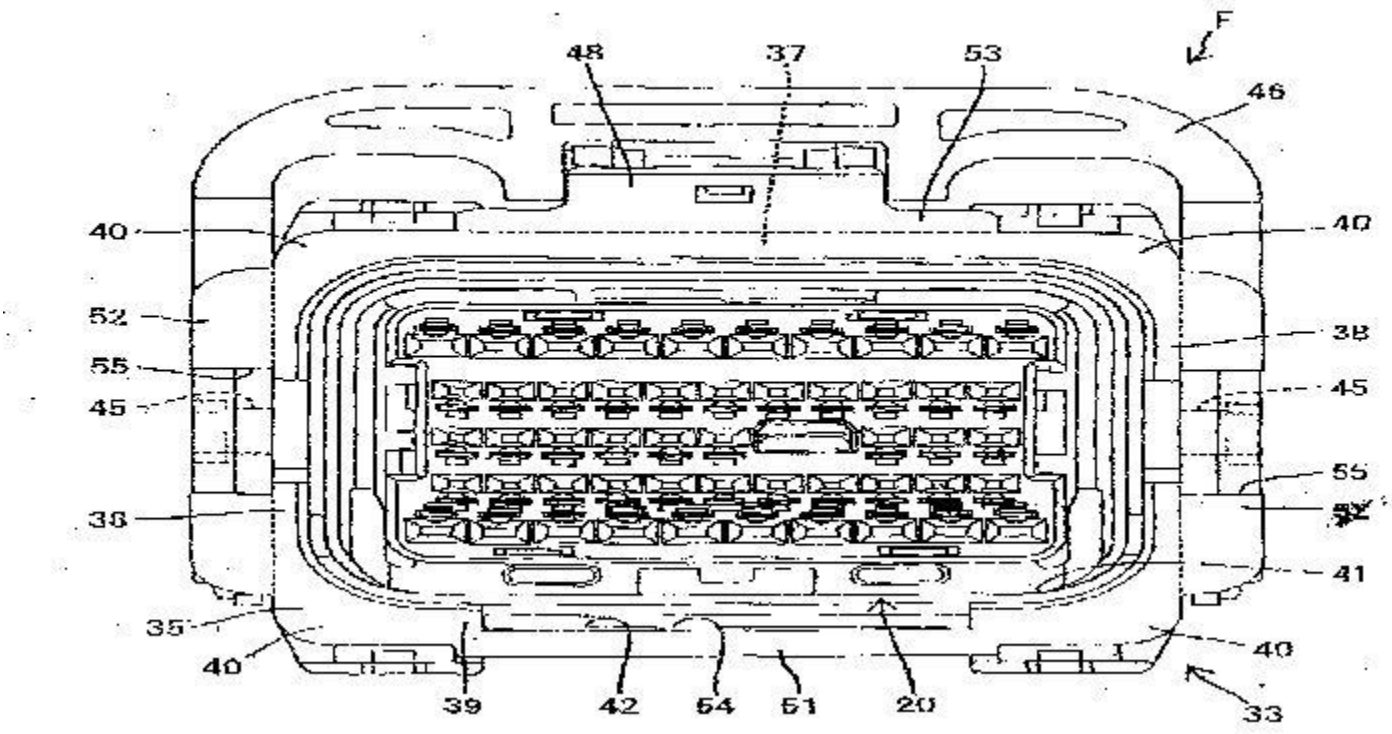
(54) Title of the invention : CONNECTOR AND CONNECTOR ASSEMBLY

(51) International classification :H01J
(31) Priority Document No :JP2011-142280
(32) Priority Date :27/06/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)SUMITOMO WIRING SYSTEMS, LTD.**
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(72)**Name of Inventor :**
**1)MITSUNORI KITAJIMA**
**2)YOUJIROU HASHIMOTO**

(57) Abstract :
A female connector F is formed such that a block-shaped terminal accommodating portion 21 accommodating female terminal fittings 24 is surrounded by a substantially rectangular tubular fitting portion 35. A male connector M includes a receptacle 11 in the form of a rectangular tube to be fitted into a clearance between the terminal accommodating portion 21 and the tubular fitting portion 35 and formed such that tabs 13 at the leading ends of male terminal fittings 12 are surrounded by the receptacle 11. Bulging portions 51, 52 and 53 bulging outwardly of the tubular fitting portion 35 from an opening edge part at a front side of the tubular fitting portion 35 are formed on four wall portions 37, 38 and 39 forming the tubular fitting portion 35.

FIG. 1




No. of Pages : 32 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/06/2012

(21) Application No.1893/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A FUSED TETRAHYDROPYRIDAZINE AND DIHYDROPYRAZOLE OF THE FORMULA IV

(51) International classification :C07C
(31) Priority Document No :60/009,469
(32) Priority Date :28/12/1995
(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 :781/DEL/2007
Filed on :09/04/2007

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)PHILIP A. CARPINO**
**2)PAUL A. DASILVA JARDINE**
**3)BRUCE A. LEFKER**
**4)JOHN A. RAGAN**

(57) Abstract :
The present invention relates to a fused tetrahydropyridazine and dihydropyrazole of the formula

No. of Pages : 123 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2012

(21) Application No.2538/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A PHOTOLITHOGRAPHIC PROCESS FOR THE PREPRATION OF OLED DISPLAY

(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)INDIAN INSTITUTE OF TECHNOLOGY KANPUR**
Address of Applicant :KANPUR-U.P., INDIA Uttar Pradesh India
(72)**Name of Inventor :**
**1)MR. ANKUR SOLANKI**
**2)DR. K.N. NARAYAN UNNI**
**3)PROF. DEEPAK GUPTA**
**4)DR. ASHA AWASTHI**

(57) Abstract :
This invention relates to a photolithographic process for the preparation of OLED display comprising the steps of providing a clean substrate and applying a positive photoresist (PR) coating thereon, followed by prebaking, aligning a photo-mask on the photo resist coated substrate and subjecting the same to exposure to UV radiation followed by development in a developer solution, post-baking the substrate, etching off the chromium on the post-baked substrate with an etchant, etching off the ITO, washing the substrate and stripping the PR off the substrate, to obtain a Cr patterned substrate, coating the Cr-patterned substrate with positive PR, exposing the same to UV radiation with a second photomask, subjected the irradiated substrate to development, post-baking, chromium etching, stripping the PR and cleaning to obtain the OLED, wherein the first photomask has features of both ITO mask and Cr mask and the second photomask has opening only in active display area.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4680/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DEVICE FOR REMOVABLY FIXING A CONDUCTOR TO A CURRENT TRANSFORMER HOUSING

(51) International classification :H01F 27/06
(31) Priority Document No :10 2009 059 006.4
(32) Priority Date :17/12/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/070088
Filing Date :17/12/2010
(87) International Publication No :WO 2011/073397
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)LEIFER, CHRISTOPH**
**2)THORNER, CARSTEN**
**3)TRINH, DAT-MINH**

(57) Abstract :
The invention relates to a device for removably fixing a conductor (10) to a current transformer housing (12), comprising a fixing element (18) which runs through a retaining element (16) lying on the current transformer housing (12) and which sits at least partly against the surface of the conductor (10) when the conductor (10) is fixed on the current transformer housing (12). The invention is characterized in that the fixing element (18) runs around the circumferential surface of the conductor (10) in a looped manner when fixed.

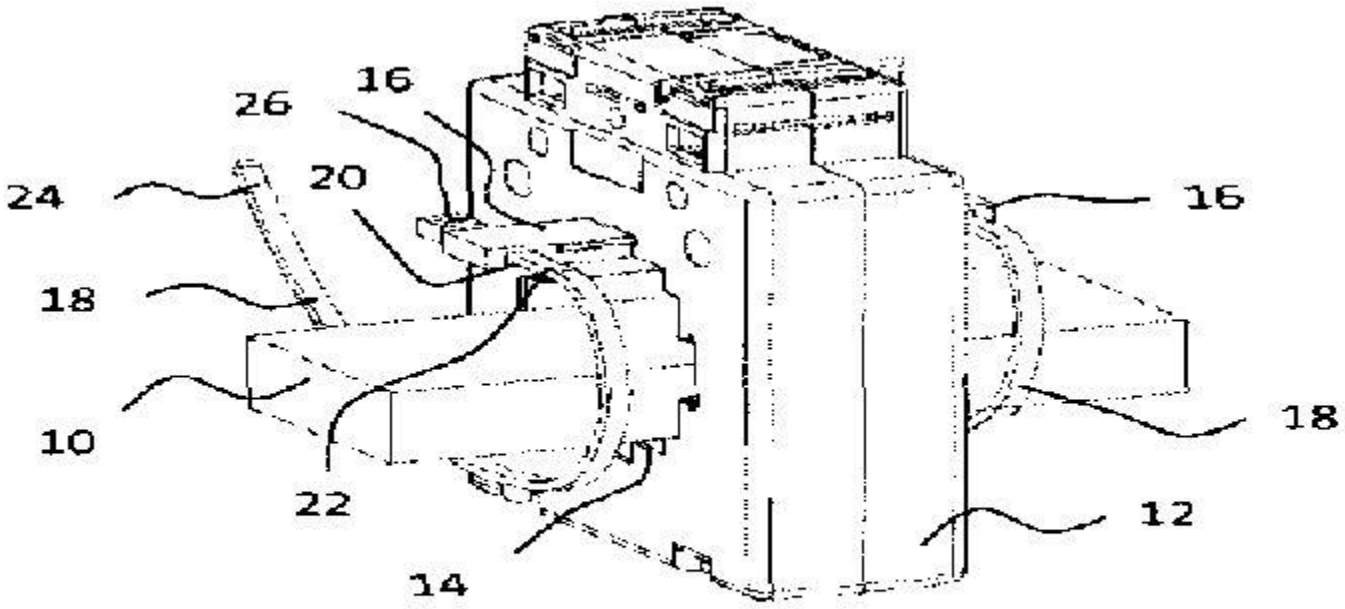



Fig. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4681/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CONVEYING APPARATUS

(51) International classification :B65G 35/06
(31) Priority Document No :10 2010 000 790.0
(32) Priority Date :11/01/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/069902
Filing Date :16/12/2010
(87) International Publication No :WO 2011/083016
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)DURR SYSTEMS GMBH**
Address of Applicant :CARL-BENZ-STRASSE 34, 74321 BIETIGHEIM-BISSINGEN GERMANY (DE) Germany
(72)**Name of Inventor :**
**1)FEDERMANN, ANDREAS**
**2)LAUER, MICHAEL**

(57) Abstract :
The invention relates to a conveying apparatus (1) for moving a transport unit (3) which has at least one running section (4, 5). The running section (4, 5) can, in particular, be configured as a runner of a skid. The conveying apparatus (1) has a support (6, 8) which takes up the weight of the transport unit (3) on the running section (4, 5) . The conveying apparatus (1) inlcudesat least one driving roller (20) which interacts with the running section (4, 5) of the transport unit (3) for a rolling movement and subjects the transport unit (3) to a force FK for movement along the support (6, 8). The driving roller (20) is operatively connected to a force-generating means (44) for providing a press-on force FP pressing the driving roller (20) against the running section (4, 5) of the transport unit (3). (Fig. 2)

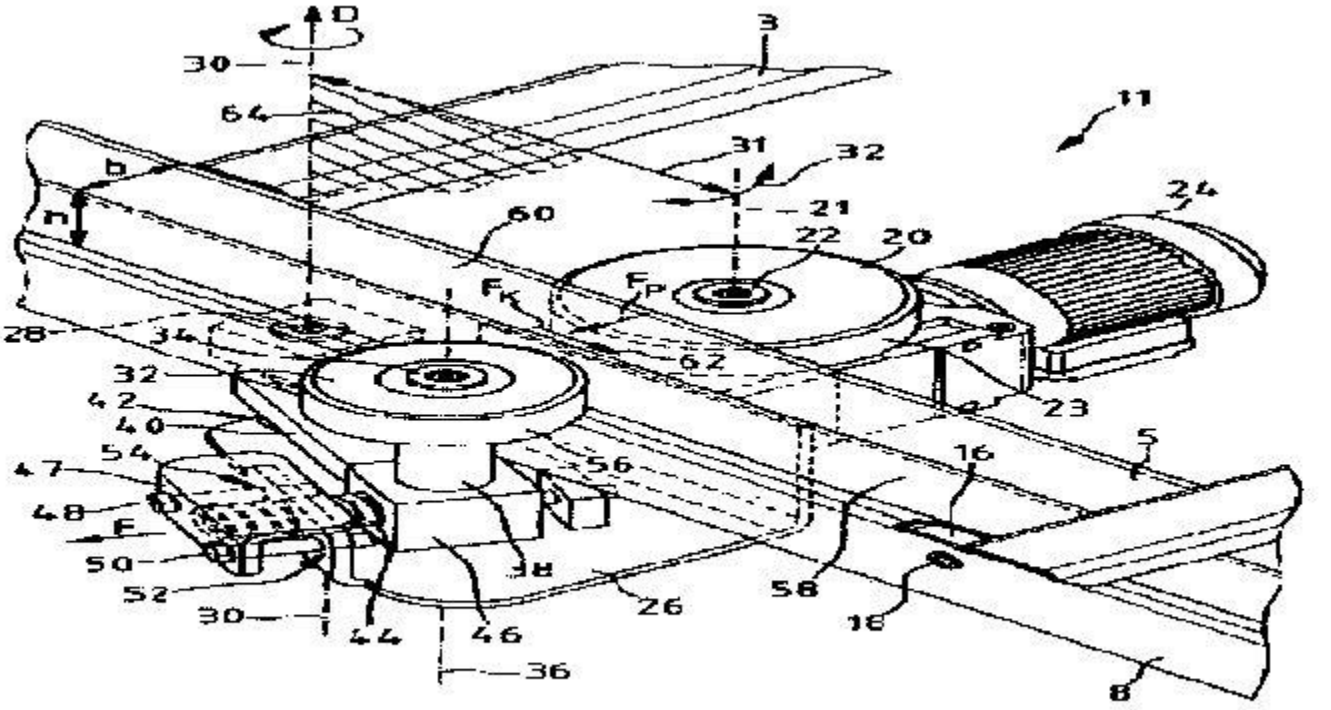



Fig.2

No. of Pages : 25 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4675/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DEVICE FOR IDENTIFYING ORAL CONDITIONS

(51) International classification :A46B 15/00
(31) Priority Document No :61/289,422
(32) Priority Date :23/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/061708
Filing Date :22/12/2010
(87) International Publication No :WO 2011/079166
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**1)HOHLBEIN DOUGLAS**
**2)GITTINS ELIZABETH**
**3)TRIVEDI HARSH MAHENDRA**
**4)KENNEDY SHARON**
**5)PATEL MADHUSUDAN**
**6)PERU DEBORAH**

(57) Abstract :
The present invention relates to devices and systems for detecting the existence of oral conditions.

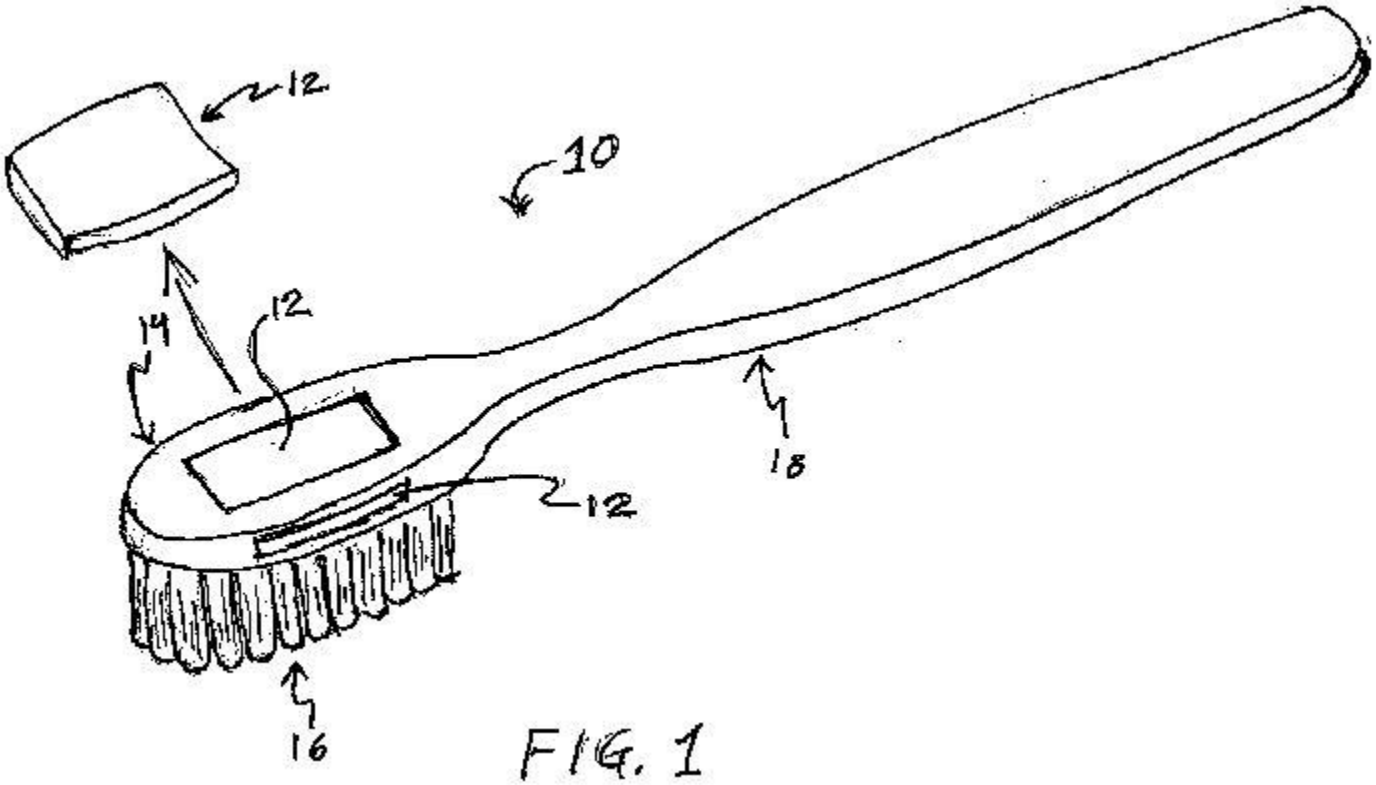



FIG. 1

No. of Pages : 26 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4676/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ORAL CARE IMPLEMENT

(51) International classification :A46B 9/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2009/069382
Filing Date :23/12/2009
(87) International Publication No :WO 2011/078860
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)JIMENEZ EDUARDO**
**2)WECHSLER ANDREAS**
**3)STORZ JOACHIM**
**4)KLAUSEGGER RAIMUND**

(57) Abstract :
An oral care implement such as a toothbrush includes a head and a plurality of tooth cleaning elements supported by the toothbrush head. The tooth cleaning elements preferably include an elastomeric polishing element defining an elevated dentifrice retaining recess spaced above the toothbrush head for holding dentifrice. In one embodiment, the recess may be configured as an annular groove. Preferred embodiments of the recess include a partially or completely closed bottom portion to support and minimize loss of dentifrice during brushing. In some embodiments, the polishing element may be collectively formed from a plurality of Y-shaped polishing members.

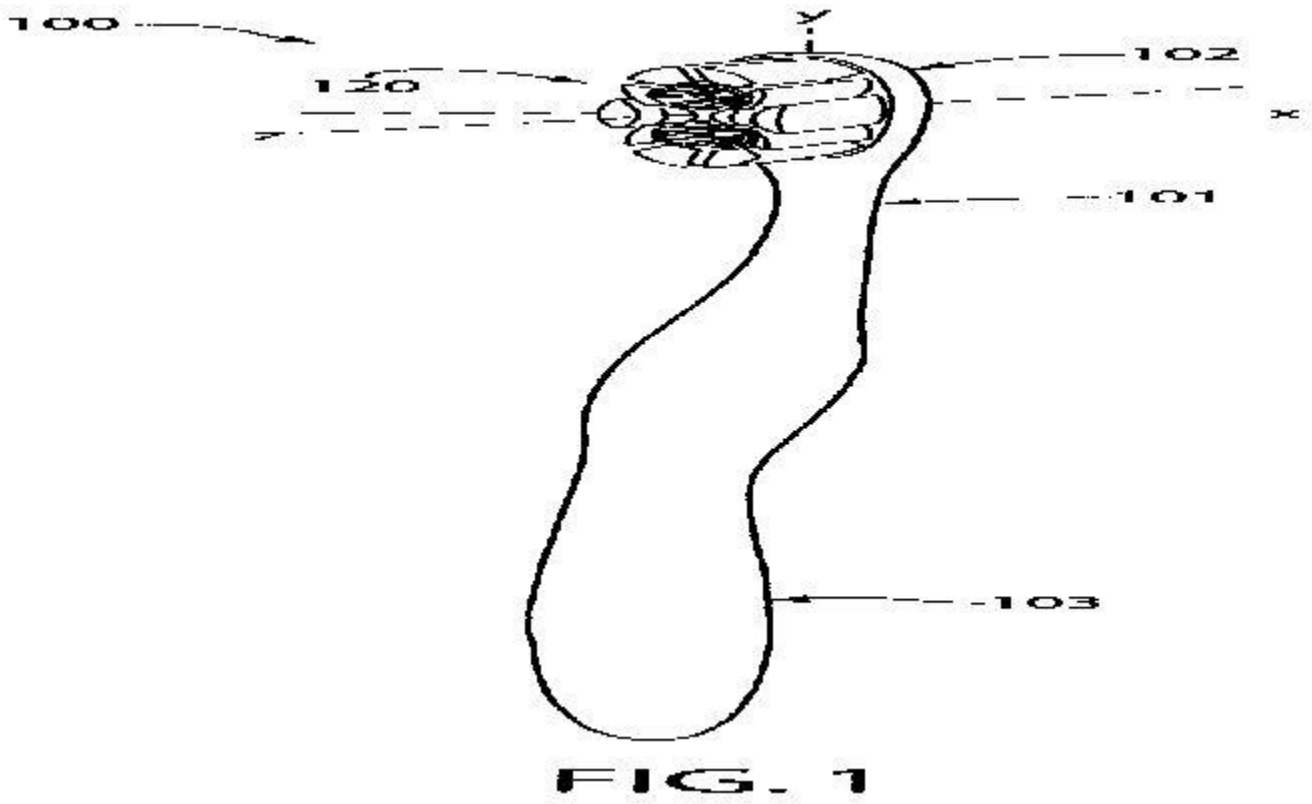


FIG. 1

No. of Pages : 34 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4677/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ORAL CARE IMPLEMENT HAVING MULTIPLE SOFT TISSUE CLEANER COMPONENTS

(51) International classification :A61C 17/22
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2009/068614
Filing Date :18/12/2009
(87) International Publication No :WO 2011/084115
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)ROONEY MICHAEL**
**3)MOSKOVICH ROBERT**
**4)PRINGIERS JACOB**
**5)CASINI LUCA**
**6)STORZ JOACHIM**
**7)KLAUSEGGER RAIMUND**

(57) Abstract :
An oral care implement with a soft tissue cleaner. The inventive oral care implement comprises different kinds of soft tissue cleaners that offer expanded in-mouth cleaning. In one aspect, the invention can be an oral care implement comprising: a handle; a head having a structural body having a front surface and a rear surface opposite the front surface; a basin formed into the rear surface of the structural body, the structural body comprising a protuberance extending upward from a recessed floor of the basin, the basin surrounding the protuberance; a first cleaner formed of a resilient material for cleansing soft oral tissue located within the basin, the protuberance of the structural body extending through a central hole of the first cleaner; and a second cleaner formed of a resilient material for cleansing soft oral tissue, the second cleaner located on the protuberance of the structural body.

No. of Pages : 36 No. of Claims : 59

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4678/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DEVICE FOR REMOVABLY FIXING A CONDUCTOR TO A CURRENT TRANSFORMER HOUSING

(51) International classification :H01F 27/06
(31) Priority Document No :10 2009 059 007.2
(32) Priority Date :17/12/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/070164
Filing Date :17/12/2010
(87) International Publication No :WO 2011/073434
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)LEIFER, CHRISTOPH**
**2)THORNER, CARSTEN**
**3)TRINH, DAT-MINH**

(57) Abstract :
The invention relates to a device for removably fixing a conductor (10) to a current transformer housing (12), comprising a fixing element (16) which runs through a retaining element (14) lying on the current transformer housing (12) and which at least partly sits against the surface of the conductor (10) when the conductor (10) is fixed on the current transformer housing (12). According to the invention, the fixing element (16) is designed such that when the conductor (10) is brought from an unfixed state and fixed on the current transformer housing (12), the fixing element (16) carries out a translational movement within the retaining element (14) along the longitudinal axis (54) of said fixing element in the direction of the conductor (10) and subsequently a rotational movement about the longitudinal axis (54) of said fixing element.

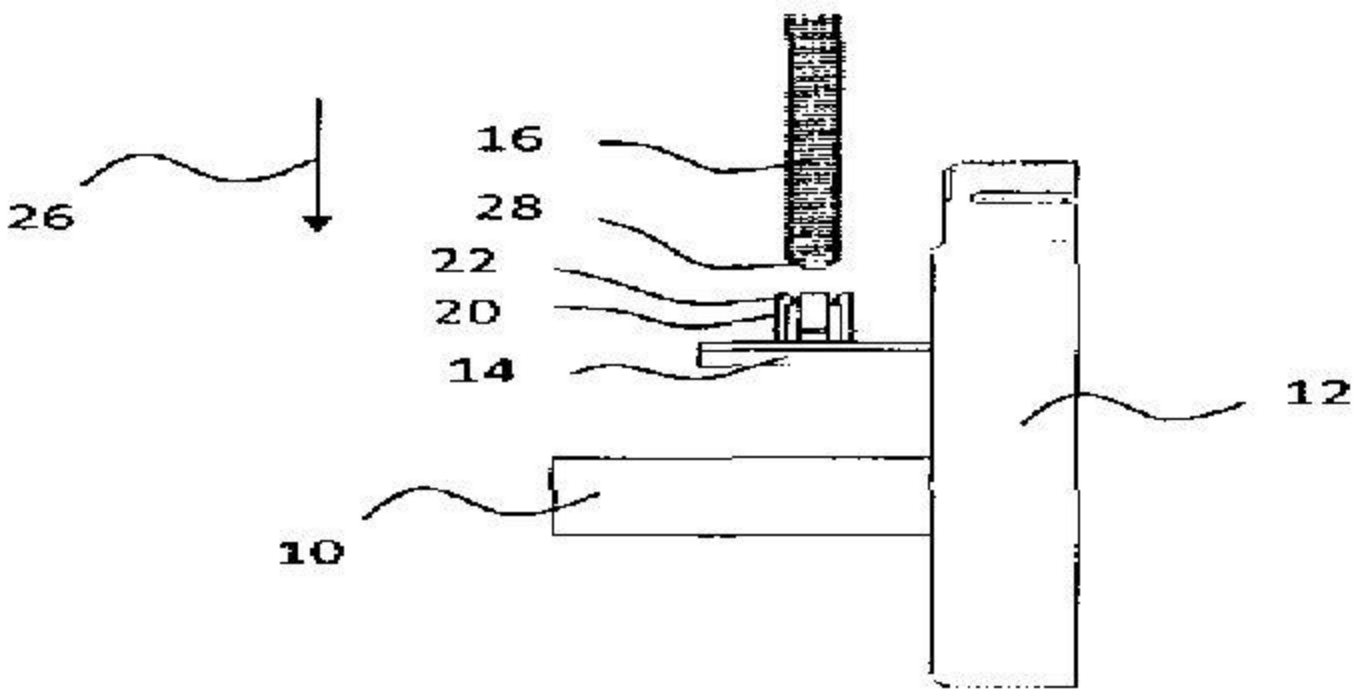



Fig. 3

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012
(21) Application No.4679/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CONNECTION SYSTEM FOR CONNECTING A SINGLE-ROW HOUSING TO A TERMINAL ELEMENT

(51) International classification :H01R 9/26
(31) Priority Document No :10 2009 059 011.0
(32) Priority Date :17/12/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/069961
Filing Date :16/12/2010
(87) International Publication No :WO 2011/073342
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)THORNER, CARSTEN**
**2)STOVESAND, PETER**
**3)OESSELKE, THOMAS**

(57) Abstract :
The invention relates to a connection system for connecting a single-row housing (12) to a terminal element (10), a terminal region (22) being provided on the single-row housing (12) for connecting the terminal element (10) to the single-row housing (12), the terminal region (22) being connected to a printed circuit board provided in the single-row housing (12). According to the invention, the terminal element (10) can be secured to the terminal region (22) by means of a plug contact (24).

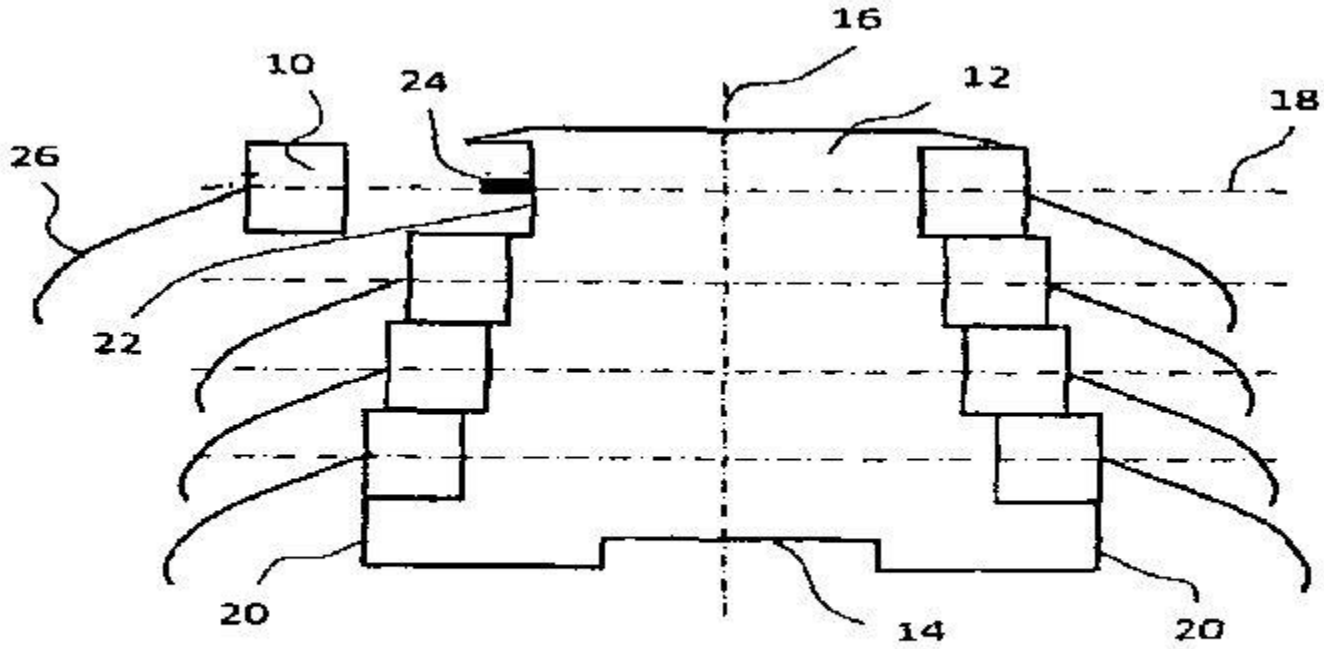



Fig. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.1599/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AMMUNITION WITH DEVICE FOR HOLDING THE PYROTECHNIC CHARGE OF THE AMMUNITION

(51) International classification :H04N
(31) Priority Document No :1101633
(32) Priority Date :27/05/2011
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)PATRICK COHE**
**2)BERTRAND DUBOIS**
**3)PASCAL RONDET**

(57) Abstract :
The invention relates to ammunition comprising, along a longitudinal axis XX, a fuse (20) in the form of a tip, an ammunition body (10) and a skirt (24), the ammunition body (10) of cylindrical form with axis of revolution AA merged with the longitudinal axis XX, having, between a front end and a rear end, a circular cylindrical wall delimiting a loading compartment containing a pyrotechnic charge, the ammunition body (10) being sealed at its front end by the fuse (20) and at its rear end by the skirt attached to the ammunition body. The ammunition body (10) includes, in the loading compartment, between its two ends, a central core (38) having n fins E1, E2,..Ei,...En each comprising at least one edge (b1), in the axis of revolution AA, attached to the skirt, i being the rank of the fin, n being greater than or equal to 1, to separate the pyrotechnic charge into at least two portions on either side of the fin Ei. Applications: cannon or mortar type ammunition; Figure: 4

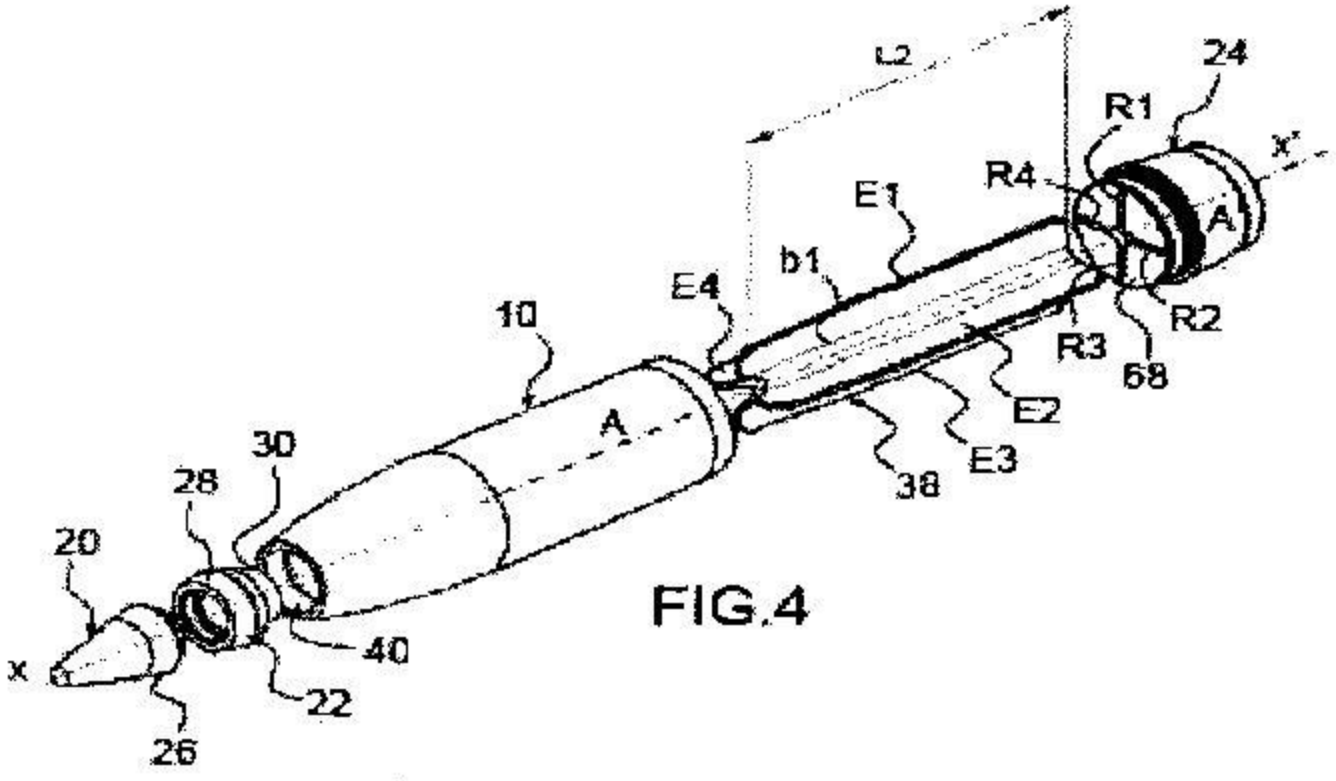



FIG.4

No. of Pages : 28 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/06/2012

(21) Application No.1877/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SUPPORT BODY OF HYBRID CONSTRUCTION FOR A TENSIONING DEVICE

(51) International classification :G06Q
(31) Priority Document No :102011081880.4
(32) Priority Date :31/08/2011
(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)SCHAEFFLER TECHNOLOGIES AG & CO. KG**
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(72)**Name of Inventor :**
**1)CHRISTOPHER KRAWIETZ**
**2)LAJOS FARKAS**
**3)KLAUDYNA DOMINIK**
**4)YVONNE GUCKEL**

(57) Abstract :
The invention relates to a tensioning device (2) of a traction drive mechanism of an internal combustion engine, comprising a pivoted support body (1) which bears against a traction means via a slide lining (3) and which is adjustable by means of a spring-loaded wedge device. The support body (1), of hybrid construction, comprises at least two components, a base part (6) including a receiving bore (9) and a functional part (7) connected to the slide lining (3) and to the wedge device. The separate components of the support body (1) are produced from matching or divergent materials and are joined to form a constructional unit.

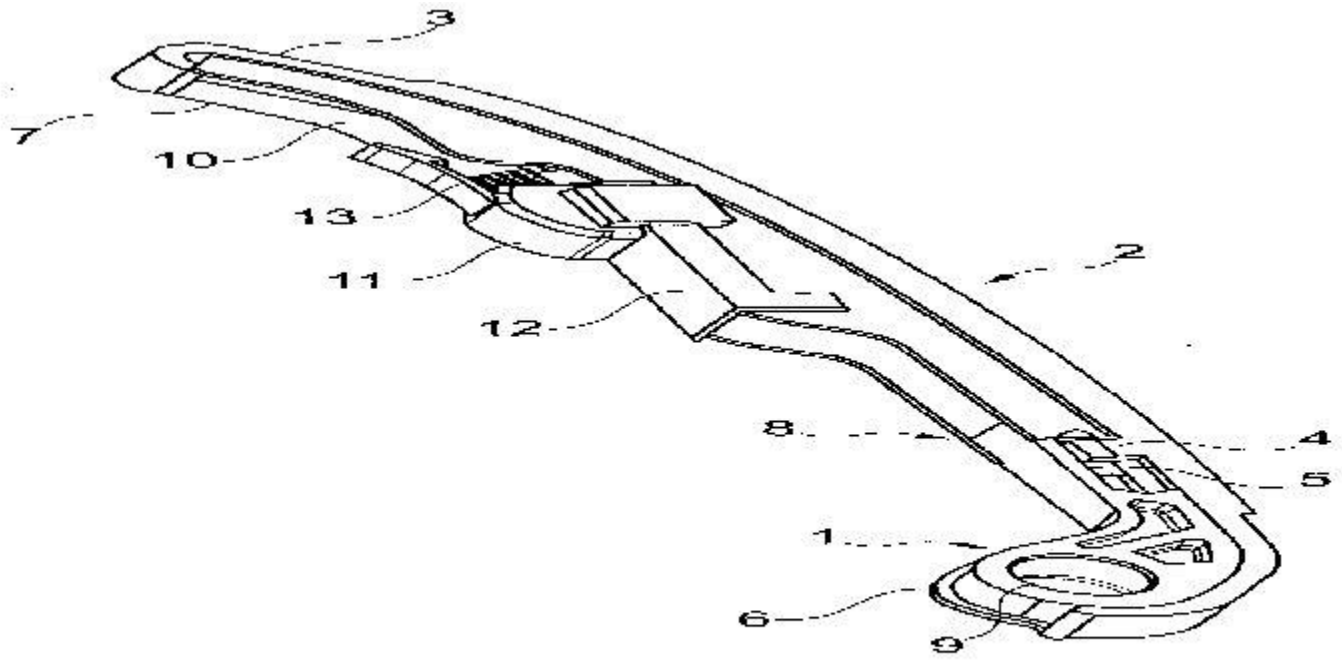



Fig. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/06/2012

(21) Application No.1878/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ROBUST METHOD FOR SKIVING AND CORRESPONDING APPARATUS COMPRISING A SKIVING TOOL

| | |
|---|---|
| (51) International classification | :F16B |
| (31) Priority Document No | :EP 11170677.6 |
| (32) Priority Date | :21/06/2011 |
| (33) Name of priority country | :EUROPEAN UNION |
| (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)KLINGELNBERG AG**
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(72)**Name of Inventor :**
**1)HARTMUTH MARX**
**2)OLAF VOGEL**

(57) Abstract :
The invention relates to a method and an apparatus for setting-in up and plunging a skiving tool (100) with respect to work piece (50; 70), on which a rotational-symmetric, periodic structure is to be manufacture with application of a skiving tool (100), wherein a radial feed motion in the direction of the work piece (50) is performed, so to bring the skiving tool (100) in contact with the work piece (50; 70) for the first time, and the skiving tool (100) is plunged from the moment of the first contact down to a predetermined depth in a radial plunging movement, before the proper skiving of the rotation-symmetric, periodic structure is carried out.

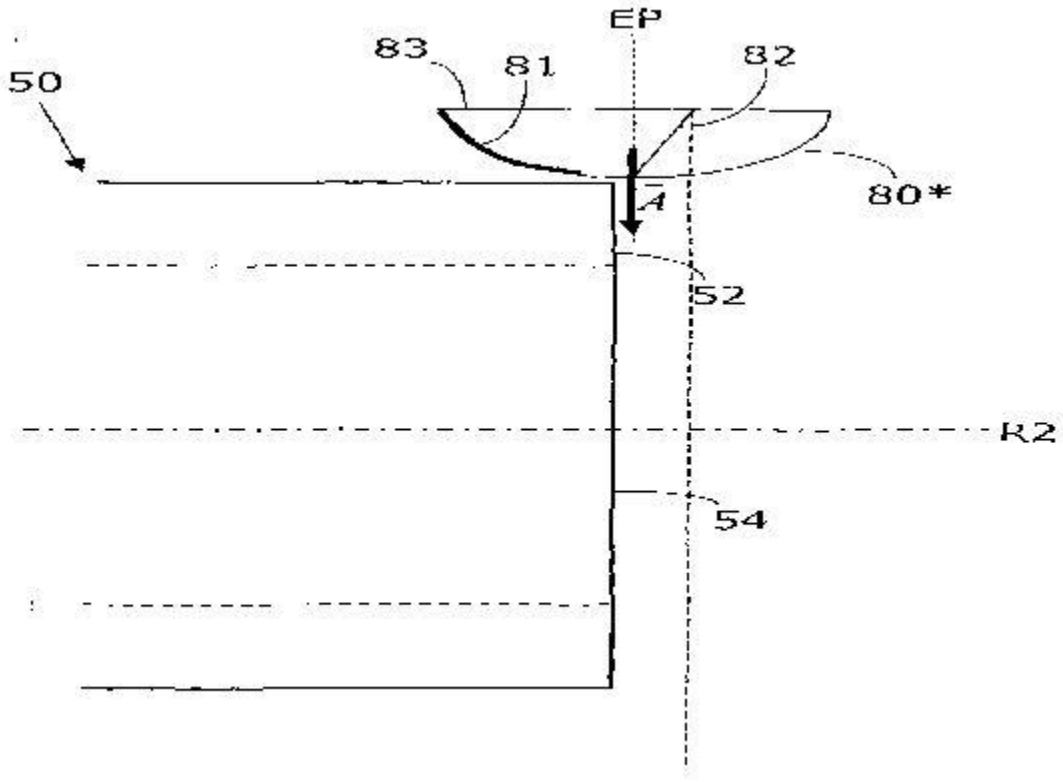



Fig. 11A

No. of Pages : 59 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.4687/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS FOR THE STIMULATION OF STEM CELLS

(51) International classification :A61K 38/18
(31) Priority Document No :PCT/EP2009/066251
(32) Priority Date :02/12/2009
(33) Name of priority country :PCT
(86) International Application No :PCT/EP2010/068700
Filing Date :02/12/2010
(87) International Publication No :WO 2011/067317
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)CARDIO3 BIOSCIENCES S.A.**
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(72)**Name of Inventor :**
**1)GORDON-BERESFORD, ROLAND**
**2)GAUSSIN, VINCIANE**
**3)LATERE DWAN'ISA, JEAN-PIERRE**
**4)HOMASY, CHRISTIAN**

(57) Abstract :
The invention relates to a human or veterinary pharmaceutical composition (B) for the stimulation of stem cells, comprising at least two stem cells-stimulating agents and at least on pharmaceutically acceptable excipient

No. of Pages : 24 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.4688/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : IMIDAZOPYRIDINE DERIVATIVES AS JAK INHIBITORS

(51) International classification :C07D 471/04
(31) Priority Document No :09382303.7
(32) Priority Date :24/12/2009
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2010/007913
Filing Date :23/12/2010
(87) International Publication No :WO 2011/076419
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**1)PAUL ROBERT EASTWOOD**
**2)JACOB GONZALEZ RODRIGUEZ**
**3)JORDI BACH TANA**
**4)LLUIS MIQUEL, PAGES SANTACANA**
**5)JOAN TALTAVULL MOLL**
**6)JUAN FRANCISCO CATURLA JAVALOYES**
**7)VICTOR GIULIO MATASSA**

(57) Abstract :
New imidazopyridine derivatives having the chemical structure of formula (I) are disclosed; as well as process for their preparation, pharmaceutical compositions comprising them and their use in therapy as inhibitors of Janus Kinases (JAK).

No. of Pages : 374 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/04/2012

(21) Application No.1272/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : NEW ASSOCIATION BETWEEN 4-{3-[CIS-HEXAHYDROCYCLOPENTA[C]PYRROL-2(1H)-YL]PROPOXY}BENZAMIDE AND AN ACETYLCHOLINESTERASE INHIBITOR, AND PHARMACEUTICAL COMPOSITIONS CONTAINING IT.

(51) International classification :C07C
(31) Priority Document No :11/01347
(32) Priority Date :02/05/2011
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :na
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)LES LABORATOIRES SERVIER**
Address of Applicant :35 RUE DE VERDUN, F-92284 SURESNES CEDEX, FRANCE France
(72)**Name of Inventor :**
**1)CARYN TROCME-THIBIERGE**
**2)AURORE SORS**
**3)FLORENCE KEIME-GUIBERT**
**4)NA**
**5)NA**

(57) Abstract :
Association between 4-{3-[cis-hexahydrocyclopenta[c]pyrrol-2(lH)-yl]propoxy}benzamide of formula (I): or an addition salt thereof with a pharmaceutically acceptable acid or base, and an acetylcholinesterase inhibitor. Medicaments.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012
(21) Application No.1597/DEL/2012 A
(43) Publication Date : 04/12/2015

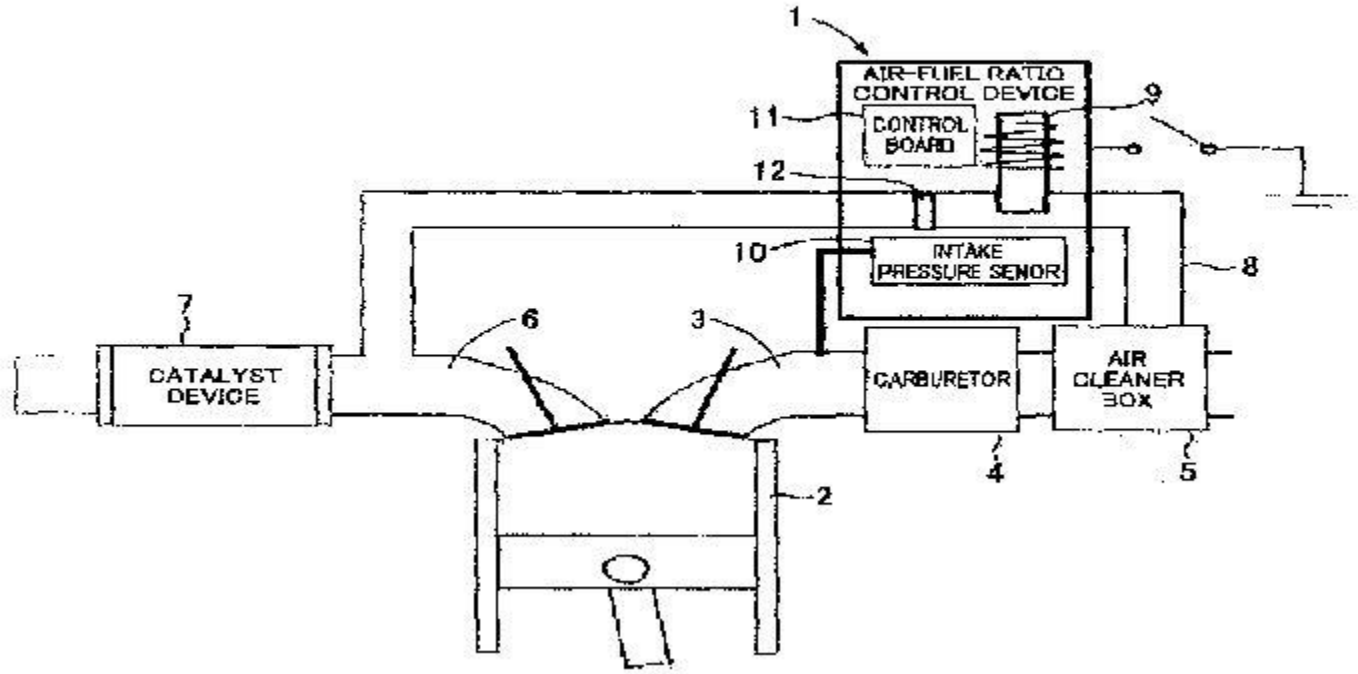
(54) Title of the invention : AIR-FUEL RATIO CONTROL DEVICE

(51) International classification :F23C
(31) Priority Document No :2011-171312
(32) Priority Date :04/08/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)KEIHIN CORPORATION**
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(72)**Name of Inventor :**
**1)SUGIURA, FUMIHIKO**
**2)CHIDA, SATOSHI**
**3)MATSUZAKI, KOJI**

(57) Abstract :
An air-fuel ratio control device 1 of an internal combustion engine 2 controls an air-fuel ratio of exhaust flowing into a catalyst device 7 by changing an amount of secondary air introduced to an upstream side of the catalyst device 7 from an upstream side of carburetor 4 through a bypass passageway 8. The air-fuel ratio control device 1 is configured to accommodate within one housing, a solenoid valve 9 which opens and closes the bypass passageway 8 and a control board 11 which controls the air-fuel ratio by controlling a rate of a closed duration of the solenoid valve 9 within a predetermined duration.

FIG.1




No. of Pages : 23 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.4690/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND APPARATUS FOR REDUCING CONDENSATE RELATED DEFECTS IN A GLASS MANUFACTURING PROCESS

(51) International classification :C03B 5/18
(31) Priority Document No :61/265.060
(32) Priority Date :30/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/057729
Filing Date :23/11/2010
(87) International Publication No :WO 2011/066248
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)MARK A. COOK**
**2)RAYMOND E. FRALEY**

(57) Abstract :
The present invention is directed toward an apparatus and method of reducing contamination of a glass melt by oxide particulates, such as particulates of platinum oxide, which may condense on the inside surfaces of a stir chamber, particularly the stir shaft, and fall back into the glass melt. The apparatus includes a condensation collection vessel arranged annularly around the stir shaft of a stirring device. The collection vessel is located above the free surface of the molten glass occupying the stir chamber and serves to collect any condensed particulates that have formed on the stir chamber cover or gaps within the cover itself. By collecting the condensate, defects in the final glass product that would otherwise be created by the condensate, can be avoided. A method of stirring a glass melt is also provided.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.4691/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD OF INSERTION OF POROUS MATERIALS IN MICROFLUIDIC DEVICES

(51) International classification :B01D 61/18
(31) Priority Document No :0958542
(32) Priority Date :01/12/2009
(33) Name of priority country :France
(86) International Application No :PCT/US2010/058192
Filing Date :29/11/2010
(87) International Publication No :WO 2011/068753
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**2)CLEMENS R. HORN**
**3)ELENA D. LAVRIC**
**4)RONAN TANGUY**
**5)JEAN WAKUNSIMBA**

(57) Abstract :
A microfluidic device comprises a glass, ceramic or vitroceramic structure, with at least one microfluidic pathway, holding a porous membrane intersecting said microfluidic pathway, characterized in that said glass structure is made of a first glass material with a first Softening Point (SP) and a first Thermal Expansion Coefficient (TEC), said porous membrane is made of a second glass material with a second softening point and a second Thermal Expansion Coefficient ; wherein the second Softening Point is different from the first softening point whereas the second Thermal Expansion Coefficient is close to the first Thermal Expansion Coefficient.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.4692/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : 'METHOD FOR DESIGNING A TYRE, AND TYRE

(51) International classification :B60C 11/04
(31) Priority Document No :0958728
(32) Priority Date :08/12/2009
(33) Name of priority country :France
(86) International Application No :PCT/EP2010/068888
Filing Date :03/12/2010
(87) International Publication No :WO 2011/069927
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**2)MICHELIN RECHERCHE ET TECHNIQUE S.A.**
(72)**Name of Inventor :**
**1)SYLVIE LHOSPITALIER**

(57) Abstract :
Method of designing a tyre intended to be fitted to the steered axle of a heavy goods vehicle, this tyre having a nominal sidewall height F, this tyre comprising a tread (1) in the new state having a maximum total width Lo for maximum contact with the ground and being provided with at least four circumferential grooves (2) each having a width and each extending between the tread surface of the tread and a groove bottom, these grooves (2) delimiting three intermediate ribs (3) and two edge ribs (4) axially bounding the said tread, each edge rib (4) having two lateral walls (401, 402), one of these lateral walls, known as the internal lateral wall, having a height PREp measured with respect to the bottom of the groove (2) delimiting the said edge rib, this internal lateral wall having, when viewed in section on a plane containing the axis of rotation, an inclination DEp, each edge rib having a width LEp greater than the width of each of the intermediate ribs, this design method involving iteratively determining values for the dimensions LEp, PREp and DEp that satisfy the following relationship: P(LEp, DEp, PREp) < 1.105769231 x F, with P(LEp, DEp, PREp) = -303.528 - 2.00675 x LEp + 10.2755 x DEp + 81.0414 x PREp - 0.052551 x LEp2 - 0.0825991 x LEp x DEp + 0.225564 x LEp x PREp - 0.111262 x DEp2 - 0.209215 x DEp x PREp - 2.5831 x PREp2. Tyre intended to be fitted to the steered axle of a heavy goods vehicle in which the edge rib widths and lateral wall angles are predetermined.

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/06/2012

(21) Application No.1885/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : WORKING INSERT FOR AN ENDOSCOPIC HOLLOW SHANK INSTRUMENT

| | | |
|---|---|---|
| (51) International classification | :G06Q | (71)**Name of Applicant :** |
| (31) Priority Document No | :10 2011 105 442.5 | **1)RICHARD WOLF GMBH** Address of Applicant :PFORZHEIMER STRAE 32, |
| (32) Priority Date | :24/06/2011 | KNITTLINGEN 75438 (DE) Germany |
| (33) Name of priority country | :Germany | (72)**Name of Inventor :** |
| (86) International Application No | :NA | **1)KNODEL, FRANK** |
| Filing Date | :NA | **2)BARTOLIC, JOSEF** |
| (87) International Publication No | : NA | **3)KOERNER, EBERHARD** |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :
A working insert for an endoscopic hollow shank instrument comprises a shank, on whose outer side a monopolar working electrode axially displaceable relative to the shank is arranged. The working electrode is connected to the shank at a distal end section of the shank via a guide component which forms an electrical insulation between the working electrode and the shank.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/06/2012

(21) Application No.1887/DEL/2012 A
(43) Publication Date : 04/12/2015

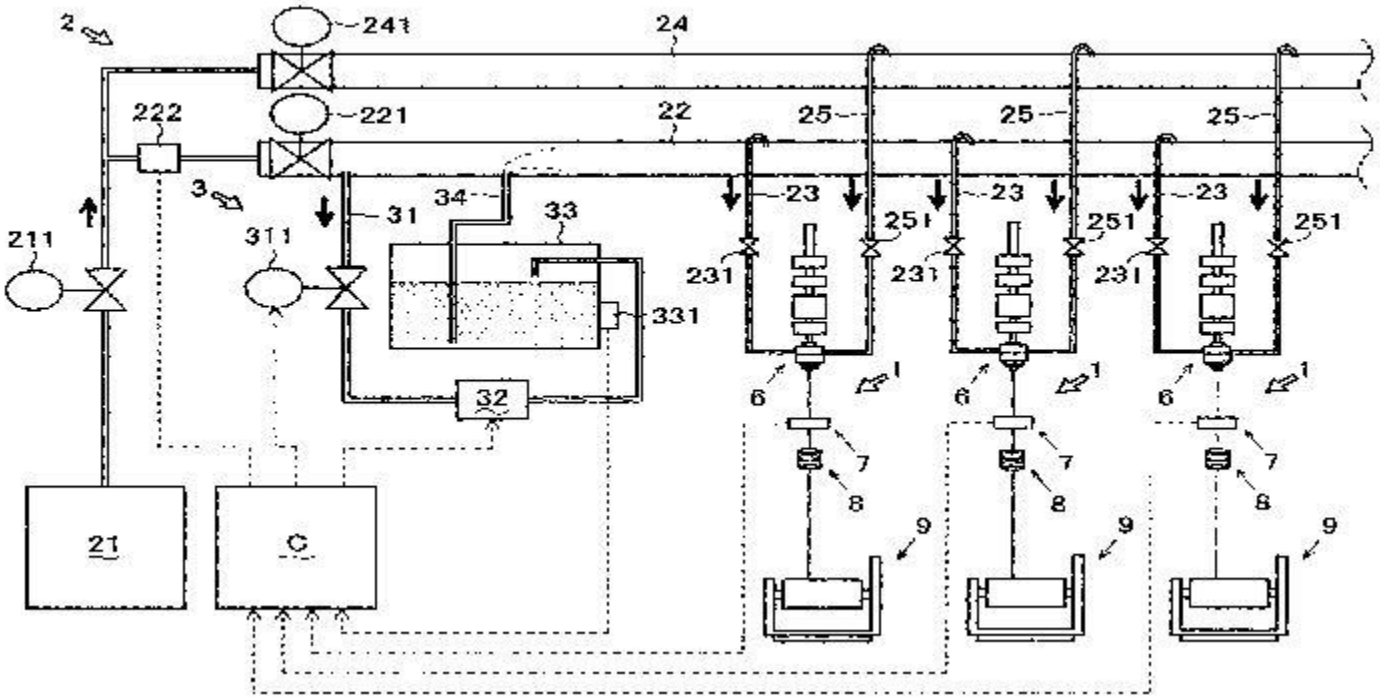
(54) Title of the invention : SPINNING MACHINE AND SPUN YARN PRODUCING METHOD

(51) International classification :D01H1/00
(31) Priority Document No :2011206505
(32) Priority Date :21/09/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)SAKAMOTO NAOTAKA**
**2)OTA NARITOSHI**

(57) Abstract :
A spinning machine (100) that produces a spun yarn (Y) by spinning fibers using whirling airflow includes an additive supplying device (3) that supplies an additive to air to apply a prescribed function to the spun yarn (Y) . The additive supplying device (3) supplies the additive for applying at least one of an antibacterial function, an odor preventing function, an odor eliminating function, and an unwinding function to the spun yarn (Y) . A volume of the additive to be supplied to the spun yarn (Y) is set to at least 0.01% and at most 0.2% of a weight of the produced spun yarn (Y) per unit length.

FIG. 7




No. of Pages : 34 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.4695/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : NEBULIZER

(51) International classification :A61M 15/00
(31) Priority Document No :09014680.4
(32) Priority Date :25/11/2009
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2010/067902
Filing Date :22/11/2010
(87) International Publication No :WO 2011/064164
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**2)JENS BESSELER**
**3)HOLGER HOLAKOVSKY**
**4)MARKUS KAEMPER**
**5)MANUEL DAELMAN**
**6)GILBERT WUTTKE**

(57) Abstract :
A nebulizer is proposed which comprises an insertable container and a counter device for counting operations of the nebulizer. The nebulizer can be opened for replacing the container. The counter devices blocks opening of the nebulizer until a predetermined number for operations has been reached. (Fig. 10)

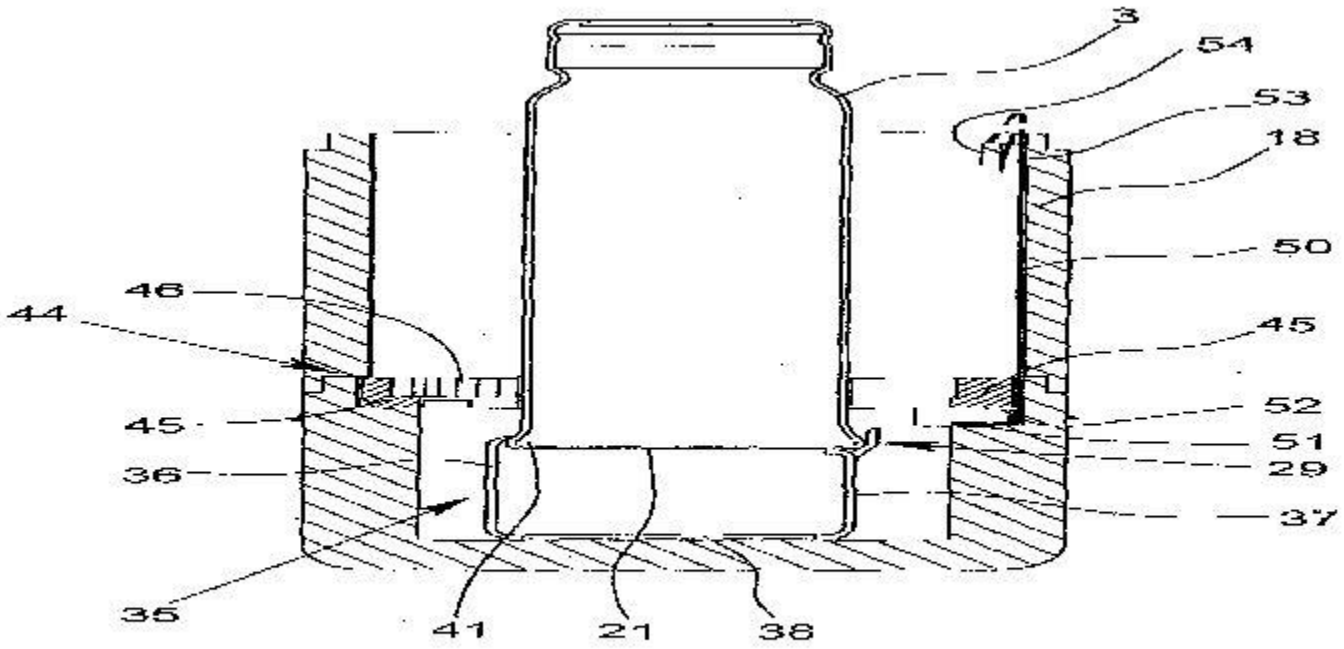



Fig. 10

No. of Pages : 48 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.4696/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR CORRECTING THE COMBUSTION SETTINGS OF A SET OF COMBUSTION CHAMERS AND APPARATUS IMPLMENTING THE METHOD

(51) International classification :F23C 6/02
(31) Priority Document No :0905752
(32) Priority Date :30/11/2009
(33) Name of priority country :France
(86) International Application No :PCT/IB2010/055454
Filing Date :26/11/2010
(87) International Publication No :WO 2011/064752
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)PATRICK GIRAUD**

(57) Abstract :
the invention relates to a method for real-time, continous adjustment of a set of thermal combustion chambers (2, 2i) having similar characteristics supplied by the same combustive agent (8) and fuel (9) networks, according to which one of the chambers (2i) is used as a reference chamber, combustion parameters are measured (7) in the fumes output from the reference chamber, and the control parameters of all the chambers (2) are adjusted according to the combustion parameters measured at the output of the reference chamber (2i), in particular according to the ratio of combustive agent to fuel and/or the composition of the combustive agent and/or fuel.

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.4697/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HIGH-STRENGTH STEEL HAVING EXCELLENT HYDROGEN EMBRITTLEMENT RESISTANCE AND MAXIMUM TENSILE STRENGTH OF 900 MPA OR MORE, AND PROCESS FOR PRODUCTION THEREOF

(51) International classification :C22C 38/06
(31) Priority Document No :2009-272075
(32) Priority Date :30/11/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/071776
Filing Date :30/11/2010
(87) International Publication No :WO 2011/065591
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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**2)NORIYUKI SUZUKI**
**3)NAOKI MARUYAMA**
**4)AKINOBU MURASATO**
**5)YASUHARU SAKUMA**
**6)HIROYUKI KAWATA**
**7)CHISATO WAKABAYASHI**

(57) Abstract :
High strength steel plate with an ultimate tensile strength of 900 MPa or more which is excellent in hydrogen embrittlement resistance characterized in that, in the structure of the steel plate, (a)by volume fraction, ferrite is present in 10 to 50%, bainitic ferrite and/or bainite in 10 to 60%, and tempered martensite in 10 to 50%, and (b) iron-based carbides which contain Si or Si and Al in 0.1% or more are present in 4xl08 (particles/mm3) or more.

No. of Pages : 74 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012
(21) Application No.4698/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ANTI-TUMOR EFFECT POTENTIATOR

(51) International classification :A61K 31/513
(31) Priority Document No :2009-272738
(32) Priority Date :30/11/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/071280
Filing Date :29/11/2010
(87) International Publication No :WO 2011/065541
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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**2)TATSUSHI YOKOGAWA**
**3)SEIJI MIYAHARA**
**4)HITOSHI MIYAKOSHI**
**5)WAKAKO YANO**
**6)JUNKO TAGUCHI**
**7)YAYOI TAKAO**

(57) Abstract :
There is provided an agent for potentiating the effects of an anti-tumor agent. An anti-tumor effect potentiator containing, as an active ingredient, a uracil compound represented by the following formula (I) or a pharmaceutically acceptable salt thereof: wherein X represents a C1-5 alkylene group and one of methylene groups constituting the alkylene group is optionally substituted with an oxygen atom; R1 represents a hydrogen atom or a C1-6 alkyl group; R2 represents a hydrogen atom or a halogen atom; and R3 represents a C1-6 alkyl group, a C2-6 alkenyl group, a C3-6 cycloalkyl group, a (C3-6 cycloalkyl) C1-6 alkyl group, a halogeno-C1-6 alkyl group or a saturated heterocyclic group.

No. of Pages : 94 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2012
(21) Application No.1563/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : REAR SEAT MOUNTING PART STRUCTURE

(51) International classification :A47J
(31) Priority Document No :2011-118974
(32) Priority Date :27/05/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)TAKENAKA, SHO**

(57) Abstract :
A rear seat mounting part structure for a vehicle, including a reinforcing member (5) which extends in the vehicle longitudinal direction along the lower surface of a spare tire housing, the front end of which is rigidly connected to a cross member, and the rear end of which is joined to a back panel; and a seat bracket (6) that integrally has a flange part (61) joined to the upper surface of a rear floor panel in front of the spare tire housing and a mounting part (62) to mount a lower part (13) of a rear seat (1) disposed in the rear portion of a passenger compartment to the vehicle body side, the reinforcing member (5) has an expanding part (52) expanding in the vehicle width direction in front of the spare tire housing, and the flange part (61) of the seat bracket (6) includes first joined points (6a) at which the flange part (61) is joined to the expanding part (52) via the rear floor panel in a three-piece lapped state.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2012
(21) Application No.1564/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SURFACE-MODIFIED BILE-SALT STABILIZED NON-IONIC SURFACTANT NANO-VESICLES FOR ORAL DELIVERY OF BIOACTIVES

(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)PANJAB UNIVERSITY**
Address of Applicant :PUNJAB UNIVERSITY, SECTOR 14, CHANDIGARH-160014, INDIA Punjab India
(72)**Name of Inventor :**
**1)SHUKLA, ANSHUMAN**
**2)SINGH BHOOP, BHUPINDER**
**3)KATARE, OM PRAKASH**
**4)VYAS, SURESH P.**

(57) Abstract :
The present invention relates to a pharmaceutical formulation comprising a bioactive pharmaceutical entrapped within the aqueous core of the novel surface-modified bile-salt-stabilized nano-vesicular delivery system. The novel surface-modified bile-salt-stabilized nano-vesicular delivery system comprises an aqueous core within a non-ionic surfactant bilayer stabilized with bile salt, wherein the outer membrane of the bilayer is coated with a mucoadhesive agent i.e. chitosan. The present invention also provides a vaccine formulation comprising of nano-vesicular delivery system. The vaccine can be used for the induction of systemic as well as mucosal antibody response against various infectious diseases including diphtheria.

No. of Pages : 47 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/06/2012

(21) Application No.1907/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A BRAKE

(51) International classification :B60T
(31) Priority Document No :1110556.6
(32) Priority Date :22/06/2011
(33) Name of priority country :U.K.
(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)MERITOR HEAVY VEHICLE BRAKING SYSTEMS (UK) LIMITED**
Address of Applicant :GRANGE ROAD, CWMBRAN NP44 3XU, GWENT, UNITED KINGDOM U.K.
(72)**Name of Inventor :**
**1)REFAAT MALKI**
**2)MARTIN TAYLOR**

(57) Abstract :
A brake having an adjustable tappet for applying a brake force to a brake pad, a tappet having a rotating part in threaded engagement with a non-rotating part, the rotating part including a tappet gear, an adjuster mechanism for selectable rotating the tappet gear, the adjuster mechanism having a clutch with a driving clutch plate in frictional engagement with a driven clutch plate, the driven clutch plate having external teeth in direct meshing engagement with the tappet gear.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/06/2012

(21) Application No.1908/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : VEHICLE SECURITY SYSTEM

(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 :**
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(72)**Name of Inventor :**
**1)RAKESH RAMGOTRA**

(57) Abstract :
This device is collectable known as car security system. It is used in car as antitheft system. If this system is fit.in any of the vehicle. Nobody can dare to steal your vehicle. If this will happen (some body steal your vehicle), you can switch off your vehicle, while sitting at your home and made the thief to leave your vehicle and run away just by using your or any mobile/phone. Also, you can find your vehicle anywhere in the world with in 2- 3 working days.

No. of Pages : 2 No. of Claims : 0

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.4708/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR MAKING BOROSILICATE ZSM-48 MOLECULAR SIEVES

(51) International classification :C01B 39/12
(31) Priority Document No :12/612,824
(32) Priority Date :05/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/053750
Filing Date :22/10/2010
(87) International Publication No :WO 2011/056470
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)CHEVRON U.S.A. INC.**
Address of Applicant :6001 BOLLINGER CANYON ROAD, SAN RAMON, CA 94583, UNITED STATES OF AMERICA U.S.A.
(72)**Name of Inventor :**
**1)BURTON, ALLEN, W.**

(57) Abstract :
The present invention is directed to a borosilicate ZSM-48 molecular sieve having a mole ratio of between 40 and 400 of silicon oxide to boron oxide, synthesized using novel structure directing agents. Also disclosed are processes using a borosilicate ZSM-48 as a catalyst for the selective hydroconversion of heavy normal paraffins into lighter normal paraffin products, with minimal formation of isoparaffins.

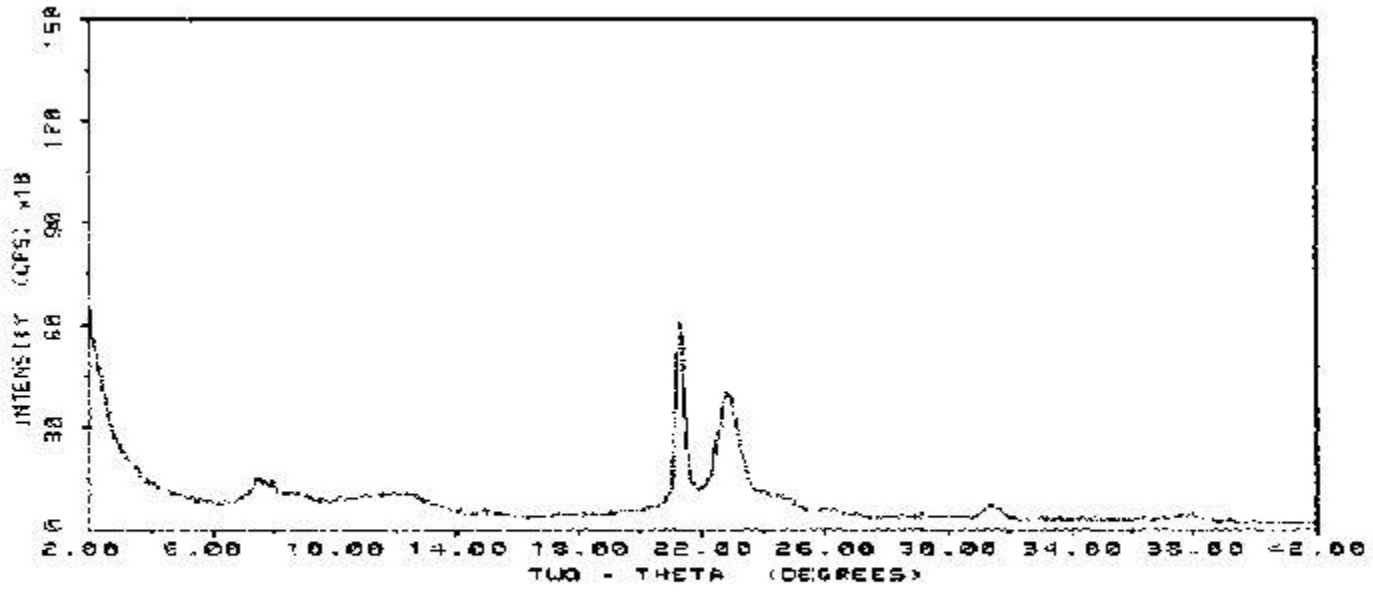



FIG. 1

No. of Pages : 42 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/06/2012
(21) Application No.1840/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MOTION CORRECTION OF SPECT IMAGES

(51) International classification :G06F
(31) Priority Document No :13/165562
(32) Priority Date :21/06/2011
(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)GENERAL ELECTRIC COMPANY**
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(72)**Name of Inventor :**
**1)SACHS, JONATHAN**
**2)VOLOKH, LANA**
**3)HEFETZ, YARON**

(57) Abstract :
The present disclosure relates approaches for removing or reducing the effects of motion in parallel and non-parallel data acquisitions using a nuclear medicine imaging system. In certain embodiments, translation vectors (130) are derived based on a registration (120) performed on transaxial slices (116) generated from the acquired projection data (104). The translation vectors (130) may be employed to update (142) a system matrix (11 0) such that images generated using the updated system matrix (144) are free or motion artifacts or have reduced motion artifacts.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/06/2012

(21) Application No.1909/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DETACHABLE CULTIVATOR ARM EXTENSION

(51) International classification :F16B
(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)RAGHVENDRA SAHU**
Address of Applicant :LECTURER IN CIVIL ENGINEERING MM ENGINEERING COLLEGE, MM UNIVERSITY, MULLANA-133207, DISTT, AMBALA, HARYANBA Haryana India
**2)JAYANT H VERMA**
**3)GIRIRAJ VERMA**
(72)**Name of Inventor :**
**1)RAGHVENDRA SAHU**
**2)JAYANT H VERMA**
**3)GIRIRAJ VERMA**

(57) Abstract :
Cultivation is one of the field operation carried out by using cultivator mounted on tractor

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.4712/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR SEALING A BAG BODY

(51) International classification :B29C 65/02
(31) Priority Document No :A1855/2009
(32) Priority Date :23/10/2010
(33) Name of priority country :Austria
(86) International Application No :PCT/AT2010/000410
Filing Date :29/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)LOHIA STARLINGER LIMITED**
Address of Applicant :D3A/A PANKI INDUSTRIAL ESTATE, KANPUR - 208 22 Uttar Pradesh India
(72)**Name of Inventor :**
**1)WORFF, HERWIG**
**2)SCHOBESBERGER, ERNESTO**

(57) Abstract :
The invention provides a method for sealing a bag body made from a fabric made from monoaxially drawn polymer strips. The steps of folding the open ends of a bag body and welding are used in such a way that the material of the bag is weakened as little as possible as a result of the seal formation, so that the sealed bag does not tear, in particular in the vicinity of the seal, even under high mechanical loads. In addition, the invention enables a significantly increased throughput speed for bag manufacture compared with the manufacture of a conventionally sewn sealed bag. Furthermore, the invention increases process reliability, reduce machine maintenance, minimise production costs and guarantee visual appeal. In doing so, the invention relates mainly to bags with a cushion shape.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.4713/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DEVICE FOR REDUCING THE AIR RESISTANCE OF A SEMITRAILER VEHICLE

(51) International classification :B62D 53/08
(31) Priority Document No :10 2004 04566.3
(32) Priority Date :18/09/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP05/009483
Filing Date :03/09/2005
(87) International Publication No :WO 2006/029732
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1711/DELNP/2007
Filed on :05/03/2007

(71)**Name of Applicant :**
**1)JOST-WERKE GMBH & CO. KG**
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(72)**Name of Inventor :**
**1)JOSE ALGUERA**

(57) Abstract :
Device for reducing the air resistance of a semitrailer vehicle, comprising a traction vehicle (1) and semitrailer (2) having a displacement device (21) for displacing the fifth wheel (5) in the longitudinal direction of the traction vehicle (1), having at leas one wind deflector (10a, 10b) which is arranged pivotably on the drivers cabin of the traction vehicle (1), the displacement device (21) and the wind deflector (10a, 10b) having motorized drive devices (13, 23a, 23b) and position sensors (S1, S3), the drive devices (13, 23a, 23b) and the position sensors (S1 S3) being connected to a common control device (40).

No. of Pages : 28 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.4714/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HOUSING-TYPE PIPE JOINT

(51) International classification :F16L 21/06
(31) Priority Document No :2009-282464
(32) Priority Date :14/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/072259
Filing Date :10/12/2010
(87) International Publication No :WO 2011/074498
(61) 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 VICTAULIC COMPANY OF JAPAN LIMITED**
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(72)**Name of Inventor :**
**1)IKEDA, SHINTARO**
**2)NODA, YUJI**

(57) Abstract :
Provided is a housing type pipe joint to enable the confirmation of an appropriate fastening degree of a joint and reduce a load of a fastening work. The housing-type pipe joint includes a pair of joint segments, an elastic seal ring, and a fastening means fastening the pair of joint segments, in which the joint segments each have an arc portion, flange portions extending from both ends of the arc portion, a concave groove formed in an inner peripheral surface of the arc portion to have the elastic seal ring fit therein, and in which the fastening means makes the flanges of the both joint segments approach each other to make the arc portions bend so that radii of curvature of the arc portions become smaller, and when, as a result of the bending, peripheral edges of the arc portions match outer surfaces of the pipes that are to be coupled, the coupling of the pipes is completed, the housing-type pipe joint including marks on the peripheral edge regions of the arc portions, wherein, when the peripheral edges of the arc portions corresponding to the marks come into contact with the outer surfaces of the pipes, the coupling of the pipes is completed.

No. of Pages : 41 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2012

(21) Application No.1565/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR CONTROLLING FUEL INJECTION IN A MULTI-FUEL INTERNAL-COMBUSTION ENGINE IN THE EVENT OF PRESSURE JUMPS

| | | |
|---|---|---|
| (51) International classification | :A63K | (71)**Name of Applicant :** |
| (31) Priority Document No | :BO2011A 000292 | **1)MAGNETI MARELLI S. P. A.** Address of Applicant :CORBETTA - VIALE ALDO |
| (32) Priority Date | :23/05/2011 | BORLETTI, 61/63, ITALY Italy |
| (33) Name of priority country | :Italy | (72)**Name of Inventor :** |
| (86) International Application No | :NA | **1)STEFANO SGATTI** |
| Filing Date | :NA | **2)FABIO SENSI** |
| (87) International Publication No | :NA | **3)NICOLA GARAGNANI** |
| (61) Patent of Addition to Application Number | :NA | **4)MASSIMO ZANOTTI** |
| Filing Date | :NA | **5)ROBERTO ATZORI** |
| (62) Divisional to Application Number | :NA | **6)FILIPPO CAVANNA** |
| Filing Date | :NA | |

(57) Abstract :
A method for controlling fuel injection in a multifuel internal-combustion engine (1) that can inject alternatively a liquid fuel and a gaseous fuel; the control method envisages the steps of: injecting the gaseous fuel by means of at least one corresponding injector (15); cyclically measuring the pressure (Prail) of the gaseous fuel within the common channel (22); determining at least one upper-limit threshold (Prail-min; Prail-max) for the pressure (Prail) of the gaseous fuel within the common channel (22) ; comparing the pressure (Prail) of the gaseous fuel within the common channel (22) with the upper-limit threshold (Prail-min; Prail-max) ; and carrying out an automatic fuel switch from the gaseous fuel to the liquid fuel when the pressure (Prail) of the gaseous fuel within the common channel (22) exceeds the upper-limit threshold (Prail-min; Prail- max)

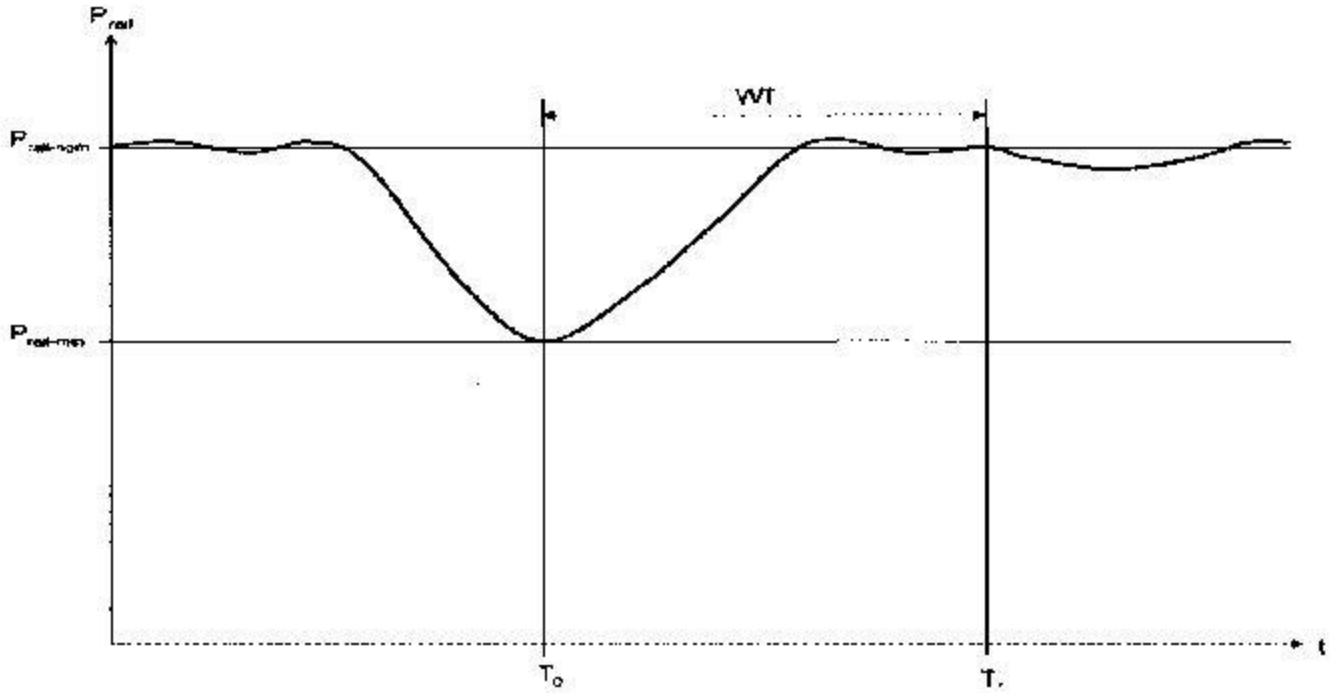



Fig. 6

No. of Pages : 42 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2012
(21) Application No.1567/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AN IMPROVED SOLAR SELECTIVE MULTI LAYER COATING AND A METHOD OF DEPOSITING THE SAME

(51) International classification :C07C
(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)INTERNATIONAL ADVANCED RESEARCH CENTRE FOR POWDER METALLURGY AND NEW MATERIALS (ARCI)**
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(72)**Name of Inventor :**
**1)KRISHNA VALLETI**
**2)SHRIKANT VISHWANATH JOSHI**

(57) Abstract :
The present invention relates to an improved solar selective multi-layer film structure constituting Metal (M)/High Metal Volume fraction Nitride Cermet (HMVNC)/Nitride Cermet (NC)/Anti Reflection nitride material (AR) with combinations of the form HMVNC/NC/AR, M/NC/AR, M/HMVNC/NC/AR or their variants, to maximize absorption (a) and minimize emission (E) with high solar selectivity ($\alpha/\varepsilon$), that can be used in very high temperature working environments. The invention also relates to the use of Physical Vapor Deposition (PVD) processes for the development of the above metal based nitride solar selective coatings.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2012

(21) Application No.1849/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : APPARATUS FOR FORMING SLANT, LINEAR EASY-TO-TEAR PORTIONS ON LONG PLASTIC FILM

| | | |
|---|---|---|
| (51) International classification | :B60R | (71)**Name of Applicant :** |
| (31) Priority Document No | :2011-252845 | **1)SEIJI KAGAWA** Address of Applicant :202 HIGH-HOME KOSHIGAYA, 252-1, AKAYAMA-CHO 1-CHOME, KOSHIGAYA-SHI, SAITAMA-KEN, JAPAN Japan |
| (32) Priority Date | :18/11/2011 | |
| (33) Name of priority country | :Japan | |
| (86) International Application No | :NA | (72)**Name of Inventor :** |
| Filing Date | :NA | **1)SEIJI KAGAWA** |
| (87) International Publication No | : NA | **2)YOICHIRO KAGAWA** |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :
An apparatus for periodically forming slant, linear easy-to-tear portions on a long plastic film, comprising a hard roll on which the long plastic film passes, pluralities of pattern rolls each having a slant, linear stamp means on a rolling surface, a motor-driven shaft to which the pattern rolls are fixed, and a mechanism for pushing the pattern rolls toward the hard roll, the movement of the pressure rolls toward the hard roll causing the pattern projections of the stamp means to be pressed onto the plastic film on the hard roll, thereby periodically forming the slant, linear easy-to-tear portions on the plastic film.

No. of Pages : 46 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.4722/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : INFANT FORMULA WITH PROBIOTICS AND MILK FAT GLOBULE MEMBRANE COMPONENTS

(51) International classification :A23C 17/00
(31) Priority Document No :09178339.9
(32) Priority Date :08/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/069016
Filing Date :07/12/2010
(87) International Publication No :WO 2011/069987
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)BENYACOUB, JALIL**
**2)BLUM-SPERISEN, STEPHANIE**
**3)BOSCO, MOHAMED NABIL**
**4)BOVETTO, LIONEL, JEAN, RENE**
**5)BUREAU-FRANZ, ISABELLE**
**6)DONNET-HUGUES, ANNE**
**7)SCHIFFRIN, EDUARDO**
**8)FAVRE, LAURENT**

(57) Abstract :
A nutritional composition is proposed comprising a probiotic and milk fat globule membrane (MFGM) wherein the MFGM and the probiotics mutually potentiate their respective effects and promote complementary beneficial protective mechanisms that reflect physiological synergy. The nutritional composition can be an infant formula, infant cereals, baby food or health care nutritional product. The synergistic effect can include promoting immune maturation and/or immune education and/or reducing inflammation and/or treating or preventing disease or infections.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.4723/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COMPOSITION AND METHOD FOR DIFFENTIATION OF HUMAN EMBRYONIC STEM CELLS

(51) International classification :C12N 5/0735
(31) Priority Document No :0920865.3
(32) Priority Date :27/11/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/002184
Filing Date :26/11/2010
(87) International Publication No :WO 2011/064549
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)STEM CELLS FOR SAFER MEDICINES LIMITED**
Address of Applicant :C/O BPE SOLICITORS LLP, PO BOX 1ST FLOOR, ST JAMES HOUSE, ST JAMES SQUARE, CHELTENHAM, GLOUCESTERSHIRE, GL50 3PR, GREAT BRITAIN U.K.
(72)**Name of Inventor :**
**1)BONE, HEATHER KARYN**
**2)TOSH, DAVID**
**3)WELHAM, MELANIE JOANNE**

(57) Abstract :
Described are methods for inducing differentiation of a human embryonic stem cell or a population of human embryonic stem cells toward a cell or population of cells characteristic of the definitive endoderm, the method comprising incubating the cell or population of cells with a GSK-3 inhibitor. Also described are methods for inducing differentiation of a cell or population of cells, characteristic of the definitive endoderm, towards a hepatocyte-like cell or a population of hepatocyte-like cells, and methods for inducing differentiation of a human embryonic stem cell or a population of human embryonic stem cells toward a hepatocytelike cell or a population of hepatocyte-like cells. Further described are cells obtained by the methods and uses thereof in therapy and toxicity screening.

No. of Pages : 48 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012
(21) Application No.4715/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DETERGENT COMPOSITIONS CONTAINING GEOBACILLUS STEAROTHERMOPHILUS LIPASE AND METHOD OF USE THEREOF

(51) International classification :C11D 3/386
(31) Priority Document No :61/288,682
(32) Priority Date :21/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/060268
Filing Date :14/12/2010
(87) International Publication No :WO 2011/084417
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)DANISCO US INC.**
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(72)**Name of Inventor :**
**1)ADAMS CHRISTIAN**
**2)SCHMIDT BRIAN**

(57) Abstract :
The present compositions and methods relate to a lipase cloned from Gepbacillus stearothermophilus, polynucleotides encoding the lipase, and methods of use thereof. The compositions and methods have particular application in detergent cleaning compositions and methods.

No. of Pages : 70 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.4716/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : POWDER FOR MAGNET

(51) International classification :B22F 1/00
(31) Priority Document No :2009-276275
(32) Priority Date :04/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/071604
Filing Date :02/12/2010
(87) International Publication No :WO 2011/068169
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)SUMITOMO ELECTRIC INDUSTRIES, LTD.**
Address of Applicant :5-33, KITAHAMA 4-CHOME, CHUO-KU, OSAKA-SHI, OSAKA 541-0041, JAPAN Japan
(72)**Name of Inventor :**
**1)MAEDA TORU**

(57) Abstract :
Provided are a powder for a magnet, which provides a rare-earth magnet having excellent magnet properties and which has excellent formability, a method for producing the powder for a magnet, a powder compact, a rare-earth-iron-based alloy material, and a rare-earth-iron-nitrogen-based alloy material which are used as materials for the magnet, and methods for producing the powder compact and these alloy materials. Magnetic particles 1 constituting the powder for a magnet each have a texture in which grains of a phase 3 of a hydride of a rare-earth element are dispersed in a phase 2 of an iron-containing material, such as Fe. The uniform presence of the phase 2 of the iron-containing material in each magnetic particle 1 results in the powder having excellent formability, thereby providing a powder compact 4 having a high relative density. The powder for a magnet is produced by heat-treating a rare-earth-iron-based alloy powder in a hydrogen atmosphere to separate the rare-earth element and the iron-containing material from each other and then forming a hydride of the rare-earth element. The powder for a magnet is subjected to compacting to form the powder compact 4. The powder compact 4 is subjected to heat treatment in vacuum to form a rare-earth-iron-based alloy material 5. The rare-earth-iron-based alloy material 5 is subjected to heat treatment in a nitrogen atmosphere to form a rare-earth-iron-nitrogen-based alloy material 6.

No. of Pages : 53 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012
(21) Application No.4717/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : OXYGEN BATH SYSTEM

(51) International classification :A61H 33/14
(31) Priority Document No :2009-298781
(32) Priority Date :28/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/073502
Filing Date :27/12/2010
(87) International Publication No :WO 2011/081120
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)NAKAMURA, SHOICHI**
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(72)**Name of Inventor :**
**1)NAKAMURA SHOICHI**

(57) Abstract :
The present invention is to offer an oxygen loath system, which supplies highly concentrated oxygen and a mist of liquid at a predetermined pressure value into a chamber, thereby enabling to efficiently cause oxygen and the mist to be absorbed into the skin and the mucous membrane of a human organism. The oxygen bath system comprises a chamber 51 of accommodating a human organism; a gas supply means 11 of supplying gas containing oxygen of predetermined concentration; a liquid supply means 21 of supplying a liquid; a mist generating means 31 of generating a mist; a pressurizing means 41 of pressurizing the mist and gas containing 25 to 40% oxygen gas generated from gas supplied from the gas supply means 11 and air, and supplying them into the chamber 51; sensors 61 of detecting measured values of air pressure, oxygen concentration, temperature and moisture within the chamber 51; and a control means 71 of controlling the environment within the chamber 51 to be within the ranges of the predetermined set values in response to the measured values detected by the sensors 61, thereby to promoting absorption of the mist and gas into the skin and mucous membrane of the human organism.

No. of Pages : 29 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.4718/DELNP/2012 A
(43) Publication Date : 04/12/2015

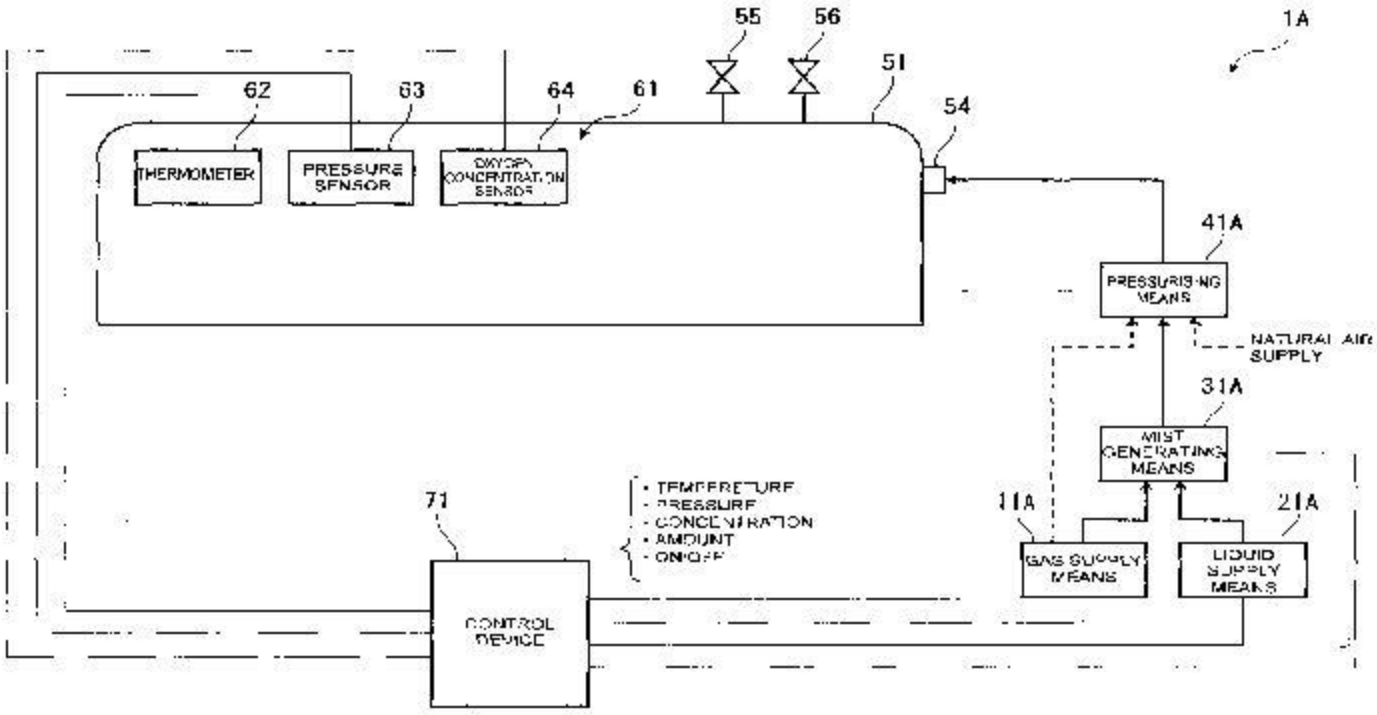
(54) Title of the invention : OXYGEN BATH SYSTEM

(51) International classification :A61H 33/14
(31) Priority Document No :2009-298782
(32) Priority Date :28/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/073503
Filing Date :27/12/2010
(87) International Publication No :WO 2011/081121
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)NAKAMURA, SHOICHI**
Address of Applicant :1468, HIGASHIJO, CHIKUHOKUMURA, HIGASHICHIKUMA-GUN, NAGANO 3997502 JAPAN Japan
**2)ACP JAPAN CO., LTD.**
(72)**Name of Inventor :**
**1)NAKAMURA SHOICHI**

(57) Abstract :
The present invention is to offer an oxygen bath system, which supplies a mist of liquid at a predetermined pressure value together with highly concentrated oxygen into a chamber of accommodating a human organism and being foldable, thereby enabling to efficiently cause oxygen and the mist to be absorbed into the skin and the mucous membrane of a human organism. The oxygen bath system comprises a chamber (51) of accommodating the human organism therein; a gas supply means (11, 41) of pressurizing and supplying air gas containing oxygen gas of 25 to 40% by adding oxygen gas to air into the chamber; a liquid supply means (21) of supplying a liquid; and a mist generating means (31) of generating a mist of the liquid; and supplies the generated mist into the chamber. Herein, the chamber (51) is structured with a vinyl chloride material having flexibility, and can withstand against internal pressure of at least 1.4 air pressure.

FIG.1




No. of Pages : 29 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2012
(21) Application No.1619/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A MICRO-HEATER AND A PROCESS FOR ITS FABRICATION

(51) International classification :B60H
(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)INDIAN INSTITUTE OF TECHNOLOGY, DELHI**
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(72)**Name of Inventor :**
**1)CHANDRA, SUDHIR**
**2)PANDYA, HARDIK, JEETENDRA**

(57) Abstract :
The present invention relates to an improved low cost, low power consuming micro-heater integrated on-chip using Micro-Electro Mechanical System (MEMS) technology, the said invention also relates to a fabricating process comprising the steps of trench formation, backfill and Chemical Mechanical Polishing (CMP), which results in reduced usage of power and maintains mechanical stability of the substrate.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/06/2012

(21) Application No.1897/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PORTABLE MAINTENANCE AID BASED PRELOAD TEST UNIT & STRAY VOLTAGE DETECTOR

(51) International classification :G06Q
(31) Priority Document No :61/498,769
(32) Priority Date :20/06/2011
(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 :**
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(72)**Name of Inventor :**
**1)MARINO, CHARLES E.**
**2)DUKE, DENNIS D.**
**3)STOTT, ROY A.**
**4)TRAN, PAUL L.**
**5)CARPENTER, DANNY C.**

(57) Abstract :
A Portable Maintenance Aid (PMA) having multiple applications for the electrical testing and data acquisition for various air/ground vehicle platforms is disclosed. The PMA includes an interface adapter that has a number of electrical testing interfaces and data collection ports in addition to a stray voltage detector. The portable testing aid also includes a user interface that transmits data to the interface adapter and a display that communicates the testing and maintenance information to the user. The portable testing aid also includes a communication system for transferring information between the user interface, the display, and the interface adapter. The PMA provides a preload tester/stray voltage tester that is sustainable, less replaceable and has capability of filling the test voids.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/06/2012

(21) Application No.1898/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYSTEM AND METHOD FOR CHARGING OF BATTERY

(51) International classification :H01J
(31) Priority Document No :13/280,934
(32) Priority Date :25/10/2011
(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 :**
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(72)**Name of Inventor :**
**1)TAO ZHANG**
**2)JINGBO KE**
**3)SHUNGANG XU**
**4)SHAOLAN WANG**
**5)JIANPING XU**

(57) Abstract :
A battery charging system for charging a battery with a plurality of battery cells. The battery charging system includes a battery charger and a battery management unit. The battery management unit includes a plurality of balancing circuits for controlling charging of each battery cell. The battery charging system can charge the battery in different stages depending on the voltage of each battery cell.

No. of Pages : 22 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2012

(21) Application No.4730/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AMORPHOUS SILICON SOLAR CELL MODULE

(51) International classification :H01L 31/04
(31) Priority Document No :2009-260131
(32) Priority Date :13/11/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/070044
Filing Date :10/11/2010
(87) International Publication No :WO 2011/059009
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)KOICHI NISHIJIMA**
**2)NORIHIKO SATO**

(57) Abstract :
Provided is an amorphous silicon solar cell module including a solar cell encapsulant containing a metal deactivator and silane-modified polyethylene, and a metal material adjacent to the solar cell encapsulant and having at least one selected from copper, a lead-free solder alloy and a silver film.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2012

(21) Application No.4731/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DEFORMABLE ASSEMBLY ACTING AS AN INTERCOMMUNICATING GANGWAY BETWEEN TWO CONSECUTIVE BODIES HAVING WHEELED BASES

(51) International classification :B61D 17/20
(31) Priority Document No :0905226
(32) Priority Date :30/10/2009
(33) Name of priority country :France
(86) International Application No :PCT/IB2010/054771
Filing Date :21/10/2010
(87) International Publication No :WO 2011/051862
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)JEAN-LUC ANDRE**
**2)SERGE BRION**

(57) Abstract :
The invention relates to a deformable assembly (12) which comprises an assembly of flexible metal leaves (16), each including a central portion having a side arm extending from each end thereof. Said leaves are placed standing on edge, stacked against one another and attached by means of the central portion thereof to the end of a plate (9) supported by a wheeled base (5). The lateral arms thereof remain elastically deformable. The deformable assembly preferably comprises an extension abutment device (28, 29) which limits the extension of -the leaves by means of acting on the end leaf (23). An intercommnnicating gangway (1) between two consecutive plates (9, 10) is manufactured using one or two of said deformable assemblies (12, 13), each one of- which is mounted on one of the opposing ends (17, 18) of the two plates (9, 10) and independent from the other leaf and/or from the other plate (10) opposite thereof. Said invention relates to the field of road or rail transport.

No. of Pages : 28 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2012

(21) Application No.4733/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HAIRDRYER HAVING A PASSIVE SILENCER SYSTEM

(51) International classification :A45D 20/12
(31) Priority Document No :0959217
(32) Priority Date :18/12/2009
(33) Name of priority country :France
(86) International Application No :PCT/FR2010/052775
Filing Date :17/12/2010
(87) International Publication No :WO 2011/073585
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)CHRISTIAN CARME**

(57) Abstract :
The invention relates to a hair dryer (1) including a tapered plastic shell (10) between a rear end and a front end through which flows out the air set into motion and heated by the hair dryer (1), this plastic shell (10) defining at least one air inlet (EA) and an air outlet (SA) and being intended to accommodate at least one motor and one fan, the shaft of which is borne by an attached internal structure (13) in the central portion of the fuselage (10). According to the invention, the plastic shell (10) is conformed in order to receive the air between the air inlet (EA) and the internal structure (13) bearing the fan, on a longer acoustic path as compared with the length of the acoustic path between the rear end and the internal structure (13) bearing the fan.

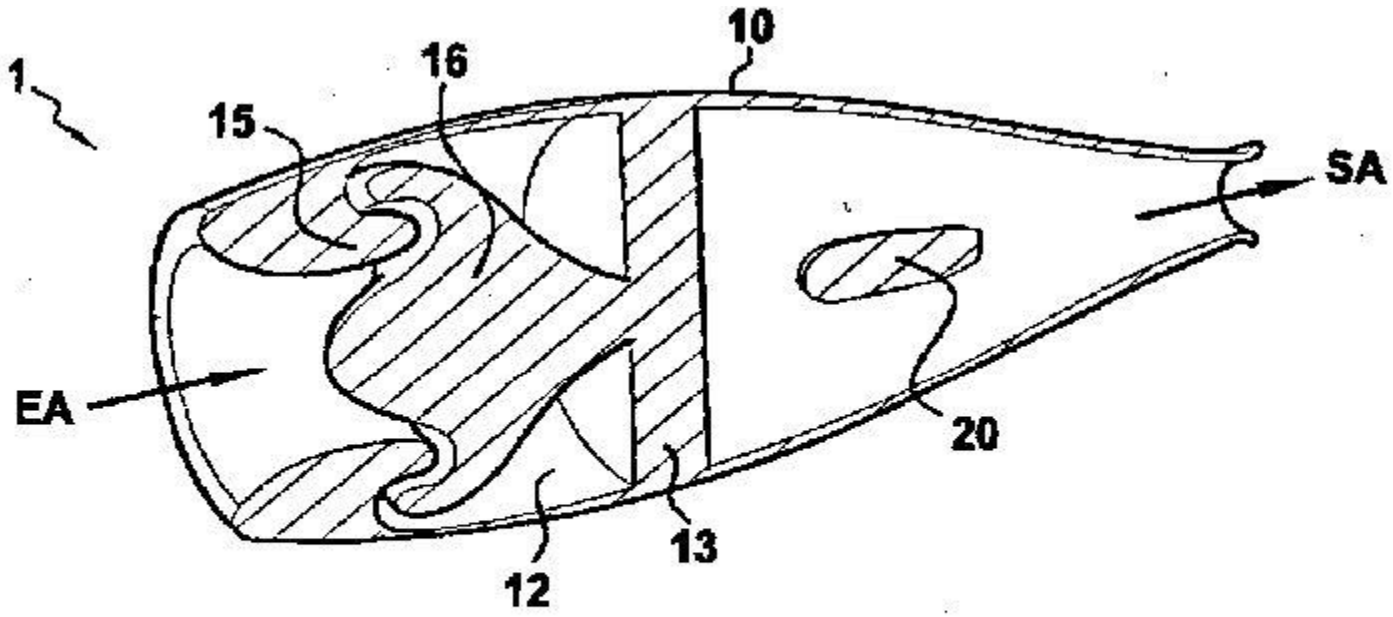



FIG.2B

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2012
(21) Application No.4734/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : NEW CCR2 RECEPTOR ANTAGONISTS AND USES THEREOF

(51) International classification :C07D 405/14
(31) Priority Document No :09179555.9
(32) Priority Date :17/12/2009
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2010/069549
Filing Date :13/12/2010
(87) International Publication No :WO 2011//073154
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)SARA FRATTINI**
**3)KAI GERLACH**
**4)RICCARDO GIOVANNINI**
**5)CHRISTOPH HOENKE**
**6)ROCCO MAZZAFERRO**
**7)MARCO SANTAGOSTINO**
**8)STEFAN SCHEUERER**
**9)CHRISTOFER TAUTERMANN**
**10)THOMAS TRIESELMANN**

(57) Abstract :
The present invention relates to novel antagonists for CCR2 (CC chemokine receptor 2) and their use for providing medicaments for treating conditions and diseases, especially pulmonary diseases like asthma and COPD.

No. of Pages : 173 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2012
(21) Application No.4735/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR IMPROVING ETHLENE POLYMERIZATION REACTION

(51) International classification :C08F 10/02
(31) Priority Document No :09179824.9
(32) Priority Date :18/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/070031
Filing Date :17/12/2010
(87) International Publication No :WO 2011/073372
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)SIRAUX, DANIEL**

(57) Abstract :
The present invention relates to a method for initiating an ethylene polymerization reaction in an ethylene polymerization loop reactor. More particularly, the invention relates to the timing upon which hydrogen is introduced into the ethylene polymerization loop reactor. The catalysts used in the ethylene polymerization reaction according to present invention are preferably metallocene catalysts.

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2012

(21) Application No.4736/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR PRODUCING A CATALYST SLURRY BLEND

(51) International classification :C08F 10/02
(31) Priority Document No :09179862.9
(32) Priority Date :18/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/070052
Filing Date :17/12/2010
(87) International Publication No :WO 2011/073380
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)DEWACHTER, DAAN**
**2)SLAWINSKI, MARTINE**

(57) Abstract :
The present invention relates to a method for producing a catalyst slurry blend suitable for polymerizing ethylene in an ethylene polymerization loop reactor for obtaining an at least trimodal polyethylene product, comprising the steps of: - transferring a first ethylene polymerization catalyst at a first mass flow rate to a mixing vessel, - simultaneously transferring a second ethylene polymerization catalyst at a second mass flow rate to said mixing vessel. thereby in situ providing a catalyst slurry blend, wherein said second ethylene polymerization catalyst is different from the first ethylene polymerization catalyst, - adjusting and monitoring said first and second mass flow rates, thereby obtaining said catalyst slurry blend at a concentration suitable for polymerizing ethylene, and - feeding said catalyst slurry blend to an ethylene polymerization double loop reactor producing said at least trimodal polyethylene product.

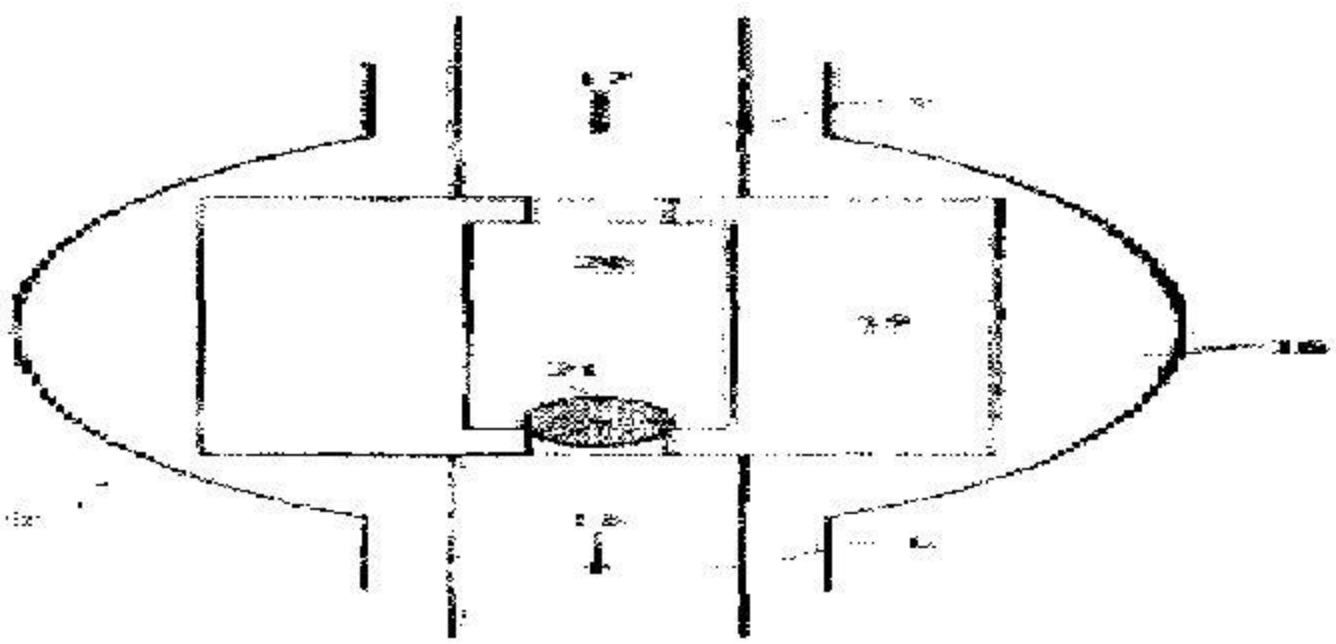


FIG. 1

No. of Pages : 33 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2012

(21) Application No.4738/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR REPLACING COMPATIBLE ETHYLENE POLYMERIZATION CATALYSTS

(51) International classification :C08F 10/02
(31) Priority Document No :09179864.5
(32) Priority Date :18/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/070023
Filing Date :17/12/2010
(87) International Publication No :WO 2011/073368
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)DEWACHTER, DAAN**
**2)SLAWINSKI, MARTINE**

(57) Abstract :
The present invention relates to a method for optimizing the sequential feeding of at least two ethylene polymerization catalysts to an ethylene polymerization reactor, comprising: transferring to a mixing vessel a first ethylene polymerization catalyst and a first diluent, decreasing the concentration of said first ethylene polymerization catalyst in said mixing vessel, - transferring to said mixing vessel a second ethylene polymerization catalyst and a second diluent, progressively replacing said first ethylene polymerization catalyst by said second ethylene polymerization catalyst and said first diluent by said second diluent, increasing the concentration of said second ethylene polymerization catalyst in said mixing vessel, sequentially transferring said first ethylene polymerization catalyst and said second ethylene polymerization catalyst from said mixing vessel to an ethylene polymerization reactor.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2012

(21) Application No.4740/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR REPLACING INCOMPATIABLE ETHYLENE POLYMERIZATION CATALYSTS

(51) International classification :C08F 2/42
(31) Priority Document No :09179870.2
(32) Priority Date :18/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/070027
Filing Date :17/12/2010
(87) International Publication No :WO 2011/073369
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)DEWACHTER, DAAN**
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(57) Abstract :
The present invention relates to a method for optimizing the sequential use of at least two ethylene polymerization catalysts to an ethylene polymerization loop reactor, comprising: transferring to a mixing vessel a first ethylene polymerization catalyst and a first diluent, thereby providing a first catalyst slurry, transferring said first catalyst slurry from said mixing vessel to an ethylene polymerization loop reactor at a concentration suitable for polymerizing ethylene, increasing the ratio of said diluent to said first ethylene polymerization catalyst in said first catalyst slurry, stopping the supply of said first catalyst slurry to said mixing vessel, stopping the supply of said first catalyst slurry to said ethylene polymerization loop reactor, stopping the supply of ethylene to said ethylene polymerization loop reactor, removing said first catalyst slurry from said ethylene polymerization loop reactor, emptying said mixing vessel, optionally rinsing said mixing vessel with fresh diluent, transferring to said mixing vessel a second ethylene polymerization catalyst and a second diluent, thereby providing a second catalyst slurry, decreasing the ratio of said second diluent to said second ethylene polymerization catalyst in said mixing vessel to obtain a concentration of said second ethylene polymerization catalyst in said second diluent suitable for polymerizing ethylene, transferring said second ethylene polymerization catalyst slurry from said mixing vessel to said ethylene polymerization reactor, restoring the supply of ethylene to said ethylene polymerization loop reactor, restarting ethylene polymerization in said ethylene polymerization loop reactor.

No. of Pages : 34 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2012

(21) Application No.4741/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PHOTOALIGNMENT MATERIALS HAVING IMPROVED ADHESION

(51) International classification :C08F 220/30
(31) Priority Document No :61/267,604
(32) Priority Date :08/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/059035
Filing Date :06/12/2010
(87) International Publication No :WO 2011/071794
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)SAHA, GOBINDA**
**2)KUMAR, ANIL**

(57) Abstract :
The present disclosure provides for new photoalignment (co)polymer materials which demonstrate improved adhesion to a substrate. The (co)polymeric structure includes at least one photochemically active chromophore and at least one adhesion promoter group. Articles of manufacture, optical elements, ophthalmic elements and liquid crystal cells which include at least one photoalignment layer made from the photoalignment (co)polymer materials and methods for formation are also disclosed.

No. of Pages : 54 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2012

(21) Application No.4742/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : TOOTHBRUSH

(51) International classification :A46B 3/22
(31) Priority Document No :10 2009 057 483.2
(32) Priority Date :10/12/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/IB2010/055758
Filing Date :10/12/2010
(87) International Publication No :WO 2011/070549
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)WINKLER, TILMANN**
**3)SCHICHTEL, KATHRIN**
**4)BALLMAIER, KATHI**
**5)STORKEL, JENS**

(57) Abstract :
A toothbrush having a toothbrush head with a top side at which cleaning elements for cleaning teeth are arranged. The cleaning elements form various zones of care or arrangements to meet specific cleaning and manufacturing requirements.



Fig. 7D

No. of Pages : 41 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2012

(21) Application No.4743/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : POLYISOBUTYLENE-BASED POLYURETHANES POLYUREAS AND/OR POLYURETHANE-POLYUREAS AND METHOD FOR MAKING SAME

(51) International classification :C08L 75/14
(31) Priority Document No :61/260,051
(32) Priority Date :11/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/056371
Filing Date :11/11/2010
(87) International Publication No :WO 2011/060161
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)KANG, JUNGMEE**

(57) Abstract :
The present invention generally relates to polyisobutylene-based polyurethanes, polyureas and/or polyurethane-polyureas, and to a process for making such compounds. In one embodiment, the polyisobutylene-based polyurethanes, polyureas and/or polyurethane-polyureas also include at least one flexible hydrogen bond acceptor chain extender (HACE). In another embodiment, amine telechelic and hydroxyl telechelic polyisobutylenes are utilized with at least one at least one flexible hydrogen bond acceptor chain extender (HACE) to produce polyurethane-polyureas having various desired mechanical properties in combination with various desired oxidative/ hydrolytic stability.

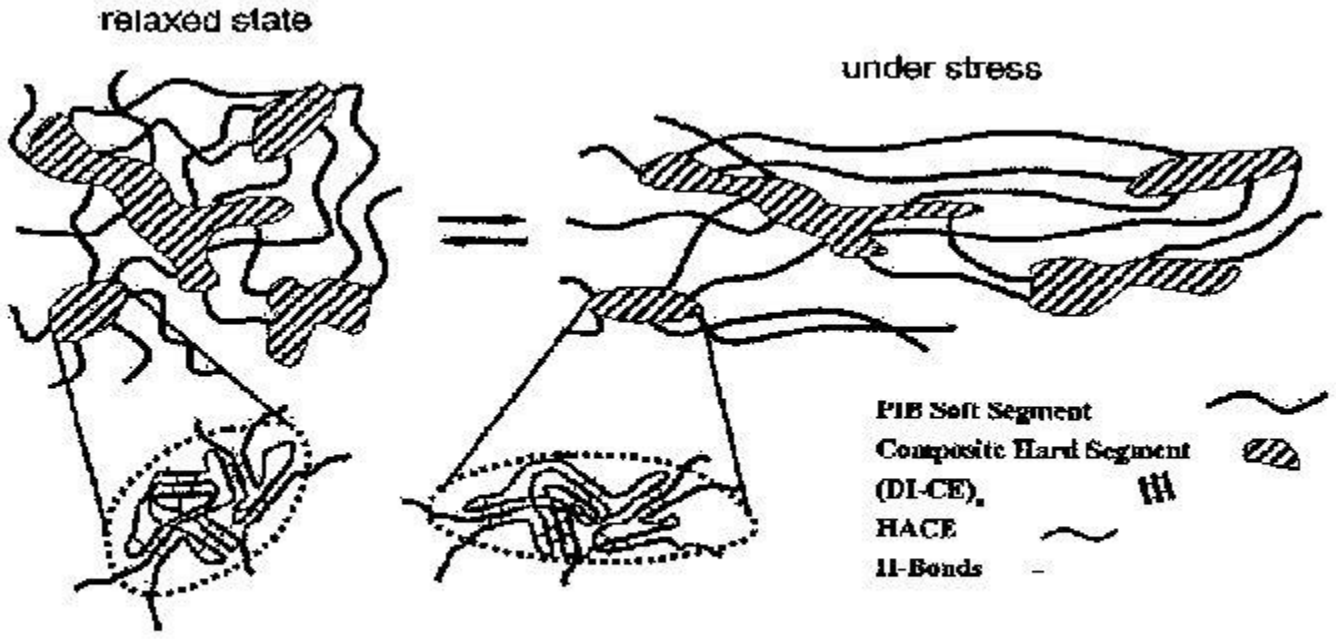



FIG. 1

No. of Pages : 58 No. of Claims : 75

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2012

(21) Application No.1506/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : POWER CONVERTER

(51) International classification :H05K
(31) Priority Document No :2011-110293
(32) Priority Date :17/05/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)SUZUKI KOJI**
**3)CHIBA KOU**

(57) Abstract :
There is furnished a safe and stable power converter that reduces rush currents effectively without adding complex configuration circuits. Upon determining and making in advance the configuration of tertiary winding so that the phase due to an auxiliary power supply 109 coincides with that of a main power supply 102, a power converter 101 of the present embodiment is able, by opening an auxiliary switch 111 connected to an input transformer 105, after throwing a main switch 104, to suppress effectively the excitation rush current of input transformer 105.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/05/2012
(21) Application No.1570/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CONTROL SYSTEM FOR PROVIDING DIAGNOSTIC PULSE SIGNAL, AND CONTROL DEVICE THEREFOR

(51) International classification :H04N
(31) Priority Document No :2011-115237
(32) Priority Date :23/05/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)INOUE ATSUSHI**
**4)OHNISHI NAOYA**
**5)TOKO MAKOTO**

(57) Abstract :
A control device is characterized in that it comprises a diagnostic pulse signal generating section that comprises an internal circuit that generates control data and generates diagnostic pulse data for diagnosing the operating terminal and diagnoses the function of said signal line and said operating terminal from the waveform of a feedback signal of the diagnostic pulse signal; a variable amplification circuit that multiplexes the diagnostic pulse signal on the control signal and sends the result to said operating terminal with a preset signal level; and a receiving circuit that receives the feedback signal and sends this to said internal circuit. The internal circuit comprises a correction pulse data generating section that corrects the diagnostic pulse data by correcting the rise time of the diagnostic pulse signal, so that, even if the length of the signal line is long, and diagnostic pulse signal reception can be achieved without expanding the pulse width of the diagnostic pulse signal.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012

(21) Application No.1635/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PIPE GUIDE ARMS FOR BLIND SHEAR RAMS

(51) International classification :F16B
(31) Priority Document No :61/496,835
(32) Priority Date :14/06/2011
(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

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(72)**Name of Inventor :**
**1)CARBAUGH. WILLIAM L.**
**2)CHILDERS, LEONARD G.**
**3)SHAH, VIRAL**

(57) Abstract :
A pipe shear ram assembly (11) has a housing (73) having a bore (75) extending vertically therethrough for the passage of a pipe string (77). Ram blocks (13, 51) have blades (17, 63) positioned such that one slides over the other when the first and second ram blocks (13, 51) are moved toward each other to shear a well pipe (77). A pair of guide arms (25) extend from one of the rams (13). The guide arms (25) have tips (29) protruding a greater distance than the blade (17). Each of the guide arms (25) has an inboard wedge surface (31) beginning at the tip (29) and extending along a line that intersects the longitudinal axis (28) for guiding the pipe string (77) toward a bore axis (79) of the bore (75) in the event the first and second ram blocks (13, 51) are moved to the closed position.

No. of Pages : 18 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/06/2012

(21) Application No.1842/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A HYDROPHOBIC CEMENTITIOUS COMPOSITION

(51) International classification :C07C
(31) Priority Document No :61/502,553
(32) Priority Date :29/06/2011
(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

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(72)**Name of Inventor :**
**1)ROBERT BAUMANN**

(57) Abstract :
The invention relates to a cementitious composition that can effectively reduce the adsorption of water, which comprises a) at least one polymer that is the polymerization product of one or more ethylenically unsaturated monomers, in the form of their polymer dispersions and water-redispersible polymer powders; and b) at least one alkyl and/ or alkenyl substituted dicarboxylic acids or anhydrides.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2012

(21) Application No.4754/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : EXHAUST PURIFICATION DEVICE

(51) International classification :F01N 3/24
(31) Priority Document No :2009-273753
(32) Priority Date :01/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/070813
Filing Date :22/11/2010
(87) International Publication No :WO 2011/068054
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**5)NAGATOSHI TAKAHARU**
**6)YASUNAKA KEISUKE**
**7)KIMATA ATSUSHI**
**8)TOYAMA YUICHI**
**9)MIYAZATO TAKAYUKI**
**10)WAYAZATO DAIGOURU**

(57) Abstract :
Disclosed is an exhaust purification device provided in an internal combustion engine, comprising an exhaust pipe, an exhaust purification catalyst, and an exhaust guide portion. The exhaust pipe extends downward from the front side portion of the internal combustion engine, and has a downstream port. The exhaust purification catalyst extends below the internal combustion engine in the longitudinal direction of a vehicle. The exhaust guide portion connects the downstream port to the front end of the exhaust purification catalyst so that the central axis of the exhaust pipe is inclined with respect to the central axis of the exhaust purification catalyst. The exhaust guide portion connects the downstream port to the front end of the exhaust purification catalyst so that at least a part of an extended portion obtained when the downstream port is extended toward the downstream side, abuts with the lower portion of the inner surface of the exhaust guide portion. An expanded portion that expands toward the front side of a vehicle is formed at the portion of the exhaust guide portion, which is located at the front of the extended portion in the vehicle.

No. of Pages : 25 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/06/2012

(21) Application No.1915/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HIGH REFRACTIVE INDEX MONOMERS

(51) International classification :C07C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)CHAVAN NAYAKU NIVRATI**
**4)CHELANATTUKIZHAKKEMADATH RAJAN**
**5)BHOSALE SONALI MADHAVRAO**
**6)BHONGALE SUNIL SITARAM**

(57) Abstract :
Disclosed herein is novel aromatic hydrophobic monomers of Formula I having high refractive index (more than 1.55). Further the invention discloses efficient and improved process for the preparation of aromatic hydrophobic monomers of Formula I), wherein the high refractive index property can be advantageously used to make light weight optical materials with high transparency.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/06/2012

(21) Application No.1916/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CONNECTING ROD FRACTURE SPLITTING METHOD AND APPARATUS THEREFOR

(51) International classification :F16D
(31) Priority Document No :2011-140759
(32) Priority Date :24/06/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**4)MATSUNO TOSHIYUKI**
**5)KOBAYASHI SATORU**

(57) Abstract :
The connecting rod as a vehicle engine component is manufactured by a connecting rod fracture splitting method. The connecting rod is provided with a large end portion, a small end portion and a rod portion connecting the large and small end portions, the large end portion being provided with a connecting rod body and a cap which are split from each other along a fracture-split surface formed thereto. The connecting rod is subjected to fracture splitting by the steps of: inserting a large end-side shaft into a through hole formed in the large end portion; fixing the large end-side shaft to a large end-side support; inserting a small end-side shaft into a through hole formed in the small end portion; fixing the small end-side shaft to a small end-side support; and pulling at least either one of the large end-side support and the small end-side support in a direction away from another one of both the supports.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/06/2012

(21) Application No.1917/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : GATELESS COAL BODY FOR QUARRY TRUCK

(51) International classification :A47J
(31) Priority Document No :61/499,238
(32) Priority Date :21/06/2011
(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

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(72)**Name of Inventor :**
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**2)MEYER, JOSHUA MARK**
**3)STUEDEMANN, REED**

(57) Abstract :
A quarry truck includes a three piece gateless coal body with a standardized capacity of about 70 cubic yards mounted on a truck chassis with an operator station. The three piece gateless coal body includes a canopy assembly extending over the operator station. The three piece gateless coal body includes a large right hand assembly attached to a left hand assembly along a floor seam and a forward wall seam. The canopy assembly is attached to the right hand assembly and the left hand assembly along a canopy seam. The floor seam and the forward wall seam lie in a plane that is offset from a centerline of the chassis. The three piece gateless coal body has a payload floor surface divided into a small payload floor surface angled with respect to a contiguous large payload floor surface at an angle of about 168° and defines a forward payload surface that is contiguous to, and angled with respect to, the small payload floor surface at an angle of about 109°. The sides of the body are reinforced with one horizontal and three vertical ribs.

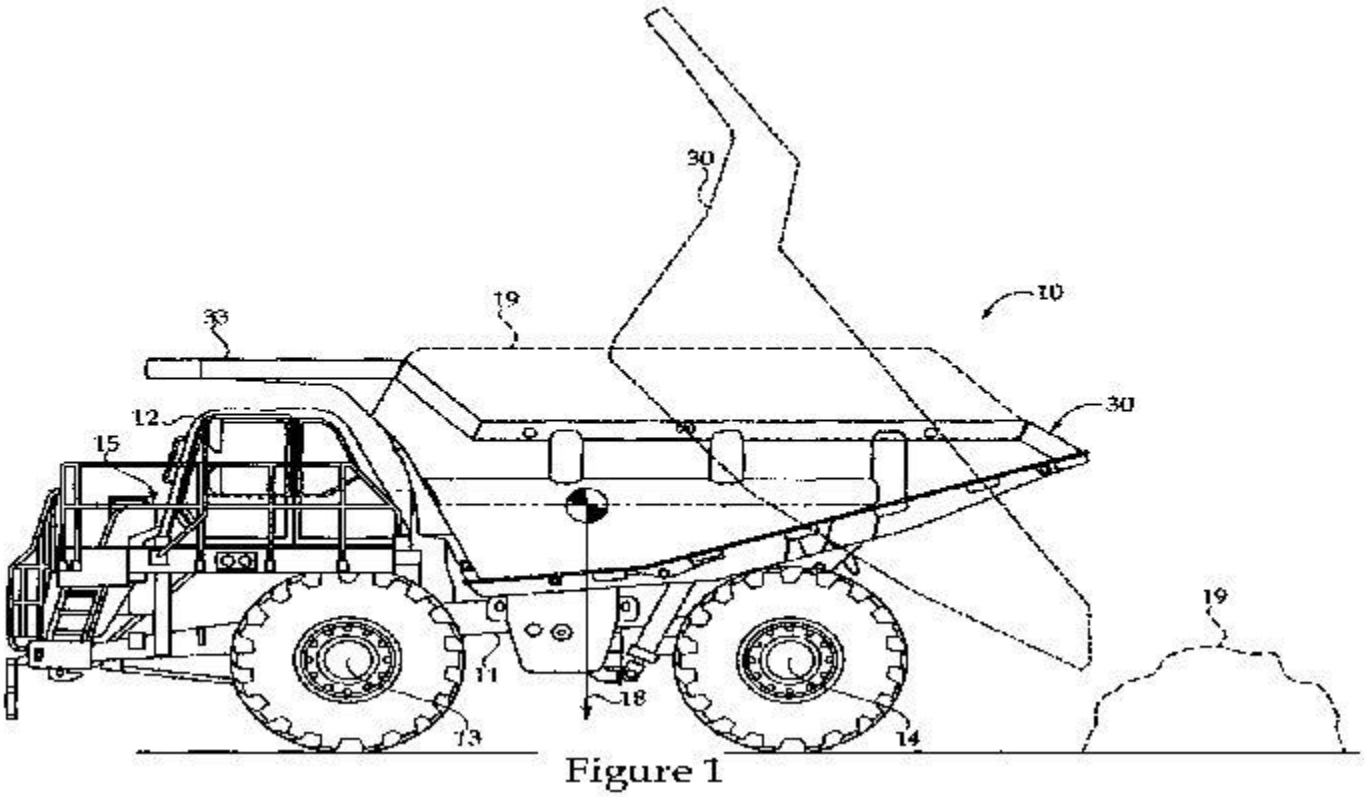


Figure 1

No. of Pages : 18 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012

(21) Application No.4770/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : TRIAZOLOPYRIDINES

(51) International classification :C07D 471/04
(31) Priority Document No :09075535.6
(32) Priority Date :30/11/2009
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2010/006994
Filing Date :17/11/2010
(87) International Publication No :WO 2011/063908
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**8)HANS BRIEM**
**9)SIMON HOLTON**
**10)GERHARD SIEMEISTER**
**11)STEFAN PRECHTL**
**12)ULF BOMER**

(57) Abstract :
The present invention relates to triazolopyridine compounds of general formula (I) which are Monopolar Spindle 1 kinase (Mps-1 or TTK) inhibitors: Formula (I), in which R1, R2, R3, R4, and R5 are as given in the description and in the claims, to methods of preparing said compounds, to pharmaceutical compositions and combinations comprising said compounds, to the use of said compounds for manufacturing a pharmaceutical composition for the treatment or prophylaxis proliferative of diseases, as well as to intermediate compounds useful in the preparation of said compounds.

No. of Pages : 157 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012

(21) Application No.4771/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : NOVEL POLYMORPHIC FORMS OF METHYL[4,6-DIAMINO-2[1-(2-FLUOROBENZYL)- IH-PYRAZOLO [3,4-B] PYRIDINE-3-YL] PYRIMIDIN-5-YL)CARBAMATE

(51) International classification :C07D 47/104
(31) Priority Document No :09177373.9
(32) Priority Date :27/11/2009
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2010/067985
Filing Date :23/11/2010
(87) International Publication No :WO 2011/064189
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)WINFRIED JOENTGEN**
**4)BIRGIT KEIL**

(57) Abstract :
The invention relates to novel shapes of methyl{4,6-diamino-2-[1-(2-fluorobenzyl)-1H-pyrazolo[3,4-B]pyridine-3-yl]pyrimidin-5-yl)carbamate of the formula (I), in particular the modification I, to a method for the production thereof, to medications comprising same, and to the use thereof for treating illnesses.

No. of Pages : 36 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/05/2012
(21) Application No.1526/DEL/2012 A
(43) Publication Date : 04/12/2015

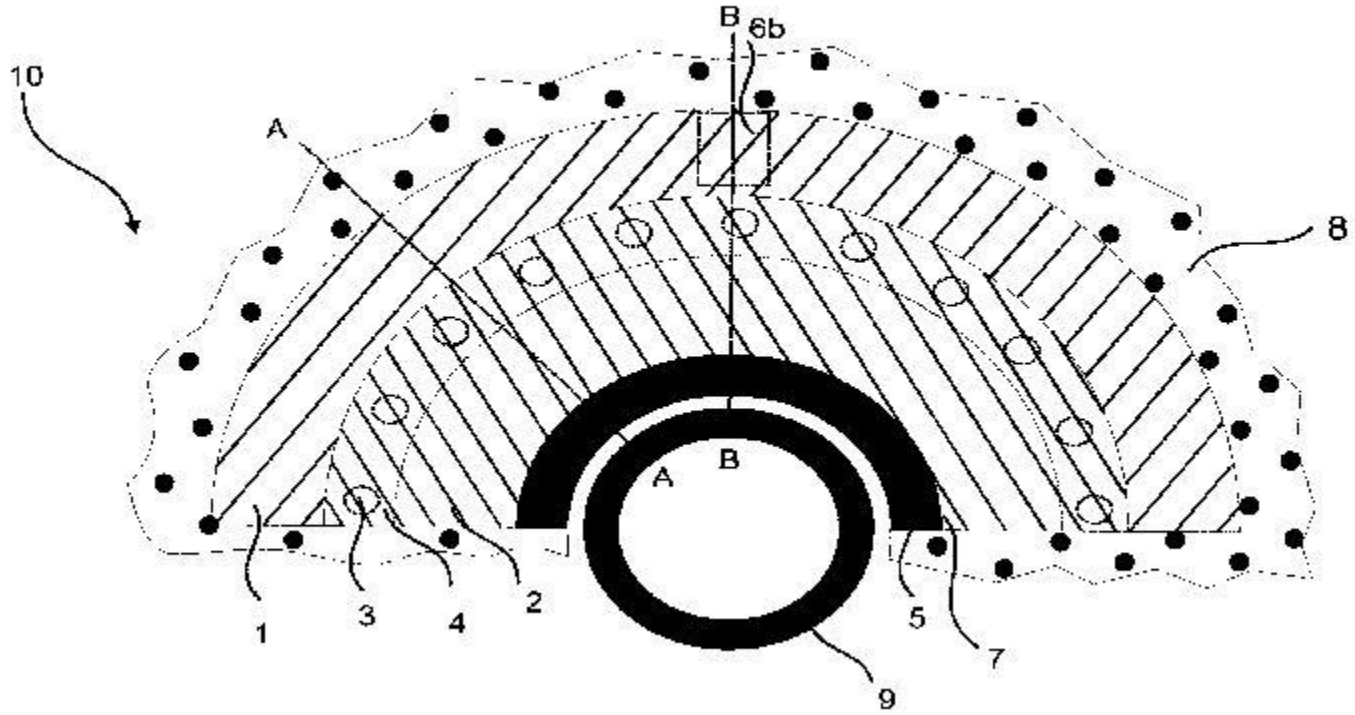
(54) Title of the invention : BACKING DESIGN FOR ULTRASOUND TRANDUCER

(51) International classification :G01N
(31) Priority Document No :102011076224.8
(32) Priority Date :20/05/2011
(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

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**2)DUERSCHEID, JUDITH**
**3)ZILZ, JOCHEN**
**4)WARKOWSKI, WILLI**
**5)PARUSEL, MAREK**

(57) Abstract :
The invention relates to a multi-part mounting device (1, 2) for an ultrasonic transducer (5), comprising at least a first part (1) for mounting on a housing (8) of an ultrasonic test probe, and a second part (2) which retains the ultrasonic transducer and is at least in touching contact, preferably in an adhesive bond, with the ultrasonic transducer (5), wherein the second part (2) is made of a plastic and is connected by positive fit to the first part (1), and the first part (1) has a greater hardness, in particular Shore hardness, Vickers hardness and/or Rockwell hardness, than the second part (2).

Fig. 1




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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012
(21) Application No.4784/DELNP/2012 A
(43) Publication Date : 04/12/2015

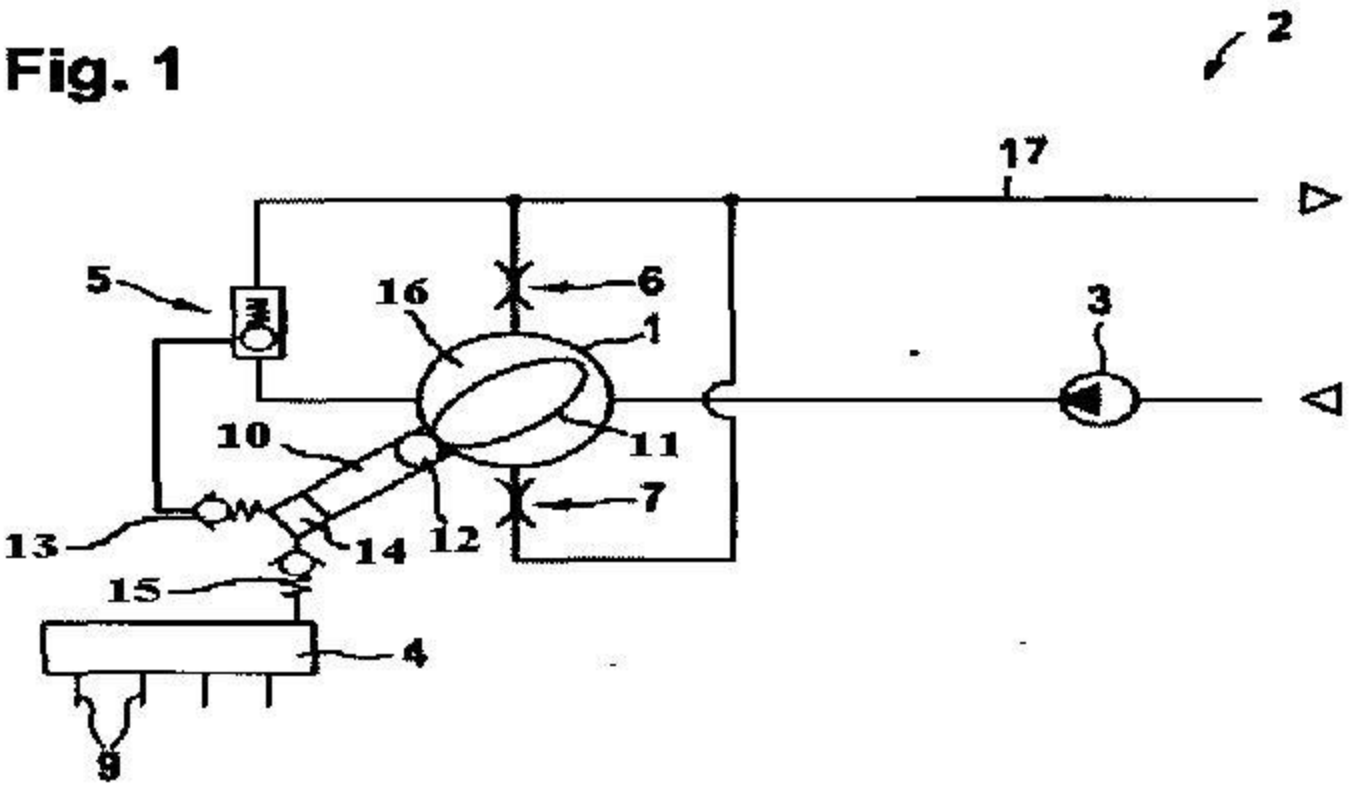
(54) Title of the invention : METHOD FOR SUPPLYING A HIGH-PRESSURE PUMP IN A FUEL INJECTION SYSTEM OF AN INTERNAL COMBUSTION ENGINE WITH FUEL AND FUEL INJECTION SYSTEM

(51) International classification :F02M 37/00
(31) Priority Document No :102010001834.1
(32) Priority Date :11/02/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/050017
Filing Date :03/01/2011
(87) International Publication No :WO 2011/098305
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)KRISTEN, MARCUS**

(57) Abstract :
Described herein is a method for supplying a high-pressure pump (1) in a fuei injection system of an internal combustion engine with fuel, where for delivery and for controlling the delivered quantity a delivery pump (3) is used. The delivery pump (3) is arranged in a low-pressure circuit (2) and operated by an electric motor and by which, depending on the respective selected engine speed, a certain quantity of fuel is fed to the high-pressure pump (1), in which the fuel is first compressed and then fed to a high-pressure fuel accumulator (4). The fuel pressure on the intake side of the high-pressure pump (1) is controlled by a pressure control valve (5), wherein a supply of the high-pressure pump (1) with fuel for lubrication and/or cooling via the low-pressure circuit (2) and the delivery pump (3) is assured when the pressure control valve (5) is in the closed position.

Fig. 1




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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012

(21) Application No.4785/DELNP/2012 A
(43) Publication Date : 04/12/2015

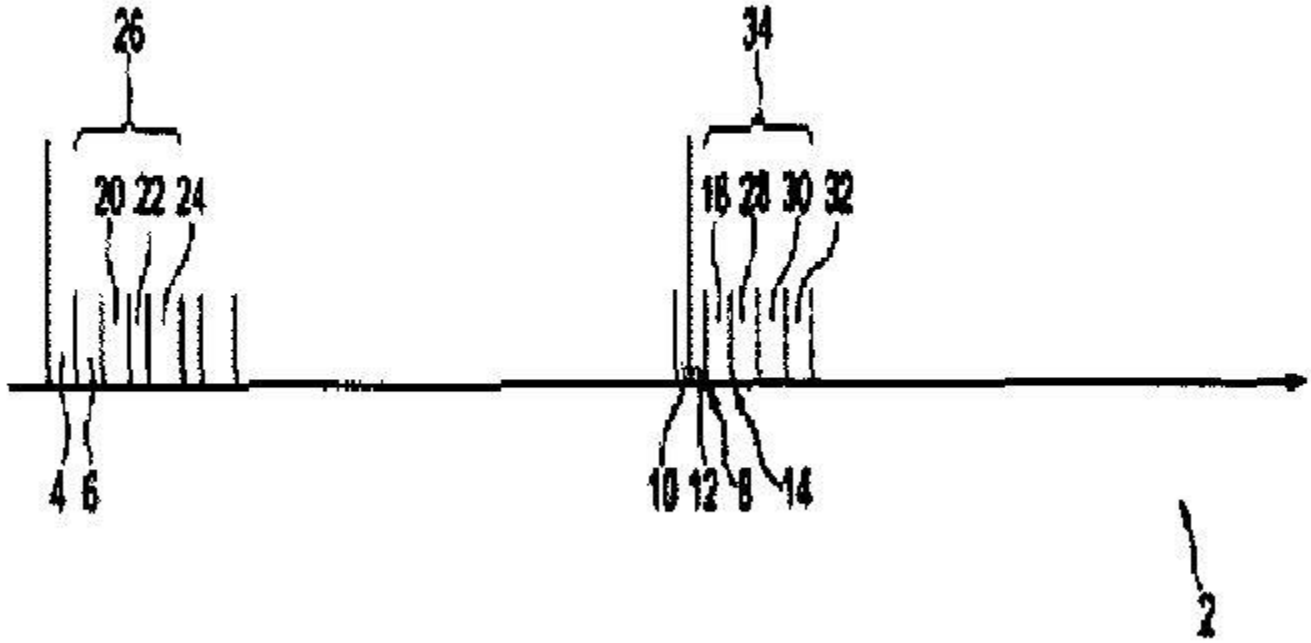
(54) Title of the invention : METHOD FOR PREDICTING THE DURATION OF A FUTURE TIME INTERVAL

(51) International classification :G05B 23/02
(31) Priority Document No :10 2010 001 710.8
(32) Priority Date :09/02/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/050310
Filing Date :12/01/2011
(87) International Publication No :WO 2011/098312
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)BECKER, BERND**
**3)PAWLOK, BERNARD**

(57) Abstract :
The present subject matter relates to a method for predicting a value for the length of a future time interval (16, 28, 30, 32) in which a physical variable alters. At least one measured value for the length of an elapsed time interval (4, 6, 10, 20, 22, 24) and a measured value for the length of a current time interval (12) are taken into consideration and m values for lengths of the elapsed time intervals are added. A first value lies k-1 before the current measured value, an m-th value lies k-m before the current measured value and the m added values are divided by the value of the length of the elapsed time interval lying at a value k before the current measured value. A ratio of the values is formed, and an average error is added to the current measured value, thus forming a sum, and the formed ratio is multiplied with the sum.

Fig. 2




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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012
(21) Application No.4786/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SERVER OF A COMPUTER NETWORK

(51) International classification :G06Q 40/00
(31) Priority Document No :10 2010 052 556.1
(32) Priority Date :25/11/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/069100
Filing Date :31/10/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)KRAMER, NIKLAS**
**3)FRONIUS, JURGEN**

(57) Abstract :
The invention relates to a server (19) of a computer network (1) which is connected to the network (1) via a communication link (20) and on which a database application with access to a database (21; 22) is running which is designed for collecting and managing data. To provide for as gapless an observation of tools which are used by machine tools (2, 3, 4, 5) as possible, it is proposed that the server (19) is connected to several business-internal machine tools (2, 3, 4, 5) allocated to various businesses (6, 7, 8), the server (19) has means for receiving identification data of tools (18) of the machine tools (2, 3, 4, 5) and/or identification data and/or operating parameters of the machine tools (2, 3, 4, 5) and/or of dynamic information items with respect to the tools (18), static information items allocated to the identification data, about the tools (18) are stored in the database (21; 22), and the server (19) has means for processing the received data, parameters and information items in order to generate updated information items about the tools (18), the information content of the updated information items going beyond the sum of the information content of the received dynamic information items, the static information items from the database (21; 22) and the operating parameters. (Figure 1)

No. of Pages : 37 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2012

(21) Application No.2423/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COMPACT IGV FOR TURBOEXPANDER APPLICATION

(51) International classification :B62D
(31) Priority Document No :CO2011000034
(32) Priority Date :31/08/2011
(33) Name of priority country :Italy
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)DEL TURCO, PAOLO**
**3)LANDI, GIACOMO**

(57) Abstract :
Apparatus and method for creating a compact inlet guide vane system and reducing the force required to operate the inlet guide vane system. Components of the inlet guide vane system, including but not limited to an actuation rod, actuation ring, crank rods, cranks and the associated connectors and bushings are assembled in the same plane. In this regard, when a force is applied to the actuator rod and transferred through the inlet guide vane system components, the force acts in a single plane. Further, the plane is centered over the rotational axial center of the actuation ring. (ADR/as)

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4632/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DEVICE USED FOR TREATMENT OF RHINITIS BY BIOSTIMULATIVE ILLUMINATION

(51) International classification :G06Q
(31) Priority Document No :202462
(32) Priority Date :02/12/2009
(33) Name of priority country :Israel
(86) International Application No :PCT/IL2010/000987
Filing Date :25/11/2010
(87) International Publication No :WO 2011/067752
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)FELDMAN JOSEPH**

(57) Abstract :
device for the treatment of rhinitis by biostimulative illumination. The device comprises a pair of LEDs (504a; 505b) containing probed (202a; 202b) adapted to be inserted into the nostrils of a patient. A probes support casing (204), the probes being normally flexibly attracted one against the other. The casing accommodates an electric power source (502), an ON/OFF normally open micro-switch (504a) and circuit means for activating/deactivating the LEDs (504a; 504b). The casing (204) is made of at least partly elastomeric material whereby the micro-switch (504a) becomes activated by pressing against a side-wing (206a) of the casing also causing the probes to spread apart from each other and the micro-switch remains closed for as long as the probes are kept apart from each other.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4634/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR PRODUCING METHYL-{4,6-DIAMINO-2-[1-(2-FLUOROBENZYL)-1H-PYRAZOLO[3,4-B]PYRIDINO-3-YL]PYRIMIDINO-5-YL} METHYL CARBAMATE AND ITS PURIFICATION FOR USE THEROF AS PHARMACEUTICAL SUBSTANCE

| | |
|---|---|
| (51) International classification | :C07D 471/04 |
| (31) Priority Document No | :09177371.3 |
| (32) Priority Date | :27/11/2009 |
| (33) Name of priority country | :EUROPEAN UNION |
| (86) International Application No<br>Filing Date | :PCT/EP2010/067949<br>:22/11/2010 |
| (87) International Publication No | :WO 2011/064171 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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**3)WINFRIED JOENTGEN**
**4)KONRAD SIEGEL**

(57) Abstract :
The present invention relates to a process for preparing methyl {4,6-diamino-2-[l-(2-fluorobenzyl)-lH-pyrazolo[3,4-b]pyridin-3-yl]pyrimidin-5-yl}methylcarbamate of the formula (I) and to a process for purifying the crude product of the compound of the formula (I) for use as pharmaceutically active compound, where, for purification, methyl {4,6-diamino-2-[l-(2-fluorobenzyl)-lH-pyrazolo[3,4-b]pyridin-3-yl]pyrimidin-5-yl}methylcarbamate sulphinyldimethane (1:1), i.e. a compound of the formula (II), is isolated as intermediate or is generated as intermediate in this purification process, if appropriate present in a mixture.

No. of Pages : 26 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4635/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR PRODUCING METHYL-{4,6-DIAMINO-2-[1-(2-FLUOROBENZYL)-1H-PYRAZOLO[3,4-B]PYRIDINO-3-YL]PYRIMIDINO-5-YL} METHYL CARBAMATE AND ITS PURIFICATION FOR USE THEROF AS PHARMACEUTICAL SUBSTANCE

| | |
|---|---|
| (51) International classification | :C07D 471/04 |
| (31) Priority Document No | :09177369.7 |
| (32) Priority Date | :27/11/2009 |
| (33) Name of priority country | :EUROPEAN UNION |
| (86) International Application No<br>Filing Date | :PCT/EP2010/067884<br>:22/11/2010 |
| (87) International Publication No | :WO 2011/064156 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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(57) Abstract :
The present invention relates to processes for preparing methyl {4,6-diamino-2-[l-(2-fluorobenzyl)-lH-pyrazolo[3,4-b]pyridin-3-yl]pyrimidin-5-yl}carbamate, i.e. the compound of the formula (I) and to a process for purifying the crude product of the formula (I) for use as pharmaceutically active compound, where, for purification, methyl {4,6-diamino-2-[l-(2-fluorobenzyl)-lH-pyrazolo[3,4-b]pyridin-3-yl]pyrimidin-5-yl}carbamate sulphinyldimethane (1:2) of the formula (II) is isolated as intermediate or is generated as intermediate in this purification process, if appropriate present in a mixture.

No. of Pages : 22 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012

(21) Application No.4790/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : 2-PYRIDONE COMPOUNDS

(51) International classification :C07D 213/64
(31) Priority Document No :2009-277048
(32) Priority Date :14/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/071709
Filing Date :03/12/2010
(87) International Publication No :WO 2011/068211
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)FUSEGI KEIKO**
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**7)IMAI YUDAI**
**8)CHONAN TOMOICHI**
**9)SATO NAGAAKI**
**10)TOKITA SHIGERU**
**11)SASAKO SHIGETADA**
**12)OKADA TAKUMI**
**13)HAYASHI KEISHI**
**14)ITOH SHIN**
**15)SAITO NORIKO**
**16)JIBIKI RUI**
**17)ISHIYAMA SEISHI**
**18)OTA HIROFUMI**

(57) Abstract :
2-Pyridone compounds represented by general formula [1], tautomers or stereoisomer thereof, pharmaceutically acceptable salts of the same, or solvates thereof have excellent GK-activating activity and therefore are useful as drugs. In general formula [1], A is a benzene ring or a pyridine ring; X is a structure represented by general formula [3]; V is a single bond or lower alkylene; W is a single bond, an ether linkage, or lower alkylene (which may contain an ether linkage).

No. of Pages : 559 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012

(21) Application No.4772/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : TEXTURED SUPERSTRATES FOR PHOTOVOLTAICS

(51) International classification :H01L 31/0236
(31) Priority Document No :61/264,929
(32) Priority Date :30/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/058258
Filing Date :30/11/2010
(87) International Publication No :WO 2011/066516
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)NICHOLAS F BORRELLI**
**2)DOUGLAS W HALL**
**3)GLENN E KOHNKE**
**4)SASHA MARJANOVIC**

(57) Abstract :
Textured superstrates for photovoltaic cells, for example, silicon tandem photovoltaic cells with light scattering properties which are sufficient for light trapping independent of wavelength are described herein. Features of a textured surface of a superstrate, via the method(s) used to make the textured superstrate, can be tailored to provide the desired light scattering/trapping properties. The method includes grinding and lapping or grinding, lapping, and etching of a glass superstrate.

No. of Pages : 34 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012
(21) Application No.4773/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DEVICE AND METHOD FOR GENERATING A SYNTHESIS GAS FROM TREATED BIOMASS BY ENTRAINED-FLOW GASIFICATION

(51) International classification :C10B 53/02
(31) Priority Document No :10 2009 055 976.0
(32) Priority Date :27/11/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/007181
Filing Date :26/11/2010
(87) International Publication No :WO 2011/063971
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)OLAF SCHULZE**
**3)ANTON ALTHAPP**
**4)CHRISTIAN EICHHORN**
**5)HORST KRETSCHMER**

(57) Abstract :
The present invention relates to a device for generating a synthesis gas (SG) from biomass (BM) by entrained-flow gasification. The device comprises a treatment plant (1), in which the biomass (BM) is supplied to a coarse crushing device (2), which is connected downstream via a first lock (3) to a pressurized carbonization plant (4) for the hydrothermal generation of carbonization char (KK) from the biomass (BM). The carbonization plant (4) comprises at least one preheating device (5) and a carbonization reactor (6) arranged downstream of the preheating device (5) and is connected downstream via a second lock (11) to at least one solid-liquid separation device (12, 13) for providing a fuel. A drying device (16) for drying the fuel is provided downstream of the solid-liquid separation device (12, 13), with a crushing device (18) for crushing the fuel to form pulverized fuel (BS) having particle sizes in the range of 55 urn to 500 urn being connected downstream of the drying device. The device further comprises a transfer device (21) for transferring the fuel to an entrained-flow gasification plant (22), whereby a coupling of the treatment plant (1) to the entrained-flow gasification plant (22) is provided. The present invention further relates to a method for generating a synthesis gas (SG) from biomass (BM) by entrained-flow gasification using a device according to the invention.

No. of Pages : 38 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012
(21) Application No.4774/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ROLLING BEARING

(51) International classification :F16C 33/78
(31) Priority Document No :2010-100906
(32) Priority Date :26/04/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/057711
Filing Date :28/03/2011
(87) International Publication No :WO 2011/135957
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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**2)YOSHIO SHODA**

(57) Abstract :
A rolling bearing according to the invention is configured such that fitting grooves of a rotating ring for mounting seal devices are respectively formed on both end surfaces of the rotating ring into same shapes, that seal grooves of a stationary ring are respectively formed on both end surfaces of the stationary ring into shapes symmetrical about a rolling element, and that: each of the pair of seal devices is configured by connecting a fitting portion made of an elastic material to be fit to the seal fitting groove to an end portion of each core metal, and by connecting a seal lip portion made of an elastic material to be brought into sliding contact with the seal groove to the other end portion of the one of the core metals; the pair of seal devices are respectively formed into shapes symmetrical about the rolling element; and a magnet portion facing a magnetic sensor of a magnetic encoder is bonded to one of the core metals, while the other core metal is covered with the elastic material. With 3uch a configuration, the fitting grooves of both the end surfaces of the bearing, the seal grooves thereof, and the seal devices are configured as common components. Accordingly, ccst reduction is achieved. In addition, the leakage of grease from the magnet-portion-side seal device is prevented.

No. of Pages : 39 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/06/2012

(21) Application No.1882/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : NEUTRALIZING HUMAN ANTI-V3 MONOCLONAL ANTIBODIES AND USE THEREOF FOR THE PRODUCTION OF VACCINE AGAINST HIV

(51) International classification :A61K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)MR. RAIEES ANDRABI**
**3)DR. NAVEET WIG**
**4)DR. ASHUTOSH BISWAS**

(57) Abstract :
The present refers to a neutralizing human monoclonal antibody (mAb), variant thereof or antigen binding fragment thereof, against HIV infection. The monoclonal antibody is particularly an anti-V3 HIV-1 antibody which advantageously exhibits the property of cross clade reactivity with high viral binding affinity and neutralization capacity to both HIV-1 clade C and non- clade C viruses. Furthermore, the human monoclonal antibody can be employed for the identification of epitopes for immunogen design for vaccine development against HIV-1.

No. of Pages : 47 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012

(21) Application No.4780/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND ARRANGEMENT FOR IMPROVED INTERFERENCE REJECTION COMBINING

(51) International classification :H04D 7/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/SE2009/051395
Filing Date :09/12/2009
(87) International Publication No :WO 2011/071426
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)HUSS, FREDRIK**

(57) Abstract :
In a method of interference rejection combining (IRC) for mitigating interference in received signals in the frequency domain for a telecommunication system, selecting (S l0) a sub-group of frequencies of a received signal, determining (S20) a joint representation of a covariance matrix for the interference plus noise for at least one time slot of the received signal for the selected sub-group of frequencies, determining (S30) a channel estimate based on at least one pilot symbol of said at least one time slot. Finally, determining (S40) IRC coefficients in the frequency domain for each symbol of said at least one time slot based on said determined joint representation of the covariance matrix and said determined channel estimate.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012

(21) Application No.4781/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND ARANGEMENT FOR RECONFIGURING MAPPING OF CARRIER INDICATOR FIELD TO COMPONENT CARRIER

(51) International classification :H04L 5/00
(31) Priority Document No :61/286,138
(32) Priority Date :14/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2010/051005
Filing Date :20/09/2010
(87) International Publication No :WO 2011/075037
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)BALDEMAIR, ROBERT**
**3)GERSTENBERGER, DIRK**
**4)PARKVALL, STEFAN**

(57) Abstract :
A method and an arrangement 400 in a radio network node for reconfiguring mappings from Carrier Indicator Field-values to component carriers are provided. Each CIF-value is mapped to a respective component carrier comprising a respective shared data channel. Each respective shared data channel corresponds to at least one downlink control channel carrying said each CIF-value. The radio network node 130 reconfigures mappings from CIF-values to component carriers, while at least one mapping of CIF- value to component carrier is maintained. The component carrier of said at least one mapping from CIF-value to component carrier comprises said at least one downlink control channel and a shared data channel corresponding to said at least one downlink control channel. The radio network node 130 sends at least one of the reconfigured mappings from CIF-values to component carriers to the user equipment 120.

No. of Pages : 26 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012

(21) Application No.4782/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MECHANISM FOR MAINTAINING UPRIGHT STATE OF BREAKWATER FLAP GATE

(51) International classification :E02B 7/20
(31) Priority Document No :2009-284266
(32) Priority Date :15/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/066536
Filing Date :24/09/2010
(87) International Publication No :WO 2011/074303
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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**2)NAKAYASU, KYOUITI**
**3)KIMURA, YUITIROU**

(57) Abstract :
It is made possible for a door body to be held in a fixed state without shaking after the door body is positioned upright. A mechanism (21) for maintaining an upright state of a breakwater flap gate (11) is provided, the breakwater flap gate (11) comprising: a bi-fold support rod (13) for fixedly supporting the door body (12) that is supported in a state in which a rotary shaft (12a) at the base end-side serves as a support point and the tip end-side can be positioned upright or collapsed; and a guide rail (18) for guiding the movement of a guide roller (17c) attached to a stay (17) that supports the bi-fold support rod (13). The mechanism (21) has, between an oil tank (32) and a double-rod type double-acting cylinder device (22), an upright-side oil supply path (29) for supplying oil to an upright-side oil chamber (22d), an upright-side oil discharge path (34) for discharging oil from the upright-side oil chamber (22d), and a collapsed-side oil path (37) for supplying and discharging oil to and from a collapsed-side oil chamber (22e). A shutoff valve (35) is provided in the upright-side side oil discharge path (34) together with a check valve (33) being provided in the upright-side oil supply path (29), so as to prevent the door body (12) from collapsing when the door body (12) is being positioned upright and after the door body (12) is positioned upright. The door body can therefore be maintained in a fixed state without shaking after being positioned upright.

No. of Pages : 24 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012
(21) Application No.4794/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ESCALATOR HANDRAIL CHAIN

(51) International classification :B66B 23/04
(31) Priority Document No :200910311710.5
(32) Priority Date :18/12/2009
(33) Name of priority country :China
(86) International Application No :PCT/US2011/021059
Filing Date :13/01/2011
(87) International Publication No :WO 2011/075749
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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**2)SHAO WEIFENG**
**3)JIANG MINGPING**
**4)LI JUN**

(57) Abstract :
A handrail assembly for an escalator system includes a handrail movable along a length of the escalator and a handrail guide assembly defining a travel path for the handrail. The handrail guide assembly includes a handrail guide and a plurality of sliding bearing supports interconnected to form a handrail chain and secured to the handrail guide. One or more sliding bearings extend at least partially through each sliding bearing support of the handrail chain. A shaft extends through each sliding bearing support and is in sliding contact with the one or more sliding bearings. One or more rollers are secured to at least one end of the shaft and is in rolling contact with the handrail.

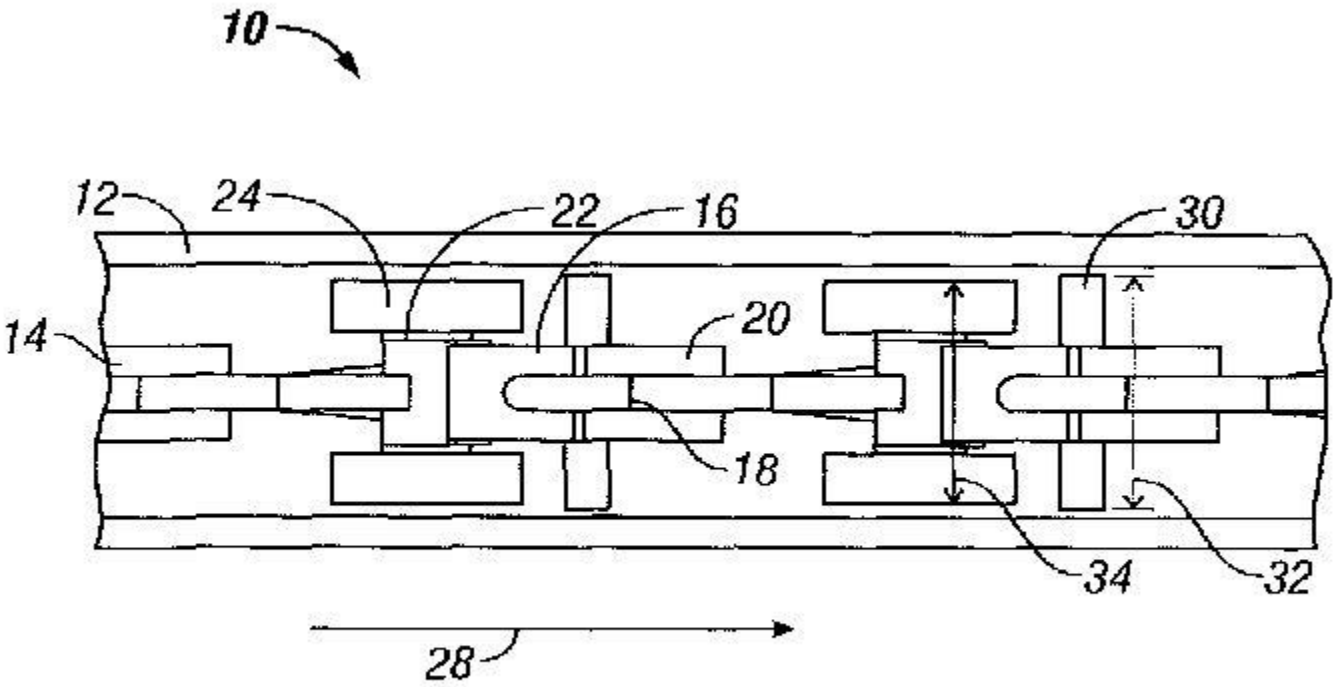



FIG. 1

No. of Pages : 9 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012

(21) Application No.4795/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYNTHETIC CVD DIAMOND

(51) International classification :C30B 25/10
(31) Priority Document No :0922449.4
(32) Priority Date :22/12/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2010/069828
Filing Date :15/12/2010
(87) International Publication No :WO 2011/076643
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)BENNETT ANDREW MICHAEL**
**3)KHAN RIZWAN UDDIN AHMAD**
**4)MARTINEAU PHILIP MAURICE**

(57) Abstract :
A chemical vapour deposition (CVD) method for synthesizing diamond material on a substrate in a synthesis environment, said method comprising: providing the substrate; providing a source gas; dissociating the source gas; and allowing homoepitaxial diamond synthesis on the substrate; wherein the synthesis environment comprises nitrogen at an atomic concentration of from about 0.4 ppm to about 50 ppm; and and wherein the source gas comprises: a) an atomic fraction of hydrogen, Hf, from about 0.40 to about 0.75; b) an atomic fraction of carbon, Cf, from about 0.15 to about 0.30; c) an atomic fraction of oxygen, Of, from about 0.13 to about 0.40; wherein Hf + Cf + Of = 1; wherein the ratio of atomic fraction of carbon to the atomic fraction of oxygen, Cf:Of, satisfies the ratio of about 0.45: 1 < Cf:Of < about 1.25: 1; wherein the source gas comprises hydrogen atoms added as hydrogen molecules, H2, at an atomic fraction of the total number of hydrogen, oxygen and carbon atoms present of between 0.05 and 0.40; and wherein the atomic fractions Hf, Cf and Of are fractions of the total number of hydrogen, oxygen and carbon atoms present in the source gas.

No. of Pages : 63 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012

(21) Application No.4796/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : INTERNAL COMBUSTION ENGINE HAVING A CYLINDER HEAD AND A CYLINDER BLOCK

(51) International classification :F02F 1/00
(31) Priority Document No :A 1920/2009
(32) Priority Date :03/12/2009
(33) Name of priority country :Austria
(86) International Application No :PCT/EP2010/068179
Filing Date :25/11/2010
(87) International Publication No :WO 2011/067155
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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**2)KNOLLMAYR, CHRISTOF**
**3)ZURK, ANDREAS**

(57) Abstract :
The invention relates to an internal combustion engine (1) having a cylinder head (2) and a cylinder block (3), wherein a crankcase (10) is fastened to the cylinder block (3), wherein the crankcase (10) comprises at least one oil pump (40). In order to reduce the manufacturing effort, according to the invention, the oil pump is disposed in the crankcase (10), wherein the oil pump (40) is connected to a flange (43), and wherein the flange (43) is attached to a mounting wall (42) of the crankcase (10)

No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012

(21) Application No.4797/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : INTERNAL COMBUSTION ENGINE HAVING A CYLINDER HEAD AND A CYLINDER BLOCK

(51) International classification :F02B 75/06
(31) Priority Document No :A 1921/2009
(32) Priority Date :03/12/2009
(33) Name of priority country :Austria
(86) International Application No :PCT/EP2010/068200
Filing Date :25/11/2010
(87) International Publication No :WO 2011/067159
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)ZURK, ANDREAS**

(57) Abstract :
The invention relates to an internal combustion engine (1) having a cylinder head (2) and a cylinder block (3), wherein a crankcase (10) is fastened to the cylinder block (3), wherein at least one mass balancing shaft (20) is mounted in the crankcase (10). In order to reduce the production effort, according to the invention, a first pin (26) designed as a dowel pin is positioned in the region of the end face (5) of the crankcase (10) disposed in a hole (6) on a straight connecting line (27) between the axis (20a) of the mass balancing shaft (20) and the axis (19a) of the crankshaft (19) as seen in the direction of the axis (19a) of the crankshaft (19), wherein the first pin (26) is preferably disposed in the crankcase (10) and the hole (6) is preferably disposed in the flange bushing (24).

No. of Pages : 16 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2012
(21) Application No.4750/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYSTEM FOR TRANSFERRING ENERGY TO A VEHICLE AND METHOD OF OPERATING THE SYSTEM

(51) International classification :B60L 5/00
(31) Priority Document No :0922315.7
(32) Priority Date :21/12/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2010/007986
Filing Date :21/12/2010
(87) International Publication No :WO 2011/076434
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)ANDERS, DOMINIK**

(57) Abstract :
The invention relates to a system for transferring energy to a vehicle, in particular a track bound vehicle (162), such as a light rail vehicle, wherein - the system comprises an electric conductor arrangement (31) adapted to produce an electromagnetic field which can be received by the vehicle thereby transferring the energy to the vehicle, - the system comprises electric and/or electronic devices (1) which are adapted to operate the electric conductor arrangement (31) wherein the devices (1) produce heat while operating the conductor arrangement (31) and - therefore - are to be cooled, - a cooling arrangement of the system comprises; a structure (12) having a cavity (144) in which at least one of the devices (1) to be cooled is located; wherein the structure (12) comprises a cover (25) limiting the cavity (144) at the top, wherein the device(s) to be cooled is/are located at a distance to the cover (25); wherein the structure (12) is integrated in the ground (4) at the path of travel of the vehicle in such a manner that the cover (25) forms a part of the surface of the ground (4).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2012

(21) Application No.4752/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : OXIDE MULTILAYERS FOR HIGH TEMPERATURE APPLICATIONS AND LAMPS

(51) International classification :G02B 5/28
(31) Priority Document No :12/627318
(32) Priority Date :30/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/053547
Filing Date :21/10/2010
(87) International Publication No :WO 2011/066047
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)CHOWDHURY, ASHFAFQUL ISLAM**

(57) Abstract :
Disclosed herein are optical interference multilayer coatings employing a high refractive index material comprising a NbTaZr oxide. Such coatings provide enhanced retention of favorable optical and physical properties at high temperatures. Also disclosed herein are lamps comprising a light-transmissive envelope, at least a portion of the surface of the light-transmissive envelope being provided with the optical interference multilayer coating noted above. Such coatings, when used on lamps, may advantageously offer improved energy efficiencies for such lamps.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2012
(21) Application No.4753/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ALARM MANAGEMENT IN A COMMUNICATIONS SYSTEM

(51) International classification :H04L 12/24
(31) Priority Document No :PCT/CN2009/001412
(32) Priority Date :10/12/2009
(33) Name of priority country :PCT
(86) International Application No :PCT/CN2009/001412
Filing Date :10/12/2009
(87) International Publication No :WO 2011/069276
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)ZHOU, WEI HUA**
**2)ZHANG, YI**
**3)ZHANG, SHUN LIANG**
**4)MARKWART, CHRISTIAN**

(57) Abstract :
A method of alarm management in a communications system having a number of Femto base stations (110), the method comprising the steps of: detecting disruption of a communication link between a Femto base station and a management system (120) via which alarms are communicated; blocking the sending of alarms by the Femto base station; generating a report representative of the accumulation of alarms; detecting re-establishment of the communication link; sending the report to the management system; and reporting alarms to the management system on the basis of the report.

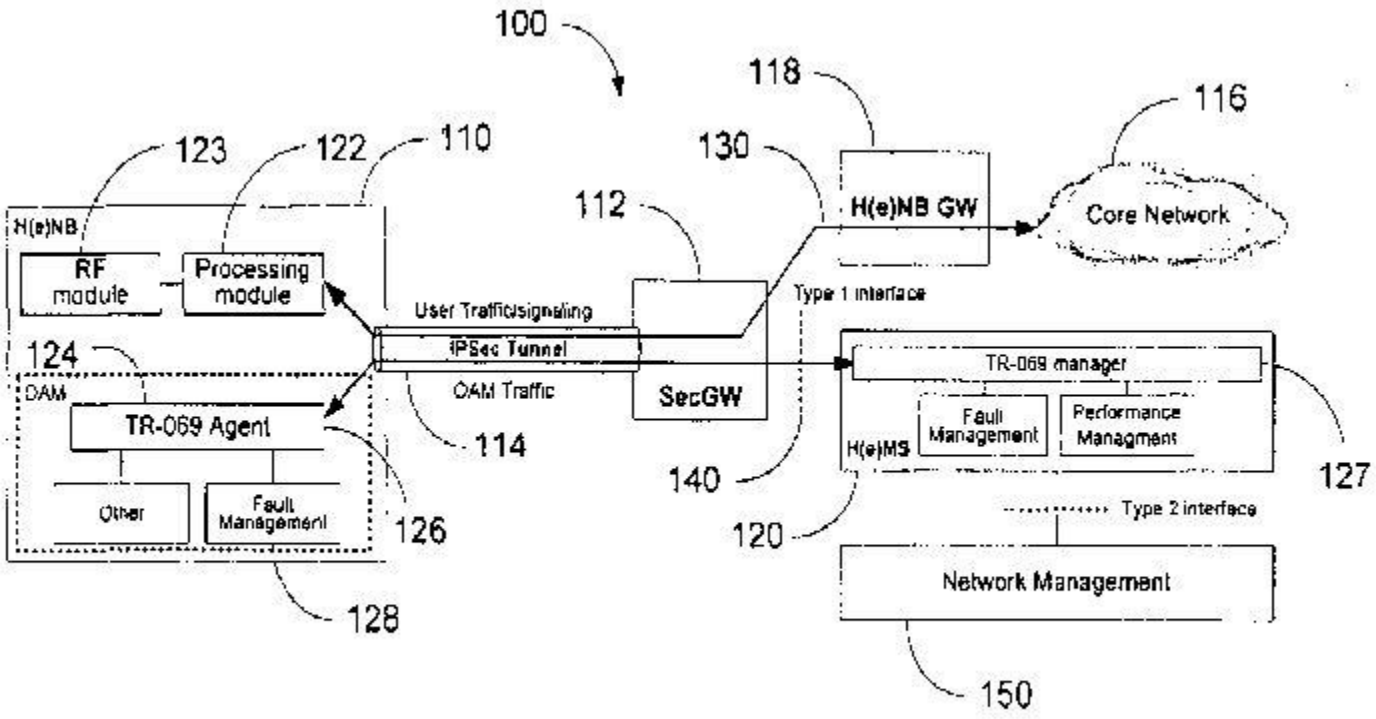



Figure 1.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2015
(21) Application No.4903/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD OF MANUFACTURING THERMOELECTRIC MODULE AND THERMOELECTRIC MODULE

(51) International classification :H01L35/34,B22C9/04
(31) Priority Document No :2012254261
(32) Priority Date :20/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/IB2013/060226
Filing Date :19/11/2013
(87) International Publication No :WO 2014/080332
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)YOSHIMI ,Hitoshi**
**2)KONDO, Kiyohito**
**3)DAI ,Huai- sheng**
**4)MURAYAMA ,Tomiyuki**
**5)ZHANG, Zhong -zhi**
**6)SEO ,Takeshi**

(57) Abstract :
A technique of manufacturing a thermoelectric module having high degree of freedom in shape , at low costs is provided. A manufacturing method of a thermoelectric module comprises forming a first wax model 10 in which the first thermoelectric elements are arranged in a predetermined pattern , forming a first mold from the first wax model 10, casting a group of the first thermoelectric elements by pouring molten metal of a first thermoelectric material into the first mold to solidify the molten metal forming a second wax model 20 that represents arrangement of second thermoelectric elements to form the thermoelectric module by being connected with the first thermoelectric elements forming a second mold from the second wax model 20 , casting the group of the second thermoelectric elements by pouring molten metal of a second thermoelectric material into the second mold to solidify the molten metal , and connecting the group of the first thermoelectric elements with the group of the second thermoelectric elements electrically in series.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2012

(21) Application No.4755/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHODS AND IMPROVING THE EFFICIENCY OF SIMULTANEOUS SACCHARIFICATION AND FERMENTATION REACTIONS

(51) International classification :C12P 19/14
(31) Priority Document No :61/289,917
(32) Priority Date :23/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/061082
Filing Date :17/12/2010
(87) International Publication No :WO 2011/079078
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)MITCHINSON COLIN**
**3)HUANG TOM T.**
**4)DINER BRUCE A.**
**5)FAGAN PAUL JOSEPH**
**6)HITZ WILLIAM D.**

(57) Abstract :
The present disclosure is directed, in a first aspect, to the use of inverting beta-xylosidase enzymes to reduce byproduct formation and increase the yield of fermentation products, as well as, in a second aspect, to the use of retaining beta-xylosidase enzymes to improve production of alkyl-beta-xylopyranoside compounds, in a simultaneous saccharification and fermentation reactions.

**Primer sequences for the construction of *bxl1* deletion cassette**

| Primer Name | Seq ID No. | Primer sequence (5'→3') | Description |
|---|---|---|---|
| MH290 | 27 | caaGGCGCGCCaagtATAACTTCGTATAATGTATGCTATACGAAGTTATCGGCCGGCGTATTGGGTGTTACG | hph reverse primer AscI loxP site |
| MH292 | 28 | GAAGGCGCGCCACAGATAACTTCGTATAGCATACATTATACGAAGTTATcctgggctgtgactggtcgcgag | hph forward primer full promoter AscI loxP site |
| MH375 | 29 | ccatgtcacctgtcttgaacac | Bxl1 5' forward |
| MH376 | 30 | caaggcgcGCCATCTCTTTCGATCTCAACAG | Bxl1 5' reverse AscI |
| MH377 | 31 | gattgcgatcgccgtctacaacgtttcaacc | Bxl1 3' forward AsiSI AclI |
| MH378 | 32 | GGTCCAACCTTGAATGTAACAGC | Bxl1 3' reverse primer |
| MH379 | 33 | gtgtcgctgaacataaggtctc | Bxl1 deletion nested forward primer |
| MH380 | 34 | CCTCCATTCTTCCAACAAGCC | Bxl1 deletion nested reverse primer |

**TABLE 4**

No. of Pages : 213 No. of Claims : 129

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2012

(21) Application No.4756/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SURFACTANTS THAT IMPROVE THE CLEANING OF LIPID-BASED STAINS TREATED WITH LIPASES

(51) International classification :C11D 1/66
(31) Priority Document No :61/288,778
(32) Priority Date :21/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/058674
Filing Date :02/12/2010
(87) International Publication No :WO 2011/078949
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)COLLIER KATHERINE D.**
**3)PEPSIN MICHAEL JAY**
**4)SCHMIDT BRIAN**

(57) Abstract :
Described are compositions and methods relating to the removal of oily stains from fabrics and other surfaces using a lipase in combination with a selected surfactant to mediate the release of fatty acids generated by the lipase. The compositions and methods have application in, e.g., laundry cleaning and dishwashing.

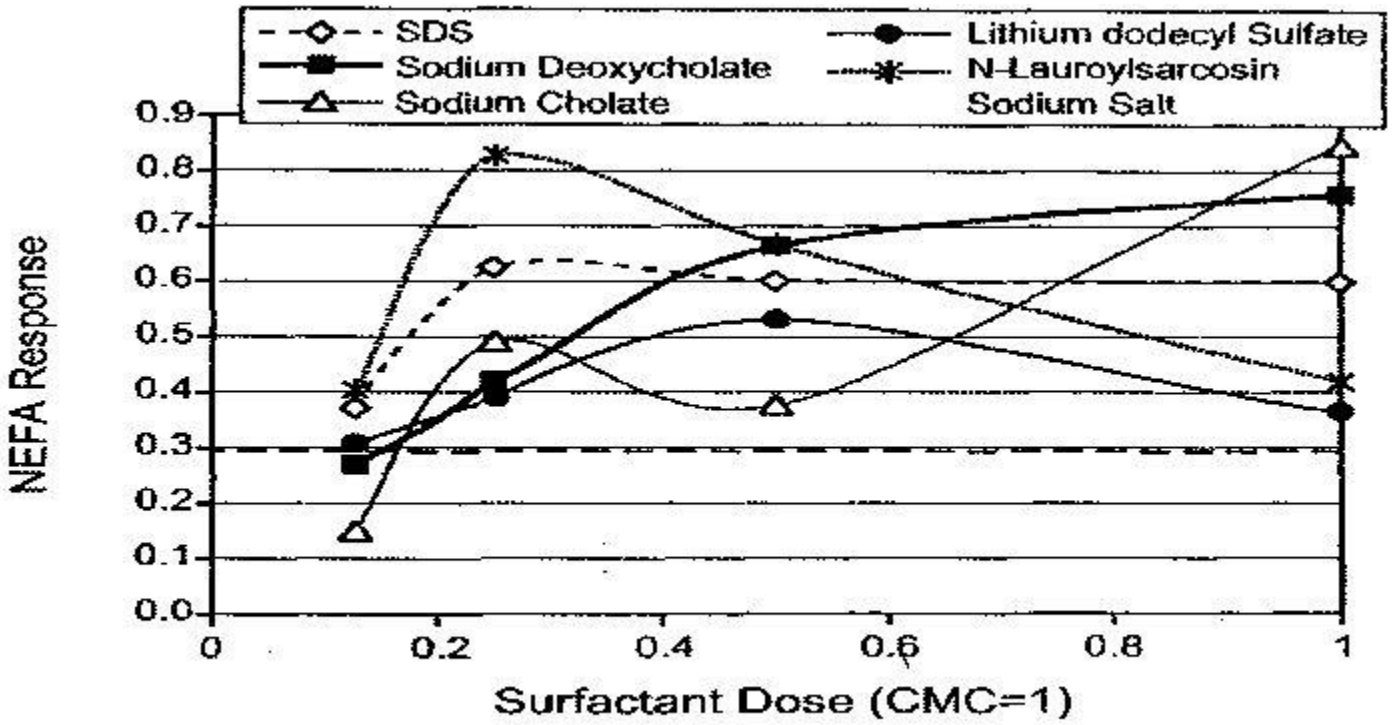



FIG. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2012
(21) Application No.4758/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : VISUALLY PATTERNED AND ORIENTED COMPOSITIONS

(51) International classification :A61K 8/26
(31) Priority Document No :61/289,795
(32) Priority Date :23/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/061698
Filing Date :22/12/2010
(87) International Publication No :WO 2011/079160
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)KAPLAN STACEY**

(57) Abstract :
Structured personal care compositions comprising a particle having an aspect ratio of greater than 1.5 are contemplated, as well as methods for using such compositions. The compositions provide a visually distinguishable, oriented pattern that is aesthetically pleasant to provide consumer appeal and product identification.

No. of Pages : 50 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2012

(21) Application No.4759/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : NOVEL TRICYCLIC COMPOUNDS

(51) International classification :A01N 43/58
(31) Priority Document No :61/265,563
(32) Priority Date :01/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/058572
Filing Date :01/12/2010
(87) International Publication No :WO 2011/068881
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**5)FIAMENGO BRYAN A.**
**6)FRANK KRISTINE E.**
**7)FRIEDMAN MICHAEL**
**8)GEORGE DAWN M.**
**9)GOEDKEN ERIC R.**
**10)JOSEPHSOHN NATHAN S.**
**11)LI BIQIN C.**
**12)MORYTKO MICHAEL J.**
**13)STEWART KENT D.**
**14)VOSS JEFFREY W.**
**15)WALLACE GRIER A.**
**16)WANG LU**
**17)WOLLER KEVIN R.**

(57) Abstract :
The invention provides compounds of Formula (I) and Formula (II), pharmaceutically acceptable salts, pro-drugs, biologically active metabolites, stereoisomers and isomers thereof wherein the variable are defined herein. The compounds of the invention are useful for treating immunological and oncological conditions.

No. of Pages : 671 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2015

(21) Application No.4910/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DISPLAY APPARATUS VOICE ACQUIRING APPARATUS AND VOICE RECOGNITION METHOD THEREOF

(51) International classification :G06F3/01,G06F3/16,G10L15/00
(31) Priority Document No :1020120126650
(32) Priority Date :09/11/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/009880
Filing Date :04/11/2013
(87) International Publication No :WO 2014/073823
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)CHOI, Chan- hee**
**3)RYU, Hee- seob**
**4)PARK, Kyung -mi**
**5)PARK ,Seung -kwon**
**6)BAE ,Jae- hyun**

(57) Abstract :
Disclosed are a display apparatus , a voice acquiring apparatus and a voice recognition method thereof, the display apparatus including: a display unit which displays an image; a communication unit which communicates with a plurality of external apparatuses; and a controller which includes a voice recognition engine to recognize a user s voice , receives a voice signal from a voice acquiring unit , and controls the communication unit to receive candidate instruction words from at least one of the plurality of external apparatuses to recognize the received voice signal.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2015

(21) Application No.4911/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METAL/CFRP COMPOSITE STRUCTURE AND ITS MANUFACTURING METHOD AND APPARATUS

(51) International classification :B29C70/46,B29C70/78,B32B5/14
(31) Priority Document No :2012253228
(32) Priority Date :19/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/IB2013/060205
Filing Date :18/11/2013
(87) International Publication No :WO 2014/076673
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)KONDO, Kiyohito**
**2)YAMASHITA ,Yuji**

(57) Abstract :
Provided are a metal / CFRP composite structure which has lightweight and high strength by combining hot- pressed metal material(s) and carbon fiber reinforced plastic (CFRP) material(s) , and its manufacturing method and apparatus. A metal blank material is heated to a temperature at which quenching is possible to obtain a first intermediate product quenched by hot- pressing. The first intermediate product and a carbon fiber reinforced plastic (CFRP) prepreg comprising carbon fiber and uncured thermoset plastic are set into CFRP forming dies followed by press- forming the prepreg to obtain a secondary intermediate product having the CFRP in intimate contact with a surface of the first intermediate product. The CFRP and the first intermediate product are firmly adhered together by thermal curing of thermoset plastic located in the boundary of the CFRP and the first intermediate product , by subjecting the thermoset plastic contained in the CFRP prepreg to thermal curing, by keeping warm and pressurizing the secondary intermediate product for a predetermined period.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012

(21) Application No.4765/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : 4-PHENOXY-NICOTINAMIDE OR 4-PHENOXY-PYRIMIDINE-5-CARBOXAMIDE COMPOUNDS

(51) International classification :C07D 401/06
(31) Priority Document No :10151319.0
(32) Priority Date :21/01/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/050558
Filing Date :18/01/2011
(87) International Publication No :WO 2011/089099
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)DEHMLOW, HENRIETTA**
**3)ERICKSON, SHAWN, DAVID**
**4)KIM, KYUNGJIN**
**5)MARTIN, RAINER , E.**
**6)OBST SANDER, ULRIKE**
**7)PIETRANICO-COLE, SHERRIE, LYNN**
**8)RICHTER, HANS**
**9)ULLMER, CHRISTOPH**

(57) Abstract :
This invention relates to novel phenyl amide or pyridyl amide derivatives of the formula wherein A1, A2, B1, B2 and R1 to R11 are as defined in the description and in the claims, as well as pharmaceutically acceptable salts thereof. These compounds are GPBAR1 agonists and can be used as medicaments for the treatment of diseases such as type II diabetes.

No. of Pages : 134 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012

(21) Application No.4766/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AMINO OXAZINE DERIVATIVES

(51) International classification :C07D 265/08
(31) Priority Document No :09178642.6
(32) Priority Date :10/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/069098
Filing Date :07/12/2010
(87) International Publication No :WO 2011/070029
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)BANNER, DAVID**
**2)HILPERT, HANS**
**3)MAUSER, HARALD**
**4)MAYWEG, ALEXANDER V.**
**5)ROGERS-EVANS, MARK**

(57) Abstract :
This invention relates to 5,6-dihydro-4H-[l,3]oxazin-2-ylamine compounds of the formula wherein R1 to R5 are as defined in the description and in the claims, as well as pharmaceutically acceptable salts thereof. These compounds are BACE2 inhibitors and can be used as medicaments for the treatment or prevention of diseases such as diabetes.

No. of Pages : 98 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012

(21) Application No.4767/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AZACYCLIC SPIRO DERIVATIVES

(51) International classification :C07D 471/10
(31) Priority Document No :09177653.4
(32) Priority Date :01/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/068265
Filing Date :26/11/2010
(87) International Publication No :WO 2011/067166
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)ACKERMANN, JEAN**
**2)CONTE, AURELIA**
**3)HUNZIKER, DANIE**
**4)NEIDHART, WERNER**
**5)NETTEKOVEN, MATTHIAS**
**6)SCHULZ-GASCH, TANJA**
**7)WERTHEIMER, STANLEY**

(57) Abstract :
Compounds of formula (I) as well as pharmaceutically acceptable salts thereof can be used in the form of pharmaceutical compositions, wherein R1, R2, R3 and n have the significance given in claim 1.

No. of Pages : 85 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012

(21) Application No.4768/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SEA WATER PUMPING DEVICE

(51) International classification :F03B
(31) Priority Document No :2049-2009
(32) Priority Date :09/11/2009
(33) Name of priority country :Chile
(86) International Application No :PCT/CL2010/000047
Filing Date :05/11/2010
(87) International Publication No :WO 2011/054125
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)REQUENA RIVERA, RODOLFO**
Address of Applicant :PEDRO MONTT 323-RECREO CP 2580279 VINA DEL MAR (CL) Chile
(72)**Name of Inventor :**
**1)REQUENA RIVERA, RODOLFO**

(57) Abstract :
Demanding of the flexible aqueduct no.l NOTED because the flexible aqueduct is made from polypropylene sleeves.

No. of Pages : 11 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2015

(21) Application No.4915/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHODS AND APPARATUSES FOR BUILDING TAG LIBRARY AND SEARCHING FOR USER

(51) International classification :G06F17/30
(31) Priority Document No :201310334335.2
(32) Priority Date :02/08/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2014/076042
Filing Date :23/04/2014
(87) International Publication No :WO 2015/014134
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)XIANG, Jie**
**2)LI ,Runchao**
**3)QIN ,Tao**

(57) Abstract :
Disclosed are methods and apparatuses for building a tag library and searching for a user. The method for building a tag library comprises the following steps: receiving tag information made for a tagged user by a tagging user in a social network; and associating and storing the tagging user , the tagged user and the tag information made for the tagged user by the tagging user ,and building a tag library on the basis of a user relationship in the social network. The tag library can be obtained by storing tag information made for another user by a user in asocial network as well as a user relationship; and by using tag library , a contact can be searched for on the basis of the tag information and the user relationship , and because the search is performed on the basis of the tag information and the user relationship , the searched user and the user have a relationship of indirect contacts ,so that the searched user is more reliable, thereby improving the search success rate.

No. of Pages : 30 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2015

(21) Application No.4916/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : TREATMENT OF INFLAMMATION ,AUTOIMMUNE , AND NEURODEGENERATIVE DISORDERS WITH IMMUNOSUPPRESSIVE TAT DERIVATIVE POLYPEPTIDES

| | |
|---|---|
| (51) International classification | :C07K14/155,A61K39/21,A61P25/00 |
| (31) Priority Document No | :61/734135 |
| (32) Priority Date | :06/12/2012 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No<br>Filing Date | :PCT/US2013/073658<br>:06/12/2013 |
| (87) International Publication No | :WO 2014/089480 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

(71)**Name of Applicant :**
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**1)GOLDBERG ,Joshua**
**2)BIER ,Colin**
**3)HOTZ -BEHOFSITS, Christoph**
**4)HANSCOM, Sophie**

(57) Abstract :
The present specification provides immunosuppressive Tat derivative, polypeptides, compositions , and methods of using such polypeptides and compositions to treat an autoimmune disease , an inflammation-associated disease and/or a neurodegenerative disease.

No. of Pages : 107 No. of Claims : 115

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2015

(21) Application No.4917/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DEVICE INCLUDING BIOSENSOR AND HOLDER

(51) International classification :G01N27/327,C12Q1/00,G01N33/543
(31) Priority Document No :1222074.5
(32) Priority Date :07/12/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/053150
Filing Date :28/11/2013
(87) International Publication No :WO 2014/087137
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)SARISSA BIOMEDICAL LIMITED**
Address of Applicant :Barclays Venture Centre, Sir William Lyons Road, Coventry CV4 7EZ U.K.
(72)**Name of Inventor :**
**1)DALE ,Nicholas**
**2)TIAN, Faming**

(57) Abstract :
A device utilising biosensors to enable rapid electrochemical sensing of one or more analytes in a container. The device comprises a holder which incorporates at least one reference electrode and at least one sensing electrode. The sensing electrode comprising an electrically conductive substrate which is coated in a first layer of a suitable electron acceptor and subsequently with a second layer incorporating a biorecognition molecule adsorbed or within a suitable electropolymer matrix or carrier.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2015

(21) Application No.4904/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHODS AND APPARATUSES FOR FORMING LOW -AROMATIC HIGH -OCTANE PRODUCT STREAMS

(51) International classification :C07C5/27,C07C13/10,B01J8/00
(31) Priority Document No :13/715843
(32) Priority Date :14/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/070232
Filing Date :15/11/2013
(87) International Publication No :WO 2014/092927
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :25 East Algonquin Road, P. O. Box 5017, Des Plaines ,Illinois 60017- 5017 U.S.A.
(72)**Name of Inventor :**
**1)GLOVER ,Bryan ,K.**

(57) Abstract :
Methods and apparatuses for forming low -aromatic high -octane product streams and methods for processing hydrocarbons are provided. In an embodiment, a method for forming a low- aromatic high- octane product stream includes deisohexanizing or deisoheptanizing a hydrocarbon stream and forming a cycloalkane- rich stream. Further, the method includes isomerizing the cycloalkane- rich stream at equilibrium conditions favoring formation of cyclopentanes over cyclohexanes.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2015

(21) Application No.4905/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHODS AND APPARATUSES FOR REFORMING OF HYDROCARBONS INCLUDING RECOVERY OF PRODUCTS

(51) International classification :C10G9/00,C07C4/02,C07C7/00
(31) Priority Document No :13/729598
(32) Priority Date :28/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/070280
Filing Date :15/11/2013
(87) International Publication No :WO 2014/105284
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**1)BHARUKA ,Laxmikant**
**2)GHOSH, Sudipta**
**3)SHARMA, Ashutosh**
**4)PETERS ,Kenneth David**

(57) Abstract :
Embodiments of apparatuses and methods for reforming of hydrocarbons including recovery of products are provided. In one example, a method comprises separating a reforming-zone effluent into a ¾ , - hydrocarbon-containing gas phase and a C5+ hydrocarbon-containing liquid phase. The H2, (Ci - Cn) hydrocarbon-containing gas phase is partially condensed and sep arated to form a ¾ ,C6 - hydrocarbon-containing net gas stream and a C3+ hydrocarbon-containing liquid stream. The hydrocar bon-containing liquid phase, the C3+ hydrocarbon-containing liquid stream, and at least a portion of the H2, d - hydrocarbon-con taining net gas stream are introduced to a re-contacting recovery zone for forming aH2 -rich stream, a C 3/C4 hydrocarbon-rich LPG stream, and a C5+ hydrocarbon-rich reformate stream.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2015

(21) Application No.4906/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR MANUFACTURING ALL SOLID STATE BATTERIES IN A MULTILAYER STRUCTURE

| | |
|---|---|
| (51) International classification | :H01M4/04,H01M4/139,H01M10/04 |
| (31) Priority Document No | :12 62967 |
| (32) Priority Date | :31/12/2012 |
| (33) Name of priority country | :France |
| (86) International Application No<br>Filing Date | :PCT/FR2013/053289<br>:31/12/2013 |
| (87) International Publication No | :WO 2014/102520 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)GABEN ,Fabien**

(57) Abstract :
The invention relates to a method for manufacturing all- solid- state batteries , said batteries including at least one layer containing anode materials (anode layer), at least one layer containing solid electrolyte materials (electrolyte layer) , and at least one layer containing cathode materials (cathode layer) , each of said three layers being deposited by electrophoresis , method in which two layers obtained by electrophoresis are stacked surface to- surface in order to obtain a multi -layer , all -solid- state battery consisting of an assembly of a plurality of elementary cells connected to one another in parallel, said method being characterised in that , prior to stacking said layers obtained by electrophoresis surface- to- surface, a layer of linking material M is deposited on the surface of at least one of said two layers obtained by electrophoresis which will be stacked surface- to- surface.

No. of Pages : 76 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2015

(21) Application No.4907/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DEVICE FOR PRODUCING MILK FOAM

(51) International classification :A47J43/12
(31) Priority Document No :12199185.5
(32) Priority Date :21/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/077362
Filing Date :19/12/2013
(87) International Publication No :WO 2014/096183
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)AIT BOUZIAD Youcef**
**2)YOAKIM Alfred**
**3)PERRIN Alexa**

(57) Abstract :
The present invention provides a device 1 for producing milk foam which makes use of Couette flow and a high shear stress that is accordingly applied to a milk air mixture between two concentrically arranged cylinders 2 3. The cylinders are rotated relatively to another. The high shear stress leads to an emulsion of the milk and the air which is the basis for a foaming effect once the emulsion flows out of a gap 6 between the two cylinders 2 3 and expands. The parameters of the device 1 that mainly influence the foaming effect are the width of the gap 6 and the relative rotation speed of the cylinders.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2015

(21) Application No.4908/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ELECTRIC ACTUATOR SYSTEM

| | |
|---|---|
| (51) International classification | :A61G7/018,H04W60/00,G06K19/07 |
| (31) Priority Document No | :PA 2012 00792 |
| (32) Priority Date | :14/12/2012 |
| (33) Name of priority country | :Denmark |
| (86) International Application No<br>Filing Date | :PCT/DK2013/000087<br>:13/12/2013 |
| (87) International Publication No | :WO 2014/090253 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)MADSEN, Allan ,H.**

(57) Abstract :
A communication system for exchanging data between an actuator system and an external device, e.g., an operation where the communication system in the form of a gateway and a codex interprets the information in the bidirectional data stream and communicates the information on both sides. The communication system is furthermore provided with an RFID circuit integrated in a handset. The RFIC circuit can communicate information about the gateway s unique identification , also known as an MAC- address. This achieves easy connection of an external device to the actuator system without having to enter data manually.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012

(21) Application No.4791/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HERBICIDAL COMPOSITION COMPRISING A PYRANDIONE HERBICIDE AND A CO-HERBICIDE

(51) International classification :A01N 43/16
(31) Priority Document No :0922101.1
(32) Priority Date :17/12/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/002268
Filing Date :10/12/2010
(87) International Publication No :WO 2011/073615
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)MATHEWS CHRISTOPHER JOHN**
**3)MITCHELL GLYNN**
**4)SCREPANTI CLAUDIO**

(57) Abstract :
The present invention relates to a herbicidal composition comprising as active ingredient a mixture of a) a herbicidally effective amount of a compound of formula (I) wherein: R1 is methyl, ethyl, n-propyl, halogen, difuoromethoxy, trifluoromethoxy or trifluoromethyl, R2 is phenyl or phenyl substituted by C1-C4 alkyl, C1-C4 haloalkyl, C1-C4 alkoxy, C1-C4 haloalkoxy or halogen, R4, R5, R6 and R7, independently of each other, are hydrogen or C1-C4 alkyl, Y is O, and G is hydrogen, an alkali metal, alkaline earth metal, sulfonium, or ammonium, or G is a latentiating group which is C(O)-Ra or C(O)-O-Rb; and b) a co-herbicide selected from the group consisting of fenoxasulfone, ipfencarbazone, propyrisulfuron, and N-[2-[(4,6-dimethoxy-1,3,5-triazin-2-yl)carbonyl]-6-fluorophenyl]-1,1- difluoro-N-methylmethanesulfonamide. The herbicidal composition is typically for controlling grasses and weeds in crops of useful plants, especially for controlling Echinochloa and/or Leptochloa weeds in crops of rice.

No. of Pages : 49 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012

(21) Application No.4792/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ADULT STEM CELL DERIVED CONDITIONED MEDIUM AND/OR ADULT STEM CELLS FOR USE IN THE THERAPEUTIC TREATMENT OF A TUMOR DISEASE

(51) International classification :C12N 5/074
(31) Priority Document No :09425504.9
(32) Priority Date :09/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/069049
Filing Date :07/12/2010
(87) International Publication No :WO 2011/070001
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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**2)FONSATO VALENTINA**
**3)TETTA CIRO**
**4)CAMUSSI GIOVANNI**

(57) Abstract :
The invention is in the field of therapeutic treatment of tumours. It has been found that the conditioned medium resulting from culturing an adult stem cell capable of differentiating into a plurality of differentiated cell types in a liquid cell culture medium and/or the adult stem cell from which the conditioned medium is obtainable, exert a remarkable anti-tumour effect. The adult stem cell derived conditioned medium preferred in this therapeutic application is a cell free conditioned medium derived from a human liver stem cell (HLSC-CM).

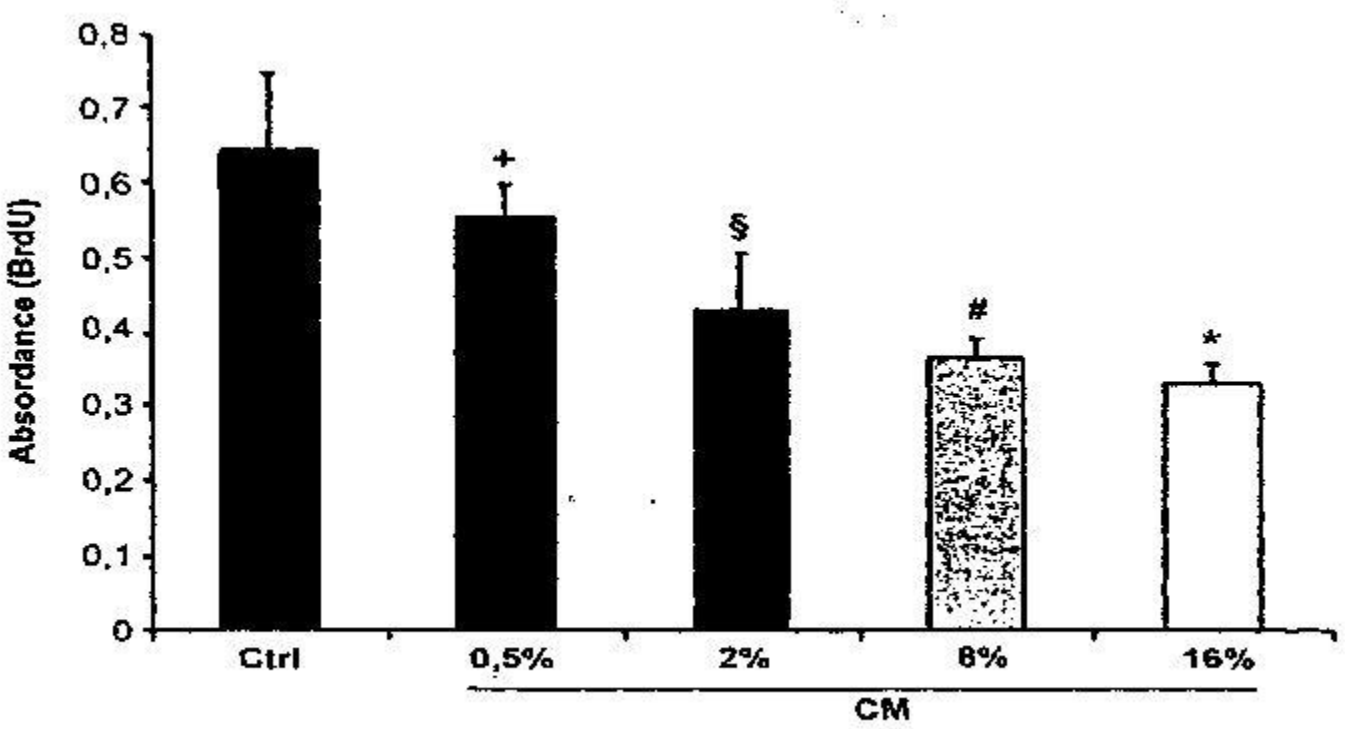



Figure 1

No. of Pages : 46 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012
(21) Application No.4793/DELNP/2012 A
(43) Publication Date : 04/12/2015

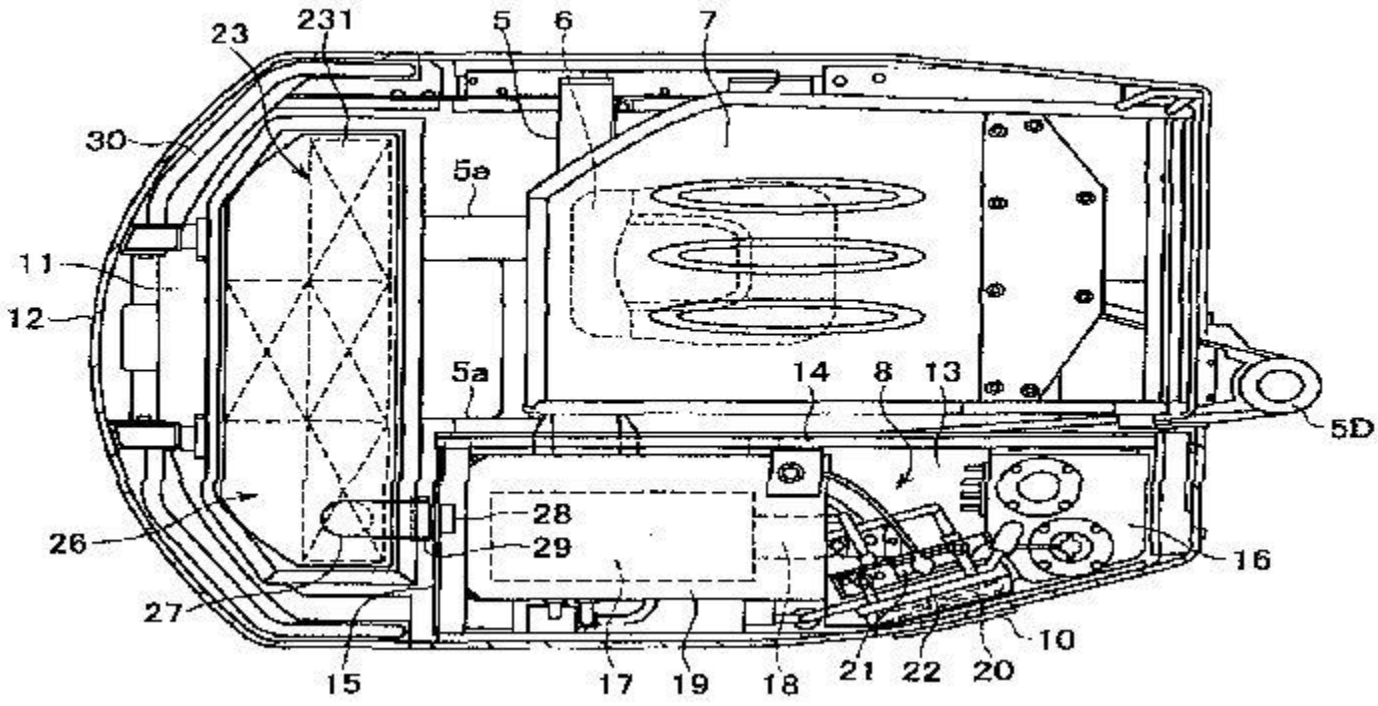
(54) Title of the invention : ELECTRIC CONSTRUCTION MACHINE

(51) International classification :E02F 9/00
(31) Priority Document No :2010-136361
(32) Priority Date :15/06/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/061905
Filing Date :24/05/2011
(87) International Publication No :WO 2011/158618
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)AKIRA NOGUCHI**
**2)YUNOUE MASAYUKI**

(57) Abstract :
The object of the present invention is to provide an electric construction machine capable of efficiently cooling the battery mounted on the swing structure. To achieve the object, there is provided an electric construction machine in which a battery storage room 11 is formed in the swing structure 3 and a plurality of batteries 231 as electric power sources are arranged in the battery storage room 11, comprising: a battery storage structure 23 storing the batteries 231 and having an air flow channel through which air can flow upward from a lower part of the battery storage structure 23; a covering sheet 26 entirely covering the top and side faces of the battery storage structure 23; and a duct 27 for discharging the air, one end of which is arranged in an upper part of the covering sheet 26.

FIG. 4




No. of Pages : 31 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2015

(21) Application No.4935/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DISTRIBUTED POWER GENERATION SYSTEM , CONTROL STATION AND CONTROL METHOD THEREFOR

(51) International classification :H02J3/46,H02J3/32,H02J9/08
(31) Priority Document No :2012269151
(32) Priority Date :10/12/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/083540
Filing Date :10/12/2013
(87) International Publication No :WO 2014/092195
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)TANI Yumi**

(57) Abstract :
A distributed power generation system comprising: a plurality of power distribution stations capable of receiving power supply from an external power source and which adjustably generate power; a power supply grid network connected to the plurality of power distribution stations and which supplies the received power to a plurality of demand loads that use power; and a control station that obtains information relating to power distribution time used for calculating the time required for power supply , obtains power supply and demand volumes to be supplied via the power supply grid network during the period that power supply is required as determined from the obtained information relating to power distribution time , and selects one or a required number of power distribution stations that supply power at a low cost to the plurality of demand loads in accordance with the calculated power distribution period and power supply and demand volumes, and on the basis of the startup/stop costs and operation costs of individual power distribution stations.

No. of Pages : 76 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4644/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : NEBULIZER

(51) International classification :A61M 15/00
(31) Priority Document No :09014679.6
(32) Priority Date :25/11/2009
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2010/067896
Filing Date :22/11/2010
(87) International Publication No :WO 2011/064160
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**4)FRANK HERRMANN**
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**6)MANUEL DAELMAN**
**7)RALF THOEMMES**
**8)GILBERT WUTTKE**

(57) Abstract :
A nebulizer, in particular inhaler, having a pre-installed container is proposed. The container has a fluid outlet with two associated closures. A first closure is already pierced in a delivery state where the container is pre-installed in the partly closed nebulizer. The second closure is opened just before or when completely closing the nebulizer and using the nebulizer. (Fig. 3)

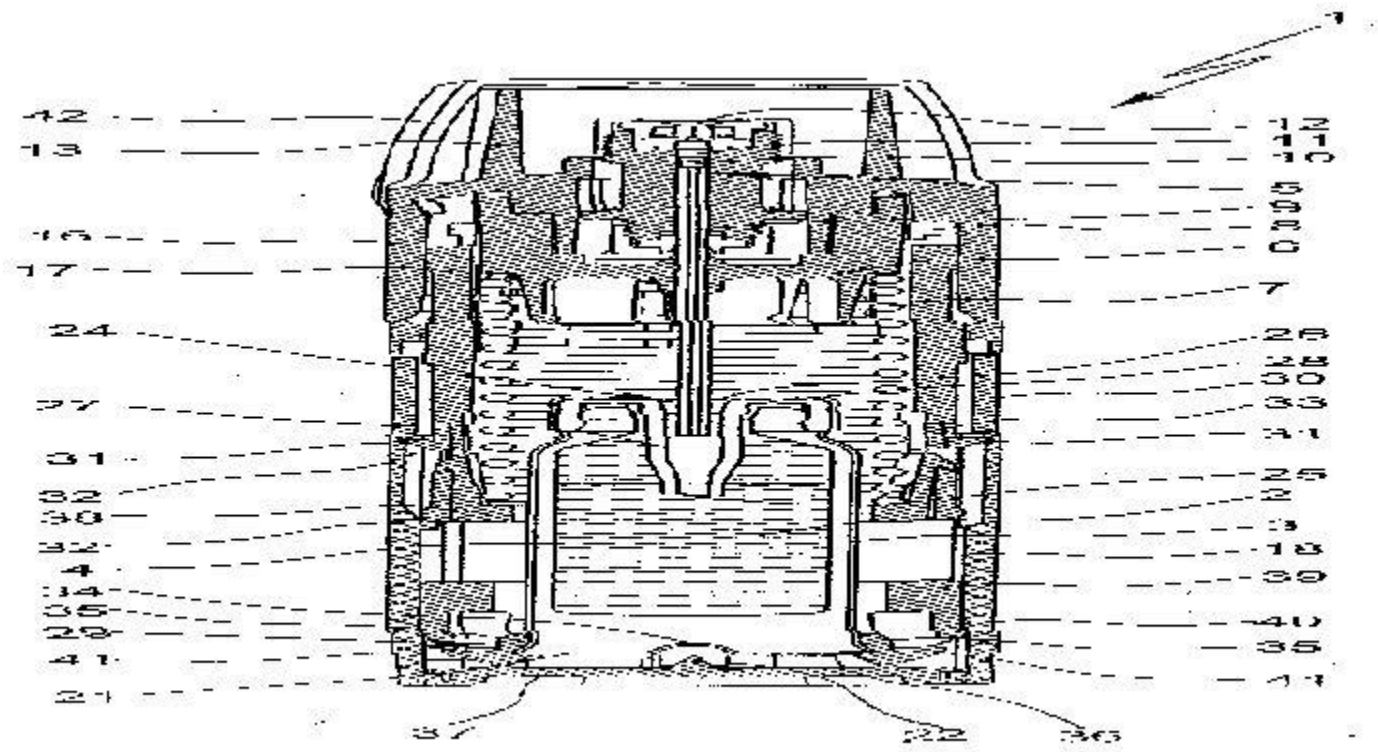


Fig. 3

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4645/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : TREATMENT OF GENOTYPED DIABETIC PATIENTS WITH DPP-IV INHIBITORS SUCH AS LINAGLIPTIN

(51) International classification :A61K 31/155
(31) Priority Document No :09177418.2
(32) Priority Date :27/11/2009
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2010/068349
Filing Date :26/11/2010
(87) International Publication No :WO 2011/064352
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)EVA ULRIKE GRAEFE-MODY**
**3)MICHAEL MARK**
**4)HANS-JUERGEN WOERLE**
**5)HEIKE ZIMDAHL-GELLING**

(57) Abstract :
The present invention relates to methods for preventing or treating of metabolic disorders and related conditions, such as in certain patient groups.

No. of Pages : 119 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2015

(21) Application No.4926/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND APPARATUS RELATING TO SURGE PROTECTION

(51) International classification :H02H9/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/SE2012/051451
Filing Date :20/12/2012
(87) International Publication No :WO 2014/098674
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)ANDERSSON ,Arne**
**2)TEGNANDER, Hans**

(57) Abstract :
According to an embodiment a method for an SPD (300a; 300b) is provided. The method comprises obtaining (405) a current measurement value I from a measurement of an input or an output current of a victim unit (210) associated with the SPD (300a; 300b). Based on the current measurement value I a determination is made whether to initiate a voltage limitation in the SPD (300a; 300b). In case it is determined to initiate the voltage limitation, the voltage limitation is initiated. An SPD (300; 300b) configured for corresponding operation is also provided. A discovered advantage is that input/output current of a victim unit is much less sensitive to impedance clamping effects compared to SPD voltages. A detection of surge conditions becomes more reliable.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2015

(21) Application No.4927/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HEATING ASSEMBLY FOR A THERMOSTATIC VALVE AND CORRESPONDING PRODUCTION METHOD AND A THERMOSTATIC VALVE COMPRISING SUCH AN ASSEMBLY

(51) International classification :H05B3/06,H05B3/42
(31) Priority Document No :1262081
(32) Priority Date :14/12/2012
(33) Name of priority country :France
(86) International Application No :PCT/EP2013/076525
Filing Date :13/12/2013
(87) International Publication No :WO 2014/090986
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)POTTIE, Nicolas**
**2)GAUTIER GRAINDORGE ,Guillaume**

(57) Abstract :
This heating assembly comprises a thermally conductive tube (42) , to be immersed in a thermally expandable material of a thermostatic element of a valve, an electric heating resistor disposed inside the tube and from which there extend electrically conductive wires (62), and a unitary housing (1) made from plastic, through which the fluid to be regulated flows via the valve , and which is secured by overmoulding of a longitudinal end portion (44) of the tube. In order to make the moulding of the overmoulded housing simple and inexpensive to carry out ,while being easy to adapt to various geometric forms of the heating assembly ,the invention proposes that, before the housing is moulded , a reinforcement (7) for supporting the wires outside the tube , which is separate from the housing , and to which the housing is secured by overmoulding ,can be securely mounted on the end portion of the tube and supports the wires outside the tube , said wires being externally mounted on the reinforcement, and ,when the housing is being moulded , keeps the wires in place while the plastic material of the housing coats these wires , the reinforcement and the end portion of the tube.

No. of Pages : 20 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2015

(21) Application No.4928/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ARTICLES, SYSTEMS, AND METHODS FOR FORGING ALLOYS

(51) International classification :B21J1/06,B21J3/00
(31) Priority Document No :13/833043
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/019781
Filing Date :03/03/2014
(87) International Publication No :WO 2014/149591
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)MINISANDRAM ,Ramesh S.**
**3)OBRIEN ,Christopher M.**

(57) Abstract :
A system and method of processing an alloy ingot or other alloy workpiece to reduce thermal cracking and reduce friction between the workpiece and the forging die may generally comprise positioning a multi-layer pad between the workpiece and the forging die. An article for processing an alloy ingot or other alloy workpiece to reduce thermal cracking also is disclosed. The present disclosure also is directed to an alloy workpieces processed according to the methods described herein, and to articles of manufacture including or made from alloy workpieces made according to these methods.

No. of Pages : 42 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2012

(21) Application No.1929/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : OIL LEVEL MAINTENANCE SYSTEM

(51) International classification :F16B
(31) Priority Document No :P201100727
(32) Priority Date :28/06/2011
(33) Name of priority country :Spain
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)ZABALA ZABALA, JOSE MA**

(57) Abstract :
Oil level maintenance system for a gearbox (3) in a wind turbine comprising an intermediate tank (7) for determining the inlets (8.1, 8.2) and outlets (9.1, 9.2) of connection between the multiplication stages (6) of the gearbox (3) in the wind turbine and the external tank (5) for oil destined for the gearbox (3).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012

(21) Application No.4775/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND ARRANGEMENT FOR NETWORK NODES OF A WIRELESS COMMUNICATION NETWORK

(51) International classification :H04W 52/02
(31) Priority Document No :09180306.4
(32) Priority Date :22/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/068498
Filing Date :30/11/2010
(87) International Publication No :WO 2011/076529
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)LINDOFF, BENGT**
**2)KAZMI, MUHAMMAD**
**3)JADING, YLVA**

(57) Abstract :
A method of operating a wireless network node of a wireless communication network is disclosed. The wireless network nodes have at least first and second downlink transmission modes, the first downlink transmission mode comprising normal operation of a particular network node and being applicable when a number of active terminals in a cell associated with the particular network node is greater than a first mode threshold value, and the second downlink transmission mode comprising restricted downlink transmission of the particular network node and being applicable when the number of active terminals in the cell associated with the particular network node is less than or equal to a second mode threshold value. The method comprises transmitting a signal indicative of a current downlink transmission mode of the wireless network node. Corresponding computer program product and arrangement are also disclosed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012

(21) Application No.4779/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND ARRANGEMENT FOR A TERMINAL OF A WIRELESS COMMUNICATION NETWORK

(51) International classification :H04W 48/08
(31) Priority Document No :09180300.7
(32) Priority Date :22/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/068300
Filing Date :26/11/2010
(87) International Publication No :WO 2011/076517
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)KAZMI, MUHAMMAD**
**3)JADING, YLVA**

(57) Abstract :
A method of operating a terminal of a wireless communication network is disclosed. The wireless communication network comprises one or more wireless network nodes having at least first and second downlink transmission modes, the first downlink transmission mode comprising normal operation of a particular network node and being applicable when a number of active terminals in a cell associated with the particular network node is greater than a first mode threshold value, and the second downlink transmission mode comprising restricted downlink transmission of the particular network node and being applicable when the number of active terminals in the cell associated with the particular network node is less than or equal to a second mode threshold value. The method comprises detecting a cell identity for a cell associated with a wireless network node of the wireless communication system, detecting a current downlink transmission mode of the wireless network node as the first or second downlink transmission mode, and adapting a further operation of the terminal based on the detected current downlink transmission mode. Corresponding computer program product and arrangement are also disclosed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2015

(21) Application No.4921/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COMPOSITIONS CONTAINING FLUORINE SUBSTITUTE OLEFINS •

(51) International classification :C09K5/04
(31) Priority Document No :60/693,853
(32) Priority Date :24/06/2005
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2006/024886
Filing Date :26/06/2006
(87) International Publication No :WO/2007/002625
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :114/DELNP/2008
Filed on :04/01/2008

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**4)THOMAS, Raymond, H.**
**5)SPATZ, Mark, W.**
**6)METCALF, David, A.**

(57) Abstract :
Various uses of tetrafluoropropenes, particularly (HFO-1234) in a variety of applications, including refrigeration equipment, are disclosed. These materials are generally useful as refrigerants for heating and cooling, as blowing agents, as aerosol propellants, as solvent composition, and as fire extinguishing and suppressing agents.

No. of Pages : 52 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2015

(21) Application No.4922/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PROCESS OF ASYMMETRIC HYDROGENATION OF KETALS AND ACETALS

(51) International classification :C07D317/12,C07D317/50,C07C41/48
(31) Priority Document No :12197861.3
(32) Priority Date :18/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/077231
Filing Date :18/12/2013
(87) International Publication No :WO 2014/096096
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)NETSCHER ,Thomas**
**3)MEDLOCK, Jonathan Alan**
**4)VERZIJL, Gerardus Karel Maria**
**5)VRIES DE ,Andreas Hendrikus Maria**

(57) Abstract :
The present invention relates to a process of the asymmetric hydrogenation of a ketal of an unsaturated ketone or an acetal of an unsaturated aldehyde by molecular hydrogen in the presence of at least one chiral iridium complex. This process yields chiral compounds in a very efficient way and is very advantageous in that the amount of iridium complex can be remarkably reduced.

No. of Pages : 80 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2015

(21) Application No.4936/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PRECISION GENE TARGETING TO A PARTICULAR LOCUS IN MAIZE

(51) International classification :C12N15/82
(31) Priority Document No :61/736856
(32) Priority Date :13/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/074916
Filing Date :13/12/2013
(87) International Publication No :WO 2014/093768
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**5)PETOLINO, Joseph F.**
**6)SASTRYDENT, Lakshmi**
**7)THOMPSON, Steven A.**
**8)WEBB, Steven R.**
**9)WELTER, Mary E.**
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**4)EVANS ,Steven L.**
**5)PETOLINO, Joseph F.**
**6)SASTRY DENT ,Lakshmi**
**7)THOMPSON ,Steven A.**
**8)WEBB ,Steven R.**
**9)WELTER ,Mary E.**
**10)ZHOU, Ning**

(57) Abstract :
The present invention claims methods for the stable integration of exogenous DNA into a specific locus , E32 ,in the maize genome through the use of zinc finger nucleases. Maize plants and plant parts that were transformed by the methods of the invention are claimed. The invention is useful for creating desirable traits such as herbicide resistance , herbicide tolerance , insect resistance , insect tolerance , disease resistance , disease tolerance , stress tolerance , and stress resistance in maize The E32 locus represents a superior site for inserting foreign genes because native agronomic phenotypes are not disturbed.

No. of Pages : 77 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2015

(21) Application No.4937/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PAPER SHEET HANDLING DEVICE

(51) International classification :G07D9/00,B65H5/06,G07D7/00
(31) Priority Document No :2012278449
(32) Priority Date :20/12/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/081046
Filing Date :18/11/2013
(87) International Publication No :WO 2014/097795
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
An objective of the present invention is to simplify a removal of sheets of paper which are jammed in a conveyance path. Disposed in the present device are: a vault casing wherein a paper sheet storage vault is housed; a processing unit which is disposed to extractable from and storable within the present device; a conveyance part which is disposed in the processing unit and forms a conveyance path; a transfer part which is disposed upon the ceiling of the vault casing and is for transferring paper sheets between the paper sheet storage vault and the conveyance path; and an alignment part which aligns the transfer unit and the conveyance path for connection when the processing unit is stored in the device. The present invention connects the transfer part and the conveyance path when the processing unit is stored in the device such that the paper sheets may be transferred without jamming. Even if the paper sheets jam during conveyance it is possible thereby to limit the site thereof to the conveyance path of the processing unit. As a result , it is possible for only the processing unit to be extracted from the device and the jammed paper sheets removed from the conveyance path , allowing simplifying the removal of the paper sheets which have jammed in the conveyance path.

No. of Pages : 151 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2015

(21) Application No.4938/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HALOGEN- FREE , FLAME- RETARDANT INSULATING ELECTRICAL WIRE AND FLAME RETARDANT INSULATING TUBE

| | |
|---|---|
| (51) International classification | :H01B7/295,C08K5/04,C08K5/5313 |
| (31) Priority Document No | :2013194030 |
| (32) Priority Date | :19/09/2013 |
| (33) Name of priority country | :Japan |
| (86) International Application No<br>Filing Date | :PCT/JP2014/068775<br>:15/07/2014 |
| (87) International Publication No | :WO 2015/040941 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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**3)HAYAMI ,Hiroshi**
**4)AOKI ,Kazuhira**
**5)OCHI, Yuji**
**6)HOR,I Kenji**

(57) Abstract :
Provided is a halogen- free , flame- retardant insulating electrical wire or halogen free flame retardant ,insulating tube having an insulating sheath in which insulation resistance abrasion resistance ,resistance to thermal deformation , and flame retardancy are highly balanced , and in particular, a halogen -free , flame- retardant insulating electrical in which the aforementioned characteristics are highly balanced , and which has hot water resistance high enough to pass the DC stability test required in the EN50306- 2 standard for railroad car use. The insulating electrical wire or halogen- free, flame- retardant insulating tube has a conductor and a halogen- free insulating sheath sheathing the conductor , the insulating sheath and the flame -retardant insulating tube having a layer comprising a polyester resin composition in which a polyester elastomer contains 5- 50 mass parts of a phosphinic acid metal salt and 1 -10 mass parts of a polyfunctional monomer , per 100 mass parts of the resin component.

No. of Pages : 34 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2015

(21) Application No.4939/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COMBINED SOLUTION PUMP AND STORAGE SYSTEM FOR USE WITH A REDUCED PRESSURE TREATMENT SYSTEM

(51) International classification :A61M3/02,A61M1/00
(31) Priority Document No :61/729926
(32) Priority Date :26/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/071455
Filing Date :22/11/2013
(87) International Publication No :WO 2014/082003
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)TOUT, Aidan, Marcus**
**2)SMITH ,Kenneth**
**3)LAWHORN, Thomas, Paul**

(57) Abstract :
A therapy device (104) for instillation of fluid to a tissue site is described. The therapy device includes a base having a cartridge receptacle (122) and a support (120) coupled to the base to secure the base to a pole. The therapy device also includes a cartridge (112) configured to engage the base when positioned in the cartridge receptacle. The therapy device also includes a pump head (128) disposed within the cartridge receptacle and configured to engage the cartridge for movement of fluid. The cartridge includes a body forming at least a portion of a fluid reservoir and a tube segment coupled to the body and in fluid communication with the fluid reservoir. The tube segment is configured to engage the pump head.

No. of Pages : 58 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012

(21) Application No.4800/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : TIRE FILLING ASSISTANT

(51) International classification :B60C 23/04
(31) Priority Document No :10 2009 058 881.7
(32) Priority Date :18/12/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/069234
Filing Date :09/12/2010
(87) International Publication No :WO 2011/073072
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)KUCHLER; GREGOR**
**2)FISCHER; FRANK**
**3)SPOTKA; JURGEN**

(57) Abstract :
The invention relates to a device for monitoring a fill level of a plurality of tires (102) of a vehicle (100), comprising a situation detecting unit (104) set up for detecting a situation in which adaptation of a fill level of at least one of the tires (102) of the vehicle (100) is expected. The device further comprises a fill level adaptation assistant (106) set up for autonomously assisting a user of the vehicle (100) during the adaptation of the fill level of the at least one tire (102) when said situation is detected.

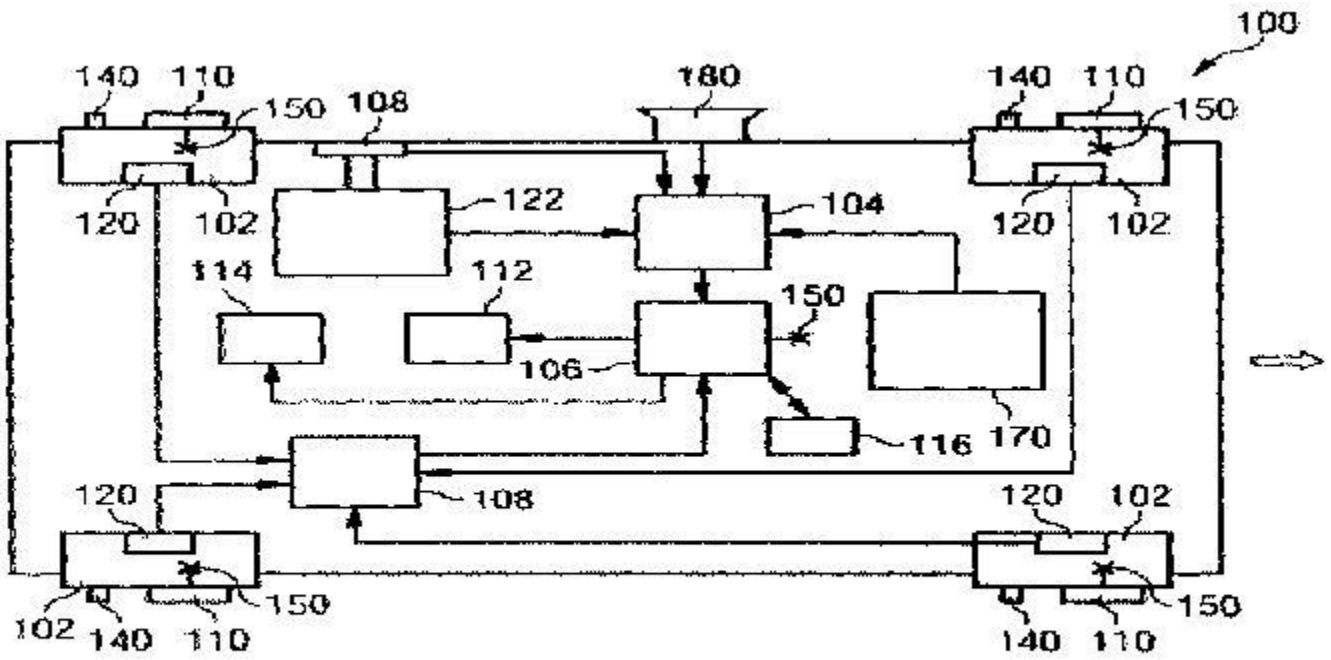



**FIG: 1**

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2015

(21) Application No.4945/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COMPOSITIONS COMPRISING VORTIOXETINE AND DONEPEZIL

(51) International classification :A61K31/445,A61K31/495,A61P25/00
(31) Priority Document No :61/736799
(32) Priority Date :13/12/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/076337
Filing Date :12/12/2013
(87) International Publication No :WO 2014/090929
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)MORILLO, Connie, Sanchez**

(57) Abstract :
Pharmaceutical compositions comprising vortioxetine and donepezil are provided and the use of such composition for the treatment of cognitive dysfunctions.

No. of Pages : 35 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2015

(21) Application No.4946/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SCALABLE HIGH THROUGHPUT VIDEO ENCODER

| | |
|---|---|
| (51) International classification | :H04N7/26,H04N19/436,H04N19/30 |
| (31) Priority Document No | :13/720546 |
| (32) Priority Date | :19/12/2012 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No<br>Filing Date | :PCT/CA2013/050979<br>:17/12/2013 |
| (87) International Publication No | :WO 2014/094158 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

(71)**Name of Applicant :**
**1)ATI TECHNOLOGIES ULC**
Address of Applicant :One Commerce Valley Drive East, Markham ,Ontario L3T 7X6 Canada
(72)**Name of Inventor :**
**1)ZHANG, Lei**
**2)LUO ,Ying**
**3)HAROLD, Edward**

(57) Abstract :
A scalable high throughput video encoder is described herein. A plurality of dedicated , hardware video encoders runs in a staggered , parallel architecture , where each video encoder encodes a video frame and the stagger or delay is a programmable number of macroblock rows. In an example method , after a first video encoder finishes encoding the first x macroblock rows of a frame , the first video encoder signals a second video encoder to start encoding a macroblock row of a next unprocessed frame. Both video encoders continue encoding in parallel in a synchronized ,staggered manner. At the end of the frame, the first video encoder starts encoding x macroblock rows of another unprocessed frame.

No. of Pages : 20 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2015

(21) Application No.4947/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DUAL CARD READER FOR MOBILE DEVICE

(51) International classification :H04M1/02,G06Q20/32,G07F7/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/SE2012/051380
Filing Date :12/12/2012
(87) International Publication No :WO 2014/092615
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)IZETTLE MERCHANT SERVICES AB**
Address of Applicant :–stermalmsgatan 33, S -100 40 Stockholm Sweden
(72)**Name of Inventor :**
**1)GUSTAFSSON, Olle**
**2)STAHLE, Peder**

(57) Abstract :
The invention relates to a card reader for use with a mobile phone comprising a flat body comprising an upper side , a lower side and at least one side wall , a connector for connecting the card reader to a mobile phone, a chip card reader ,comprising an elongated opening in a side wall of said card reader, adapted to read a chip card , positioned in a first plane, in said opening; and a magnet stripe reader comprising a slot in a side wall of the card reader, said slot being adapted to read a magnet stripe slid in the slot along a second plane; wherein the first plane and the second plane intersects.

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2015

(21) Application No.4948/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CHITIN OR DERIVATIVES THEREOF FOR THE PREVENTION AND/OR TREATMENT OF PARASITOSES

(51) International classification :A61K31/722,A61K45/06
(31) Priority Document No :1262072
(32) Priority Date :14/12/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/053010
Filing Date :10/12/2013
(87) International Publication No :WO 2014/091138
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)AUCLAIR ,Eric**
**2)MARDEN ,Jean- Philippe**
**3)LAURENT, Fabrice**
**4)LACROIX -LAMANDE ,Sonia**

(57) Abstract :
The subject matter of the present invention is the use of chitin or a derivative of chitin for preventing and/or treating parasitoses and in particular cryptosporidiosis. The present invention also pertains to a composition that comprises at least one base agent chosen from among chitin or a derivative of chitin and at least one secondary agent chosen from among an agent for stimulating immunity and an antiparasite agent , as well as the use of same for preventing and/or treating parasitoses, in particular cryptosporidiosis.

No. of Pages : 38 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2015

(21) Application No.4949/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : APPARATUS AND METHODS EMPLOYING LIQUID- IMPREGNATED SURFACES

(51) International classification :B08B17/06,B29C59/02,C09D5/16
(31) Priority Document No :61/728219
(32) Priority Date :19/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/070827
Filing Date :19/11/2013
(87) International Publication No :WO 2014/078867
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)MASSACHUSETTS INSTITUTE OF TECHNOLOGY**
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(72)**Name of Inventor :**
**1)SMITH, J. David**
**2)ANAND ,Sushant**
**3)BENGALURU SUBRAMANYAM, Srinivas Prasad**
**4)RYKACZEWSKI ,Konrad**
**5)VARANASI ,Kripa K.**

(57) Abstract :
The invention is directed to apparatus comprising a liquid -impregnated surface (100), said surface (100) comprising an impregnating liquid and a matrix of solid features (102) spaced sufficiently close to stably contain the impregnating liquid therebetween or therewithin and methods thereof. In some embodiments , one or both of the following holds: (i) $0 < \tilde{} \leq 0.25$ where ˜ is a representative fraction of the projected surface area of the liquid- impregnated surface (100) corresponding to non submerged solid at equilibrium; and (ii) Sow(a)< 0 , where Sow (a) is spreading coefficient, defined as ym- ymo -Yoa, where y is the interfacial tension between the two phases designated by subscripts w , a , and o , where w is water , a is air, and o is the impregnating liquid.

No. of Pages : 76 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2015

(21) Application No.4940/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A STABILISED HYDROELECTRIC TURBINE SYSTEM

(51) International classification :F03B13/26
(31) Priority Document No :12194490.4
(32) Priority Date :27/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/074633
Filing Date :25/11/2013
(87) International Publication No :WO 2014/082968
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)OPENHYDRO IP LIMITED**
Address of Applicant :South Dock House, Hanover Quay, Dublin 2 Ireland
(72)**Name of Inventor :**
**1)DUNNE ,Paul**
**2)CARLISLE, Andrew**

(57) Abstract :
The present invention provides a hydroelectric turbine system (10) including a base (12) on which a hydroelectric turbine (14) is mounted and supported ,the base (12) having a number of fixed length legs (20) and at least one adjustable length leg (22) , in order to allow all of the legs to contact the seabed in order to evenly distribute the system load into the seabed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2015

(21) Application No.4941/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HYBRID VEHICLE CONTROL DEVICE

| | |
|---|---|
| (51) International classification | :B60W10/08,B60K6/445,B60W20/00 |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No<br>Filing Date | :PCT/JP2012/082232<br>:12/12/2012 |
| (87) International Publication No | :WO 2014/091582 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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(72)**Name of Inventor :**
**1)OSHIUMI Yasuhiro**

(57) Abstract :
This control device (11) controls a hybrid vehicle (1) which is provided with: a planetary gear mechanism (22) which includes a first gear (23S) coupled to a first rotation machine (MGI), a carrier (23C) coupled to the engine shaft (26) of an internal combustion engine (21), and a second gear (23R) coupled to a drive shaft (43) to which a second rotation machine (MG2) is coupled; and a rotation blocking mechanism (24) which blocks rotation of the engine shaft in the other direction. When , in a state in which the internal combustion engine has stopped and the hybrid vehicle is traveling in a dual drive travel mode using both a first torque (Tg) outputted by the first rotation machine and a second torque (Tm) outputted by the second rotation machine , the control device (11) adjusts the ratio of the first torque to the total torque on the basis of the determination result of whether or not the temperature (t1) of the first gear mechanism satisfies a desired condition.

No. of Pages : 64 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2015

(21) Application No.4942/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : TUBE -RETAINING CLIP ASSEMBLY

(51) International classification :F16L3/13,F16L3/237
(31) Priority Document No :61/806510
(32) Priority Date :29/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/016698
Filing Date :17/02/2014
(87) International Publication No :WO 2014/158437
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)ILLINOIS TOOL WORKS INC.**
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(72)**Name of Inventor :**
**1)FLYNN ,Gregory S.**

(57) Abstract :
A clip assembly (10) is configured to securely connect a tubular member to a structure. The clip assembly may include a base (12) connected to first and second lateral walls (14) and a tube cradle (20) connected to the base and the lateral walls. The tube cradle defines a tube -receiving channel configured to receive the tubular member. First and second tube- retaining locking arms (32) are configured to securely retain the tubular member within the tube receiving channel. The first and second tube- retaining locking arms are configured to flex toward the first and second lateral walls respectively as the tubular member is inserted into the tube- receiving channel The first and second tube reining locking arms securely connect to the first and second lateral walls respectively , when the tubular member is received within the tube -receiving channel to securely retain the tubular member within the tube -receiving channel.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2015

(21) Application No.4943/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CHILD RESISTANT PUMPS

(51) International classification :B65D83/76
(31) Priority Document No :61/726554
(32) Priority Date :14/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/069999
Filing Date :14/11/2013
(87) International Publication No :WO 2014/078478
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)PATIL, Bipin Raman**
**2)DOBBS ,Douglas B.**

(57) Abstract :
A child- resistant feature or lock for a sprayer including a collar and a sleeve wherein the sleeve may be rotated from a locked position to an unlocked position to allow actuation of an actuator and pump for distribution of a product from a container to which the child - resistant feature is mounted.

No. of Pages : 35 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2015

(21) Application No.4944/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COMPOSITIONS AND METHODS FOR BIOLOGICAL PRODUCTION OF FATTY ACID DERIVATIVES

(51) International classification :C12P7/64,C12N1/20
(31) Priority Document No :61/724733
(32) Priority Date :09/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/069252
Filing Date :08/11/2013
(87) International Publication No :WO 2014/074886
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)CALYSTA ENERGY, INC.**
Address of Applicant :1140 OBrien Drive ,Suite B, Menlo Park ,California 94025 U.S.A.
(72)**Name of Inventor :**
**1)SILVERMAN, Joshua**

(57) Abstract :
The present disclosure provides compositions and methods for biologically producing fatty acid derivatives such as fatty alcohols , from recombinant C metabolizing microorganisms that utilize C substrates such as methane or natural gas as a feedstock.

No. of Pages : 79 No. of Claims : 76

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.4709/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : N-PARAFFIN SELECTIVE HYDROCONVERSION PROCESS USING BOROSILICATE ZSM-48 MOLECULAR SIEVES

(51) International classification :C07C 4/06
(31) Priority Document No :12/612,820
(32) Priority Date :05/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/053739
Filing Date :22/10/2010
(87) International Publication No :WO 2011/056469
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)BURTON, ALLEN, W.**

(57) Abstract :
The present invention is directed to processes using a borosilicate ZSM-48 as a catalyst for the selective hydroconversion of heavy normal paraffins into lighter normal paraffin products, with minimal formation of isoparaffins. The borosilicate ZSM-48 molecular sieve has a mole ratio of between 40 and 400 of silicon oxide to boron oxide, synthesized using novel structure directing agents.

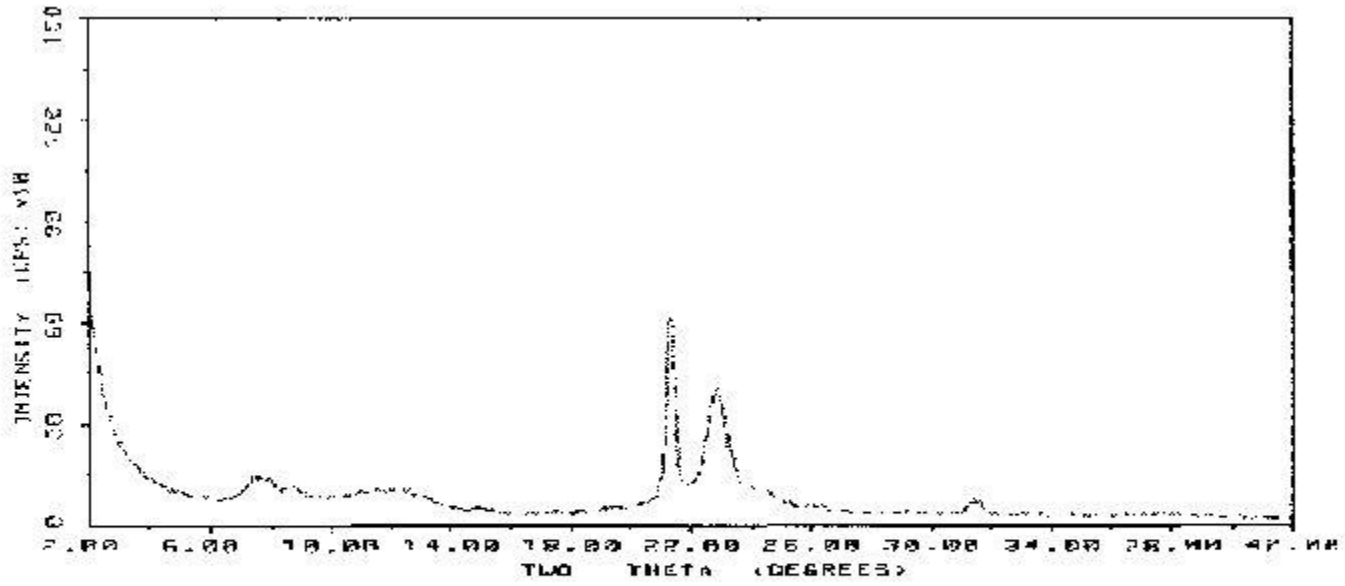



FIG. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.4710/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND COMPOSITIONS FOR DETECTING GENETIC MATERIAL

(51) International classification :C12P 19/34
(31) Priority Document No :61/264,591
(32) Priority Date :25/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/058124
Filing Date :25/11/2010
(87) International Publication No :WO 2011/066476
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)HINDSON, BENJAMIN**
**2)SAXONOV, SERGE**
**3)BELGRADER, PHILIP**
**4)NESS, KEVIN**
**5)LUCERO, MICHAEL**
**6)COLSTON, BILLY**

(57) Abstract :
This invention provides compositions and methods for detecting differences in copy number of a target polynucleotide. In some cases, the methods and compositions provided herein are useful for diagnosis of fetal genetic abnormalities, when the starting sample is maternal tissue (e.g., blood, plasma). The methods and materials described apply techniques for allowing detection of small, but statistically significant, differences in polynucleotide copy number.

No. of Pages : 101 No. of Claims : 100

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.4711/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR SEALING A BAG BODY

(51) International classification :B29C 65/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/AT2010/000409
Filing Date :29/10/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)WORFF, HERWIG**
**2)SCHOBESBERGER, ERNESTO**

(57) Abstract :
The invention provides a method for sealing a bag body made from a fabric made from monoaxially drawn polymer strips. The steps of folding the open ends of a bag body and welding are used in such a way that the material of the bag is weakened as little as possible as a result of the seal formation, so that the sealed bag does not tear, in particular in the vicinity of the seal, even under high mechanical loads. In addition, the invention enables a significantly increased throughput speed for bag manufacture compared with the manufacture of a conventionally sewn sealed bag. Furthermore, the invention increases process reliability, reduce machine maintenance, minimise production costs and guarantee visual appeal. In doing so, the invention relates mainly to bags with a cushion shape.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2015

(21) Application No.6780/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHODS FOR TREATING A METATHESIS FEEDSTOCK WITH METAL ALKOXIDES

(51) International classification :C10G25/00,C10G29/16,C10G3/00
(31) Priority Document No :61/783720
(32) Priority Date :14/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/023339
Filing Date :11/03/2014
(87) International Publication No :WO 2014/150470
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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**2)ANDERSON Donde R.**
**3)WANG Zhe**
**4)CHAMPAGNE Timothy M.**
**5)UNG Thay A.**

(57) Abstract :
Various methods are provided for treating and reacting a metathesis feedstock. In one embodiment the method includes providing a feedstock comprising a natural oil chemically treating the feedstock with a metal alkoxide under conditions sufficient to diminish catalyst poisons in the feedstock and following the treating combining a metathesis catalyst with the feedstock under conditions sufficient to metathesize the feedstock.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2015

(21) Application No.6781/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF SYNTHESIS GAS FROM HARD COAL

(51) International classification :C10K1/00,C10K1/34
(31) Priority Document No :10 2013 000 173.0
(32) Priority Date :09/01/2013
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2014/050190
Filing Date :08/01/2014
(87) International Publication No :WO 2014/108423
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)RIEGER Michael**
**2)SCH–NEBERGER Jan**
**3)THIELERT Holger**

(57) Abstract :
A process for the production of synthesis gas from coke is suggested in which (a) hard coal is subjected to dry pyrolysis resulting in the production of a gas mixture containing hydrogen methane nitrogen and carbon monoxide as major constituents and carbon sulphides as minor constituents (b) the gas mixture is subjected to hydrogenation at a temperature in the range of 200 to 280 °C over a sulphidic cobalt molybdenum catalyst provided on an aluminium oxide carrier material and (c) the hydrogen sulphide obtained from hydrogenation is separated from the gas mixture.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2015
(21) Application No.6782/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AIR AND WATER BARRIER

(51) International classification :C09D183/04
(31) Priority Document No :61/751428
(32) Priority Date :11/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/011048
Filing Date :10/01/2014
(87) International Publication No :WO 2014/110373
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)JOHNSON William**
**2)WATTS Andrea**

(57) Abstract :
A method for decreasing the vapour permeability of a water and air barrier treated substrate that includes treating the substrate with a liquid applied vapour permeable air and water barrier coating composition comprising a cross linked polysiloxane dispersion composition.

No. of Pages : 39 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012
(21) Application No.4702/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYSTEM AND METHODS FOR ALCOHOL RECOVERY AND CONCENTRATION OF STILLAGE BY-PRODUCTS

(51) International classification :B01D 1/26
(31) Priority Document No :61/288,439
(32) Priority Date :21/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/061512
Filing Date :21/12/2010
(87) International Publication No :WO 2011/084784
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)XU, YIHUI, TOM**

(57) Abstract :
Systems and methods for separating an alcohol, and in particular butanol, from a fermented feed and concentrating thin stillage into syrup includes operation of one or more alcohol recovery distillation columns using the heat supplied by steam generated from concentration of the thin stillage in a multi-train, multi-effect evaporation system.

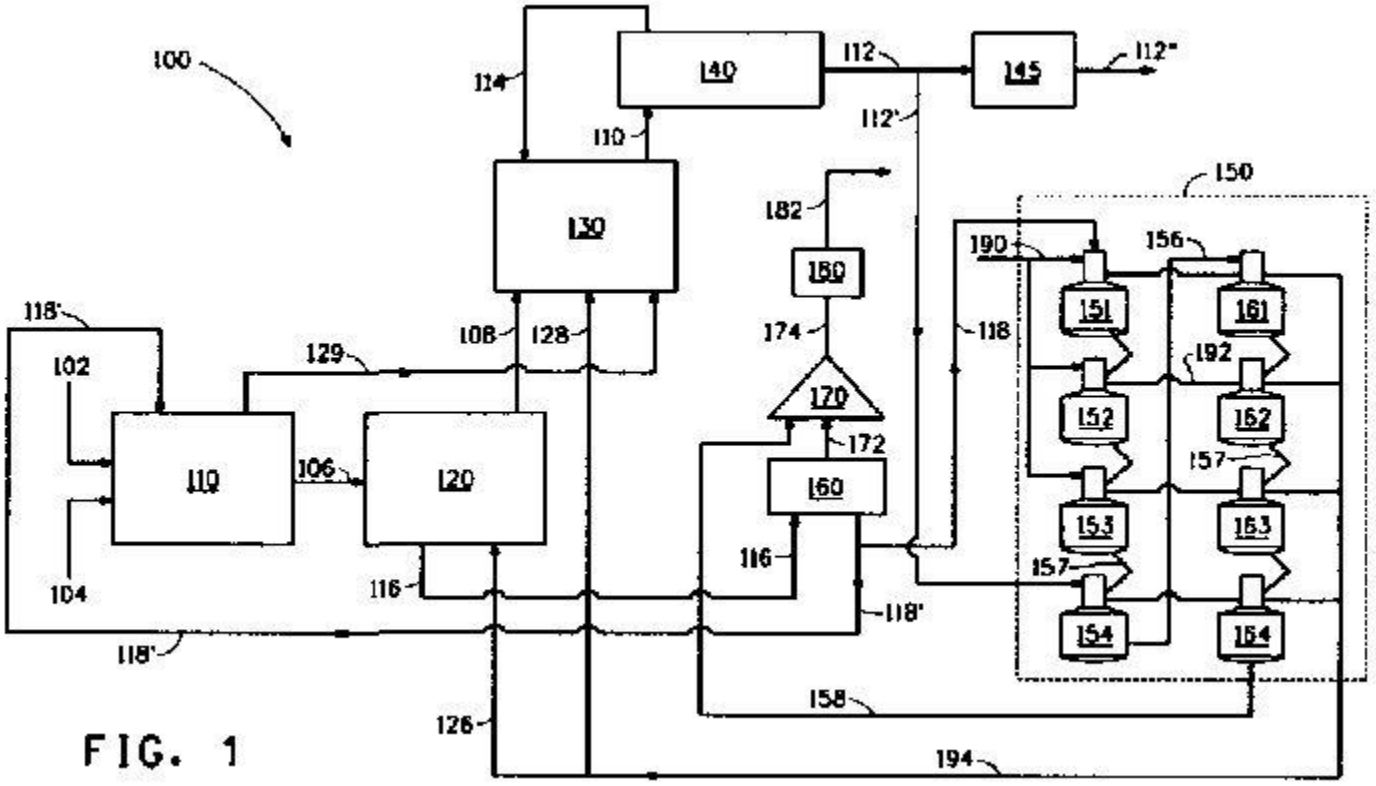



FIG. 1

No. of Pages : 92 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.4703/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CEMENT TESTING

(51) International classification :G01N 3/00
(31) Priority Document No :12/607,560
(32) Priority Date :28/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/GB2010/002001
Filing Date :28/10/2010
(87) International Publication No :WO 2011/051675
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)MEADOWS, DAVID, L.**
**2)DARBE, ROBERT, P**
**3)PEWITT, KEITH, D.**

(57) Abstract :
Devices and methods for testing cement include: a pressure vessel with a sample container inside an interior working volume of the pressure vessel, the pressure vessel configured to supply a first pressurized fluid to control a pore pressure of a cement sample and to supply a second pressurized fluid to lateral exterior surfaces of the sample container to provide a confining pressure that can be different than the pore pressure.

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.4707/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : REPELLENT COMPOSITIONS AND GENETIC APPROACHES FOR CONTROLLING HUANGLONGBING

(51) International classification :A01N 65/28
(31) Priority Document No :61/255,705
(32) Priority Date :28/10/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/BR2010/000353
Filing Date :26/10/2010
(87) International Publication No :WO 2011/050432
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)ALQUEZAR GARCIA, BERTA**
**2)RODRIGUEZ BAIXAULI, ANA**
**3)PERIS RODRIGO, JOSEP**
**4)PENA GARCIA, LEANDRO**
**5)ENRIQUE, ANDREIA**
**6)PEDREIRA DE MIRANDA, MARCELO**
**7)YAMAMOTO, PEDRO TAKAO**
**8)SPOSITO, MARCEL BELLATO**
**9)WULFF, NESLSON ARNO**
**10)TEIXEIRA, DIVA DO CORMO**
**11)AYRES, ANTONIO JULIANO**
**12)DE NORONHA, NEWTON CAVALCANTI, JR.**
**13)BENTO, JOSE MAURICIO SIMOES**
**14)POSTALI PARRA, JOSE ROBERTO**

(57) Abstract :
The invention provides a method for controlling Huanglongbing (HLB) disease of citrus plants through expressing genes encoding synthases for sesquiterpenes such as -caryophyllene, and α-copaene, and combinations thereof, in citrus plants. Methods of controlling HLB comprising applying at least one purified sesquiterpene, which repels Diaphorina citri and/or Tryoza erytrae psyllid insects, so as to control the HLB disease of citrus plants, are also disclosed.

No. of Pages : 68 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2015

(21) Application No.6790/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CELL BOUND COMPLEMENT ACTIVATION PRODUCTS AS DIAGNOSTIC BIOMARKERS FOR PRE LUPUS

(51) International classification :C12Q1/68
(31) Priority Document No :61/762620
(32) Priority Date :08/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/015032
Filing Date :06/02/2014
(87) International Publication No :WO 2014/124098
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)AHEARN Joseph M.**
**2)LIU Chau ching**
**3)MANZI Susan M.**

(57) Abstract :
Cell bound complement activation product (CB CAP) profiling and scoring serve as diagnostic biomarkers for patients to determine whether a patient who has not met at least four American College of Rheumatology (or similar e.g. SLICC) criteria for a definite Lupus diagnosis should be classified as exhibiting a pre existing condition that this document refers to as pre Lupus.

No. of Pages : 37 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6791/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CARRYING CASE WITH MULTI FREQUENCY SHIELDING

(51) International classification :A45C11/00,G06K19/073,G12B17/00
(31) Priority Document No :13/749662
(32) Priority Date :24/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/010835
Filing Date :09/01/2014
(87) International Publication No :WO 2014/116432
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)TROMBINO Marc**
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(72)**Name of Inventor :**
**1)TROMBINO Marc**

(57) Abstract :
A carrying case having a first compartment and a second compartment for accommodating a plurality of objects; the first object which is embedded with integrated circuits that can process store and communicate data on radio frequency identification microprocessors; said second object which is configured to process store and communicate data on radio frequency identification microprocessors; said inner lining of said carrying case configured to include a radio frequency shielding; said shielding material including a layer of conductive material to attenuate interference fields and signals which are transmitted at varying frequencies and wavelengths; and wherein the shielding material is configured to block access to data which is stored on radio frequency identification microprocessors embedded in either the first object or second object.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6792/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MOTOR VEHICLE DOOR LOCK

(51) International classification :E05B65/12
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/DE2013/000021
Filing Date :16/01/2013
(87) International Publication No :WO 2014/111070
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)BENDEL Thorsten**
**2)HANDKE Armin**
**3)OCHTROP Matthias**
**4)HERRMANN Michael**
**5)SOHLBACH Andreas**

(57) Abstract :
The invention relates to a motor vehicle door lock with a locking mechanism (2 3) consisting of a rotary latch (2) and a pawl (3) wherein in the closed state of the locking mechanism (2 3) the pawl (3) bears with the locking contour (11 12) thereof against a latching contour (10 13) of the rotary latch (2) wherein the locking contour (11 12) is formed in two parts with a retaining contour (11) and a rolling contour (12).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.4699/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PROCESS FOR PREPARING ENTECAVIR AND ITS INTERMEDIATES

(51) International classification :C07D 473/18
(31) Priority Document No :61/305,039
(32) Priority Date :16/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SG2011/000066
Filing Date :16/02/2011
(87) International Publication No :WO 2011/102806
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**1)HU, TSUNG-CHENG**
**2)HUANG, HONG-TSUNG**

(57) Abstract :
A process of making entecavir comprising converting a compound of formula (M5) to entecavir, wherein the two PGs on the formula (M5) are taken together to form an optionally substituted six- or seven-member cyclic ring. (FR)Linvention concerne un procede de preparation dentecavir consistant a transformer un compose de formule (MS) en entecavir. Les deux PG de la formule (M5) sont considered ensemble pour former un cycle a six ou sept chamons eventuellement substitue.

No. of Pages : 59 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2012

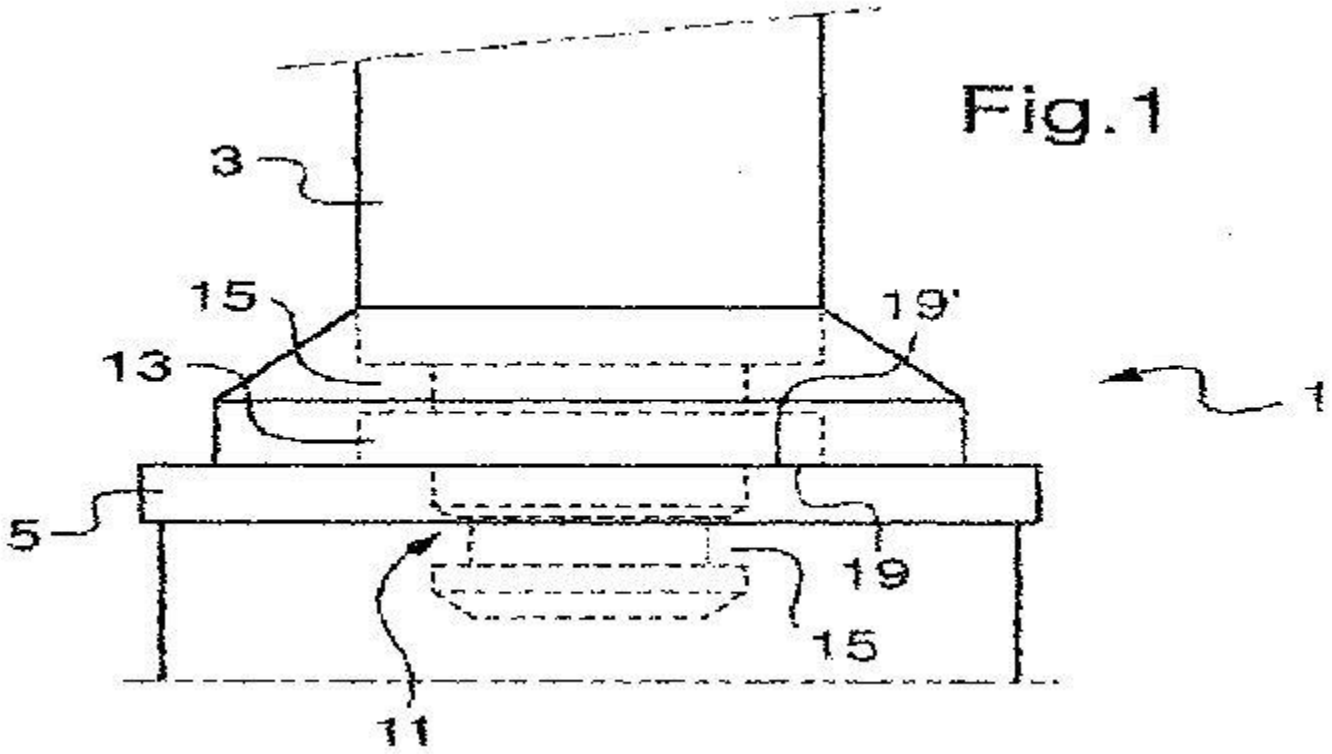
(21) Application No.5594/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CONNECTION DEVICE FOR POWERING ELECTRICAL EQUIPMENT

(51) International classification :H01R43/24
(31) Priority Document No :0906305
(32) Priority Date :23/12/2009
(33) Name of priority country :France
(86) International Application No :PCT/EP2010/069817
Filing Date :15/12/2010
(87) International Publication No :WO 2011/076638
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**1)DE SOUZA Stphane**

(57) Abstract :
The invention relates to a connection device for powering electrical equipment said connection device comprising: a first electrical conductor (3) configured such that it is electrically connected to an electrical power source and a second electrical conductor (5) connected mechanically and electrically to the electrical equipment to be powered. According to the invention said connection device comprises an electrically insulating overmoulding (7) held mechanically covering the first (3) and second (5) electrical conductors at the connection thereof.




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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6796/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ADDITIVE EQUIPMENT TO BASIC EQUIPMENT WITH ADVANTAGE IN FORM OF MULTIMEDIAL HEALTH SPORT OR ANOTHER EQUIPMENT CONVENIENT FOR ADDING BY ADDITIVE EQUIPMENT

| | |
|---|---|
| (51) International classification | :A61B5/00,H04M1/02,H04M1/725 |
| (31) Priority Document No | :PV 2013 9 |
| (32) Priority Date | :03/01/2013 |
| (33) Name of priority country | :Czech Republic |
| (86) International Application No<br>Filing Date | :PCT/CZ2014/000001<br>:03/01/2014 |
| (87) International Publication No | :WO 2014/106501 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)KRANZ Vladimir**

(57) Abstract :
An addition of auxiliary functions to the multimedia equipment not included inside. These functions can be function of physiological data processing extended and/or uninterrupted operations with regard to monitored and processed data. Auxiliary functions are implemented by the auxiliary equipment and circuits solutions physically placed in the original equipment or out of it but mechanically and electrically connected by it whereas can it formed one compact unit. The parts which are necessary to be during operation changed to get uninterrupted functions are user friendly and simply exchangeable from the aspects of users.

No. of Pages : 128 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6797/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ION BEAM TREATMENT METHOD FOR PRODUCING DURABLE ANTI REFLECTIVE GLASS MATERIALS

(51) International classification :C03C23/00
(31) Priority Document No :13 00336
(32) Priority Date :15/02/2013
(33) Name of priority country :France
(86) International Application No :PCT/FR2014/050272
Filing Date :12/02/2014
(87) International Publication No :WO 2014/125211
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)BUSARDO Denis**
**2)GUERNALEC Frederic**

(57) Abstract :
A method of treatment using a beam of singly and multiply charged gas ions produced by an electron cyclotron resonance (ECR) source of a glass material in which the ion acceleration voltage of between 5 kV and 1000 kV is chosen to create an implanted layer of a thickness equal to a multiple of 100 nm; the ion dose per surface unit in a range of between 1012 ions/cm2 and 1018 ions/cm2 is chosen so as to create an atomic concentration of ions equal to 10% with a level of uncertainty of (+/ )5%. Advantageously this makes it possible to obtain materials made from glass that is non reflective in the visible range.

No. of Pages : 34 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6798/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FEMININE HYGIENE ARTICLE

(51) International classification :A61F13/476,A61F13/47
(31) Priority Document No :61/762005
(32) Priority Date :07/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/014381
Filing Date :03/02/2014
(87) International Publication No :WO 2014/123797
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)GAGLIARDI Ivano Antonio**
**2)MEISL Sabine**

(57) Abstract :
A feminine hygiene article comprises a topsheet a backsheet and an absorbent core disposed therebetween. The feminine hygiene article has two longitudinal side edges. Each longitudinal side edge has a notch that extends from the longitudinal side edge towards the absorbent core. Each notch is disposed between a front portion transverse centerline and rear portion transverse centerline of the feminine hygiene article.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2015

(21) Application No.4912/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : INDUSTRIAL TUNNEL OVEN

(51) International classification :F27B9/10,B05D3/02,F27B9/30
(31) Priority Document No :MI2012A002231
(32) Priority Date :21/12/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2013/052507
Filing Date :28/03/2013
(87) International Publication No :WO 2014/096981
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)COVIZZI, Giampaolo**
**2)ABBIATI ,Gianni**

(57) Abstract :
An industrial tunnel oven for the heat treatment of parts (15), such as motor vehicles bodies and the like ,comprises at least one outer wall (11, 111 , 211, 311) and preferably also an inner wall (17, 117 ,217 , 317) for defining a tunnel (12) through which the parts pass. Air is introduced into the tunnel by means of openings (18 , 118 , 218, 318) for emitting hot air inside the tunnel. The outer wall has a substantially cylindrical form , except , where required , in a base zone, and interspaces are defined therewith for circulation of the hot air towards the said outlet openings (18, 118, 218 , 318) and/or towards a hot -air evacuation path

No. of Pages : 23 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2015

(21) Application No.4913/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD OF HEMOGLOBIN F DETERMINATION

(51) International classification :G01N33/72
(31) Priority Document No :61/729258
(32) Priority Date :21/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/071234
Filing Date :21/11/2013
(87) International Publication No :WO 2014/081933
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**1)RANDOLPH ,Timmy**

(57) Abstract :
The Inventors disclosed an inexpensive method of determining fetal hemoglobin (HbF) in red blood cells of individuals with sickle cell anemia undergoing hydroxyurea treatment. The method is based on the specific elution and measurement of sickle hemoglobin (HbS) from red blood cells, wherein the amount of HbF may be determined according to the formula: HbF = Total hemoglobin -HbS. The method may also be used to determine the amount of HbF in individuals without sickle cell anemia by the specific elution of adult or normal hemoglobin (HbA) from red blood cells whereby the amount HbF may be determined according to the formula: HbF = Total hemoglobin - HbA. The method will also determine levels of HbS or HbA in individuals with sickle cell and without sickle cell respectively. The methods have the advantage of being easy to practice in underdeveloped countries.

No. of Pages : 36 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2015

(21) Application No.4914/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : APPARATUS FOR GAS SCRUBBING

(51) International classification :B01D53/14,B01D53/18
(31) Priority Document No :102012111185.5
(32) Priority Date :20/11/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/072413
Filing Date :25/10/2013
(87) International Publication No :WO 2014/079654
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)SCH–NEBERGER, Jan**
**2)THIELERT ,Holger**

(57) Abstract :
The invention relates to an apparatus for gas scrubbing , in particular for removing CO from flue gas by means of amine scrubbing. The apparatus comprises a cooling stage (1) for directly cooling and for pre scrubbing a gas flow (2) entering the apparatus by means of a liquid (3) fed to the cooling stage , an absorption stage (4) for removing at least one gas component from the gas flow (2) by means of a scrubbing liquid (5) fed to the absorption stage (4) , and a post- scrubber (6) for depleting at least one volatile component of the scrubbing liquid (5) from the cleaned gas flow (7). According to the invention , the cooling stage (1), the absorption stage (4) , and the post -scrubber (6) are arranged one above the other and connected to form a washing tower (8).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6804/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : BENZOTHIOPHENE DERIVATIVES AND COMPOSITIONS THEREOF AS SELECTIVE ESTROGEN RECEPTOR DEGRADERS

(51) International classification :C07D333/64,C07D333/66,C07D409/04
(31) Priority Document No :61/766439
(32) Priority Date :19/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/015938
Filing Date :12/02/2014
(87) International Publication No :WO 2014/130310
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**5)PEUKERT Stefan**
**6)SPRINGER Clayton**
**7)SUN Yingchuan**
**8)THOMSEN Noel Marie France**
**9)TRIA George Scott**
**10)YU Bing**

(57) Abstract :
The present invention relates to compounds of formula I: in which n m X Y R R R R and R are defined in the Summary of the Invention; capable of being both potent antagonists and degraders of estrogen receptors. The invention further provides a process for the preparation of compounds of the invention pharmaceutical preparations comprising such compounds and methods of using such compounds and compositions in the management of diseases or disorders associated with aberrant estrogen receptor activity.

No. of Pages : 231 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6805/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : STABLE PERSONAL CARE ARTICLE

(51) International classification :A61Q9/04,A61K8/81,A61K8/02
(31) Priority Document No :13155272.1
(32) Priority Date :14/02/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/US2014/014397
Filing Date :03/02/2014
(87) International Publication No:WO 2014/126738
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)SMITH Paul James**
**2)FLETCHER Jamie Anthony**

(57) Abstract :
The invention relates to a personal care article comprising a substrate having a first surface having at least a portion of a personal care composition disposed thereon. The personal care composition comprises particles to improve ease of manufacture and controlled dosing of the composition.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2015

(21) Application No.4909/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PACKAGE SYSTEM WITH COVER STRUCURE AND METHOD OF OPERATION THEREOF

(51) International classification :H05K5/02
(31) Priority Document No :61/724865
(32) Priority Date :09/11/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2013/010171
Filing Date :11/11/2013
(87) International Publication No :WO 2014/073921
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)VALLEJO, Alejandro E**
**2)BEENE ,Jeffrey F**
**3)LEE ,Ji- Yeon**
**4)ROSENBLATT, Michael N**
**5)AIMI, Roberto M**
**6)GREGG, Justin L.**

(57) Abstract :
A package system includes: an exostructure; a ceramic panel attached to the exostructure; and an internal device component housed in the exostructure.

No. of Pages : 43 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6814/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHODS OF REFINING AND PRODUCING ISOMERIZED FATTY ACIDS ESTERS AND FATTY ACIDS FROM NATURAL OIL FEEDSTOCKS

(51) International classification :C07C67/333,C07C67/475,C07C51/353
(31) Priority Document No :13/827798
(32) Priority Date :14/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/023306
Filing Date :11/03/2014
(87) International Publication No :WO 2014/159382
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)GILDON Demond L.**
**4)BELTRAN Leslie V.**
**5)KUNZ Linda A.**
**6)PALS Tessa M.**
**7)QUINN Jordan R.**
**8)BEHRENDS Raymond T.**
**9)BERNHARDT Randal J.**

(57) Abstract :
Methods are provided for refining natural oil feedstocks and producing isomerized esters and acids. The methods comprise providing a C4 C18 unsaturated fatty ester or acid and isomerizing the fatty acid ester or acid in the presence of heat or an isomerization catalyst to form an isomerized fatty ester or acid. In some embodiments the methods comprise forming a dibasic ester or dibasic acid prior to the isomerizing step. In certain embodiments the methods further comprise hydrolyzing the dibasic ester to form a dibasic acid. In certain embodiments the olefin is formed by reacting the feedstock in the presence of a metathesis catalyst under conditions sufficient to form a metathesized product comprising olefins and esters separating the olefins from the esters in the metathesized product and transestehfying the esters in the presence of an alcohol to form a transesterified product having unsaturated esters.

No. of Pages : 106 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6815/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : NATURAL OIL BASED GREASE COMPOSITIONS AND PROCESSES FOR MAKING SUCH COMPOSITIONS

(51) International classification :C10M169/02,C10M177/00
(31) Priority Document No :61/774760
(32) Priority Date :08/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/021863
Filing Date :07/03/2014
(87) International Publication No :WO 2014/138613
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)RIZVI Syed Q.A.**
**4)DIBIASE Stephen A.**

(57) Abstract :
A grease composition is disclosed having from 50 to 99 weight percent of a lubricating base oil from 1 to 30 weight percent of a thickener component including one or more of (i) one or more natural oil derivatives (ii) one or more hydrogenated metathesized natural oils and/or natural oil derivatives (iii) one or more amidated metathesized natural oils and/or natural oil derivatives (iv) one or more or two or more carboxylic acids and/or derivatives thereof and (v) one or more of a metal base compound and from 1 to 15 weight percent of one or more optional additives. Processes for making grease compositions are also disclosed.

No. of Pages : 44 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6816/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : EASILY REMOVABLE RECIPROCATING IMPACT HEAD WITH ANTI ROTATION SLOT FOR MINING MACHINE

(51) International classification :E21C27/12,E21C27/14
(31) Priority Document No :201320023824.1
(32) Priority Date :04/01/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2014/000009
Filing Date :06/01/2014
(87) International Publication No :WO 2014/106458
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)LIU Suhua**

(57) Abstract :
An easily removable reciprocating impact head with an anti rotation slot for a mining machine comprises a reciprocating impact head device (2) wherein the reciprocating impact head device (2) comprises a reciprocating impact head (4) the reciprocating impact head (4) comprising reciprocating impact teeth (5) and a fixed seat (6) and also comprising a snap spring (7) or an elastic pin (8) or a locking pin (9). The reciprocating impact tooth (5) further comprises an impact tooth (16) and an impact tooth shoulder (17). The impact tooth (16) is arranged on an impact tooth insertion post (14) or an impact tooth insert (15) and the impact tooth shoulder (17) is arranged at the lower part of the impact tooth (16) or arranged at the end of the impact tooth insert (15). The reciprocating impact tooth (5) and the fixed seat (6) comprise a groove for arranging the snap spring (7) or the elastic pin (8) or the locking pin (9) and the snap spring (7) or the elastic pin (8) or the locking pin (9) is arranged in the groove so as to connect the fixed seat (6) and the reciprocating impact tooth (5). The snap spring (7) or the elastic pin (8) or the locking pin (9) is subjected to a rearward pulling force of the reciprocating impact motion. The impact tooth insertion post (14) is inserted into a tooth seat insert (11) or a tooth seat insertion post (12) is inserted into the impact tooth insert (15) the impact tooth shoulder (17) closely mates with a tooth seat shoulder (13) to withstand the counterforce of reciprocating impact and a slot type anti rotation structure is snap fitted with a post type anti rotation structure to prevent the reciprocating impact teeth (5) from rotating.

No. of Pages : 50 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.4693/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AN ELECTRONIC DEVICE AND A MEHOD FOR CONTROLLING AN ELECTRONIC DEVICE

(51) International classification :G06F 3/048
(31) Priority Document No :2009/276942
(32) Priority Date :04/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/006388
Filing Date :29/10/2010
(87) International Publication No :WO 2011/067890
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)KOJI ARAI**

(57) Abstract :
An information processing device is provided that includes a display portion, a user recognition portion, a button selection portion, and a display control portion. The display portion displays at least one function button that is related to a function that the information processing device is capable of performing. The user recognition portion recognizes a user who is operating the information processing device. The button selection portion selects, from among the at least one function button that is displayed on the display portion, at least one function button that corresponds to the user who has been recognized by the user recognition portion. The display control portion moves the function button that has been selected by the button selection portion from an initial position on a display screen of the display portion such that the function button is close to a specified position on the display screen.

No. of Pages : 64 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012
(21) Application No.4694/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : GROWTH METHODOLOGY FOR LIGHT EMITTING SEMICONDUCTOR DEVICES

(51) International classification :H01L 33/00
(31) Priority Document No :12/633,216
(32) Priority Date :08/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/059210
Filing Date :07/12/2010
(87) International Publication No :WO 2010/71864
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)RAJARAM BHAT**

(57) Abstract :
A method of manufacturing an optoelectronic light emitting semiconductor device is provided where a Multi-quantum Well (MQW) subassembly is subjected to reduced temperature vapor deposition processing to form one or more of n-type or p-type layers over the MQW subassembly utilizing a plurality of precursors and an indium surfactant. The precursors and the indium surfactant are introduced into the vapor deposition process at respective flow rates with the aid of one or more carrier gases, at least one of which comprises H2. The indium surfactant comprises an amount of indium sufficient to improve crystal quality of the p-type layers formed during the reduced temperature vapor deposition processing and the respective precursor flow rates and the H2 content of the carrier gas are selected to maintain a mole fraction of indium from the indium surfactant to be less than approximately 1% in the n-type or p-type layers. In another embodiment, the reduced temperature vapor deposition processing is executed at a reduced temperature TG, where $TG \leq TB \pm 5\%$ and TB is the MQW barrier layer growth temperature. Additional embodiments are disclosed and claimed.

No. of Pages : 16 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2012

(21) Application No.5609/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A CATALYST COMPRISING AN INORGANIC, POROUS, NON-LAYERED, CRYSTALLINE, MESOPOROUS MCM-41

(51) International classification :C10G 45/54
(31) Priority Document No :60/644,178
(32) Priority Date :14/01/2005
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US05/045918
Filing Date :19/12/2005
(87) International Publication No :WO 2006/078389
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :5272/DELNP/2007
Filed on :09/07/2007

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**2)SYLVAIN HANTZER**
**3)STEPHEN J. MCCARTHY**
**4)STEVEN SILVERBERG**
**5)VIJAY SWARUP**

(57) Abstract :
A process for hydrogenating a hydrocarbon fluid feedstream comprising aromatic molecules, the process comprising contacting said hydrocarbon feedstream boiling below 350°C, and comprising C5-C25 hydrocarbon fluids, in the presence of a hydrogen-containing treat gas in a reaction stage operated under effective aromatics saturation conditions wherein said aromatics saturation catalyst comprises a hydrogenation-dehydrogenation component selected from the Group VIII noble metals and mixtures thereof, supported on an inorganic, porous, non-layered, crystalline, mesoporous support material, wherein the support material has a framework comprising at least aluminum and silica, and wherein the ratio of silica to aluminum is about 10:1 to about 100:1 and the average pore diameter of the support material is about 15 to less than about 100 A, and recovering a distillation fraction product comprising a hydrocarbon fluid having a boiling range of at least 5°C, and comprising less than 500 ppm aromatics.

No. of Pages : 42 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6810/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DRIVE ASSISTANCE DEVICE FOR MOTOR VEHICLES

(51) International classification :G01S17/93,B60Q9/00,B62D15/02
(31) Priority Document No :MO2013A000012
(32) Priority Date :21/01/2013
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2014/058128
Filing Date :08/01/2014
(87) International Publication No :WO 2014/111830
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The device (1) for aiding the driving of a motor vehicle (2) comprises: infra red means (3 4) to detect the presence of possible obstacles outside the motor vehicle (2); a processing unit (5) connected to the infra red means (3 4) and able to determine the distance of the device (1) from the obstacles detected by the infra red means (3 4); signalling means connected to the processing unit (5) and able to signal to a driver of the motor vehicle (2) the presence of obstacles arranged within a predetermined distance from the device (1); and securing means (7) to secure the device (1) within the inside compartment of the motor vehicle (2).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6817/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD OF TREATMENT OF A RUNNING FERROUS ALLOY SHEET AND TREATMENT LINE FOR ITS IMPLEMENTATION

(51) International classification :C23C2/00,C23C2/02,C23C2/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IB2013/050987
Filing Date :06/02/2013
(87) International Publication No :WO 2014/122500
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)VANDEN EYNDE Xavier Marc Jacques Edmond Robert**
**4)FARINHA Ana Isabel**
**5)GERKENS Pascal**
**6)NOVILLE Jean Fran§ois**
**7)SMAL Julien Christopher Michel**

(57) Abstract :
Method of treatment of a running ferrous alloy sheet containing at least one easily oxidized element comprising a step of immersion of said sheet in a molten oxides bath wherein: said molten oxides bath has a viscosity between 0.3.10 Pa.s and 3.10 Pa.s the surface of said bath being in contact with a non oxidizing atmosphere and said molten oxides are inert towards iron; the residence time of said running sheet in said bath is at least 1 s; the residues of oxides remaining on the surfaces of said sheet at the exit of the bath are eliminated. Treatment line of a ferrous alloy sheet (1 ) for implementing said method comprising : a molten oxides bath (6) having a viscosity between 0.3.10 and 3.10 Pa.s the surface of said bath (6) being in contact with a non oxidizing atmosphere said molten oxides being inert towards iron and means for eliminating the residues of molten oxides remaining on the surfaces of said ferrous alloy sheet (1) at the exit of said molten oxides bath (6).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6818/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COSMETIC OR DERMATOLOGICAL COMPOSITION COMPRISING A MEROCYANINE AND A UVA SCREENING AGENT OF THE AMINO SUBSTITUTED 2 HYDROXYBENZOPHENONE TYPE AND/OR A HYDROPHILIC ORGANIC UVA SCREENING AGENT

(51) International classification :A61K8/41,A61Q17/04,A61K8/35
(31) Priority Document No :1350485
(32) Priority Date :21/01/2013
(33) Name of priority country :France
(86) International Application No :PCT/EP2014/051015
Filing Date :20/01/2014
(87) International Publication No :WO 2014/111567
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)CANDAU Didier**
**3)LALLORET Florence**

(57) Abstract :
The present invention relates to a cosmetic or dermatological composition comprising in a physiologically acceptable support: a) at least one oily phase; b) at least one merocyanine compound corresponding to formula (1) below and also the E/E or E/Z geometrical isomer forms thereof in which: R is a C C alkyl group a C C alkenyl group a C C alkynyl group a C C cycloalkyl group or a C C cycloalkenyl group the said groups possibly being interrupted with one or more O and c) at least one UVA screening agent chosen from: (i) an amino substituted 2 hydroxybenzophenone compound; (ii) a hydrophilic organic UVA screening agent and (iii) their mixtures; the said hydrophilic organic UVA screening agent being present in an amount of greater than 0.5% by weight relative to the total weight of the composition. The present invention also relates to a non therapeutic cosmetic process for caring for and/or making up a keratin material comprising the application to the surface of the said keratin material of at least one composition according to the invention as defined above. The invention also relates to a non therapeutic cosmetic process for limiting the darkening of the skin and/or the improving the colour and/or the uniformity of the complexion comprising the application to the surface of the keratin material of at least one composition as defined previously. The invention also relates to a non therapeutic cosmetic process for preventing and/or treating the signs of ageing of a keratin material comprising the application to the surface of the keratin material of at least one composition as defined previously.

No. of Pages : 53 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6819/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : POWER TRANSFER DEVICE

(51) International classification :B66D3/08,F16H35/00
(31) Priority Document No :13500194
(32) Priority Date :10/01/2013
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2013/051549
Filing Date :18/12/2013
(87) International Publication No :WO 2014/109692
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
This is achieved according to the present invention by a torque/power transfer device comprising a main frame a driving member (2) a driven member (3) and at least two pulley systems. Each pulley system comprises at least one stationary pulley (11a 11b) which is stationary relative to the main frame at least one movable pulley which is movable relative to the main frame a first wire connected to the driving member (2) and running over the at least one stationary pulley and the at least one movable pulley and a second wire operatively connected to the at least one movable pulley at one end and to the driven member (3) at its other end wherein the second wire is running via a stationary regulator. The first wire of each pulley system is connected to a common point of the driving member and the second wire of each pulley system is operatively connected to a common eccentric point of the driving member. The regulators and the driven member are arranged relative to each other so that a centre of rotation for the driven member is arranged on an imaginary first line between the regulators of the both pulley systems. The imaginary first line has an angle relative the horizontal plane determined based on the radius of the driven member and a distance between the centre of rotation and respective regulator.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6820/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR MEASURING A PHYSIOLOGICAL PARAMETER SUCH AS A BIOLOGICAL RHYTHM ON THE BASIS OF AT LEAST TWO SENSORS AND ASSOCIATED MEASUREMENT DEVICE

(51) International classification :A61B5/00
(31) Priority Document No :FR1300228
(32) Priority Date :05/02/2013
(33) Name of priority country :France
(86) International Application No :PCT/FR2014/050173
Filing Date :31/01/2014
(87) International Publication No :WO 2014/122382
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)GROSBOIS Jean Marie**
**3)DASSONNEVILLE Alain**
**4)CHAUD Pascal**

(57) Abstract :
The invention relates to a method for measuring a physiological parameter such as a biological rhythm on the basis of at least two sensors and to an associated measurement device. According to the invention the method comprises the following steps of: measuring the physiological parameter for each sensor allowing the generation of a series of measurements of at least two values; evaluating the level of consistency of each value from the measurement series; selecting a value from the set of values in the series as a function of the corresponding level of consistency and a so called reference value in order to determine a new reference value; and storing the new reference value.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6821/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PRINTING DEVICE PRINTING METHOD OPTICAL FIBER AND OPTICAL FIBER CABLE

(51) International classification :B41F17/10,B41M1/10,B41M1/34
(31) Priority Document No :2013003067
(32) Priority Date :11/01/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/084475
Filing Date :24/12/2013
(87) International Publication No :WO 2014/109222
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)ISAJI Mizuki**
**3)OSATO Ken**

(57) Abstract :
Provided is a printing device capable of marking an optical fiber at high speed and with good visibility. The device is provided wit: an ink tank (1) for storing an ink; a rake up roll (2) for raking up ink (I) from inside the ink tank (1); a printing roll (3) on which print patterns (31 36) into which ink (I) that has been delivered from the rake up roll (2) can be filled and which have a mesh size of 75 mesh 150 mesh are provided and which transfers the ink (I) filled in the print patterns (31 36) onto an optical fiber (5); and a doctor blade (4) for pressing the ink (I) into the print patterns (31 36) as well as scraping excess ink (I) adhering to the surface of the printing roll (3).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6822/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : LIQUID FILTER

(51) International classification :B01D35/30,B01D29/21
(31) Priority Document No :10 2013 201 793.6
(32) Priority Date :05/02/2013
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2014/050198
Filing Date :08/01/2014
(87) International Publication No :WO 2014/121962
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)COUDERC Antoine**
**3)GARCIA BENITEZ Cesar**
**4)ARIAS ARIAS Jose Luis**
**5)ARROYO VALLES Carmen**

(57) Abstract :
The invention relates to a liquid filter (100) in particular a fuel filter comprising a filter housing (200) with a cover (210) which has at least one cover opening (220) and comprising a filter insert (300) which is arranged in the filter housing (200) and comprises an end cap (310) said end cap (310) having a connecting piece (320) which has a tubular shape. The aim of the invention is to allow the filter insert (300) in the liquid filter (100) to be replaced in the simplest manner possible without causing confusion. This is achieved in that the connecting piece (320) engages through the cover opening (220) and an attachment end (326) of the connecting piece protrudes out of the filter housing (200). The invention further relates to the use of a liquid filter (100) in a fuel supply system of a motor vehicle said system further comprising a fuel store arranged upstream of the liquid filter (100) and a fuel injection device arranged downstream of the liquid filter (100) for fuel. The invention additionally relates to a filter insert (300) for use in a liquid filter (100).

No. of Pages : 24 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6823/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND DEVICE FOR OPERATING A FUEL INJECTION DEVICE IN PARTICULAR OF A MOTOR VEHICLE

(51) International classification :F02D41/38,F02D19/06,F02D41/00
(31) Priority Document No :10 2013 201 997.1
(32) Priority Date :07/02/2013
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2014/050529
Filing Date :14/01/2014
(87) International Publication No :WO 2014/121980
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)MUENNICH Christian Alexander**
**3)WOKOECK Till**
**4)ZEIDLER Johannes**

(57) Abstract :
The present invention relates to a method and a device for operating a fuel injection device in particular of a motor vehicle wherein highly pressurized fuel is delivered into a high pressure accumulator (1) the pressure of which is controlled by means of a pressure regulator and from which fuel is extracted in a manner controlled by a control device (7) for injection via at least one fuel injection valve (14). Here it is provided in particular that a control pressure deviation of the pressure in the high pressure accumulator (1) is detected (245) and the presence of an imbalance between the fuel quantity supplied to the high pressure accumulator (1) and the fuel quantity discharged from the high pressure accumulator (1) is inferred from the control pressure deviation. If there is an imbalance operational manipulation of the fuel injection device for the purpose of counteracting the imbalance is implemented (255) and/or a corresponding signal is generated (260).

No. of Pages : 25 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.4724/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DEVICE FOR DETACHABLY FASTENING A CURRENT CONDUCTOR TO A CURRENT TRANSFORMER HOUSING

(51) International classification :H01F 27/06
(31) Priority Document No :10 2009 059 008.0
(32) Priority Date :17/12/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/070161
Filing Date :17/12/2010
(87) International Publication No :WO 2011/073432
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)TRINH, DAT-MINH**

(57) Abstract :
The invention relates to a device for detachably fastening a current conductor (10) to a current transformer housing (12), comprising a fastening element (18), which is fastened to a retaining element (16) arranged on the current transformer housing (12) and, when the current conductor (10) is fastened to the current transformer housing (12), rests at least partially on the surface of the current conductor (10). The invention is characterized in that the fastening element (18) is mounted pivotally on the retaining element (16).

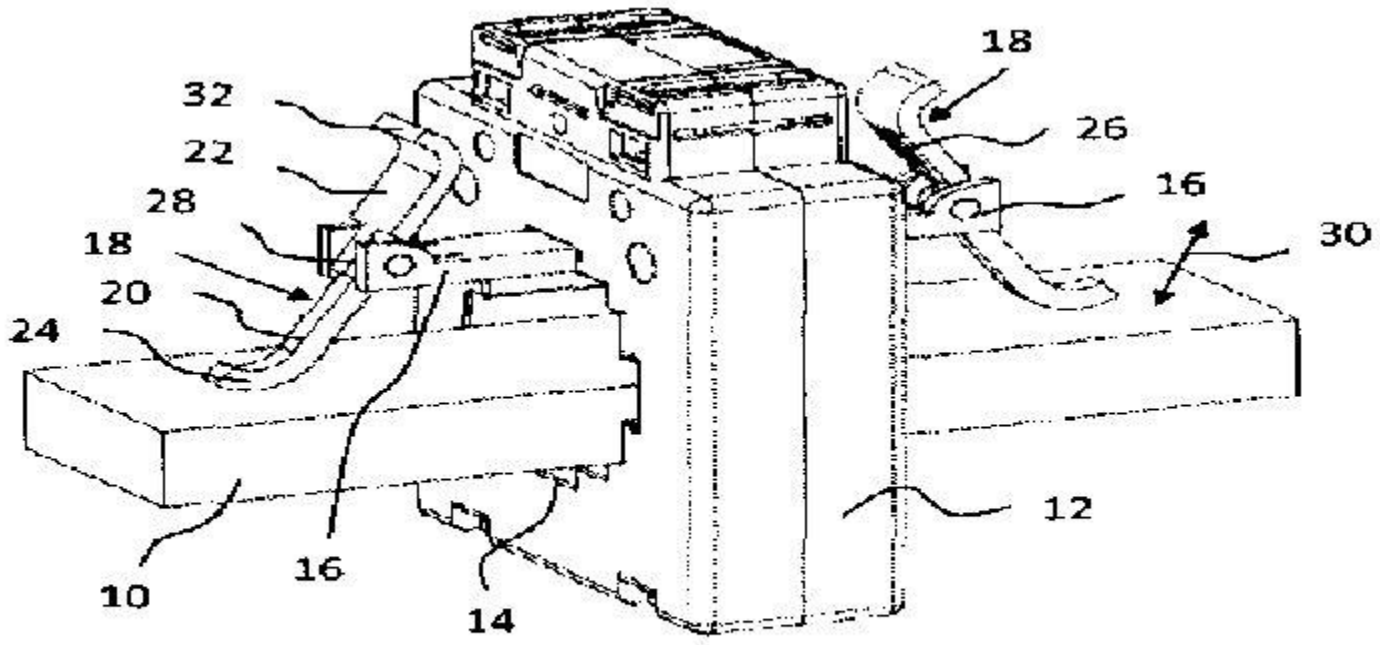



Fig. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012
(21) Application No.4725/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : LIQUID RADIATION CURABLE RESINS FOR ADDITIVE FABRICATION COMPRISING A TRIARYL SULFONIUM BORATE CATIONIC PHOTOINITIATOR

(51) International classification :C07C 381/12
(31) Priority Document No :61/287,620
(32) Priority Date :17/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/060668
Filing Date :16/12/2010
(87) International Publication No :WO 2011/075553
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)SOUTHWELL, JOHN EDMUND**
**2)XU, JIGENG**
**3)REN, KANGTAI**
**4)DAKE, KEN**
**5)EAST, SAM**

(57) Abstract :
Liquid radiation curable resins for additive fabrication comprising an R-substituted aromatic thioetber triaryl sulfonmm tetrakis(pentafluorophenyl) borate cationic photoinitiator is disclosed. A process for using the liquid radiation curable resins for additive fabrication and three-dimensional articles made from the liquid radiation curable resins for additive fabrication are also disclosed.

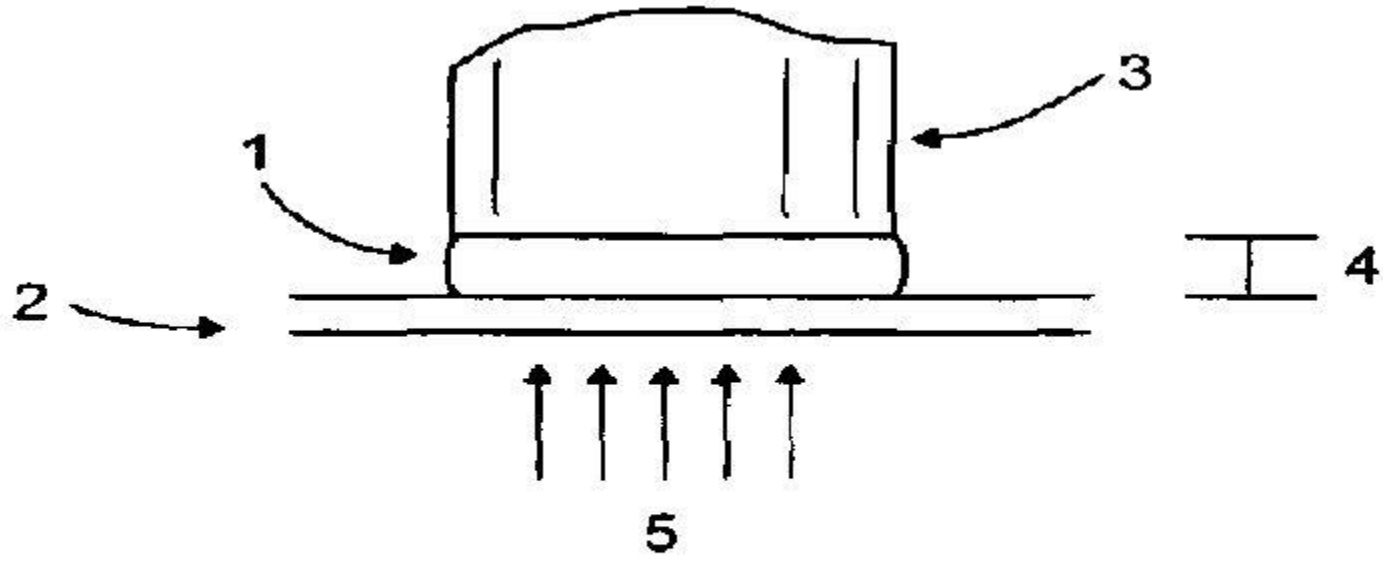



Fig. 2

No. of Pages : 45 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.4726/DELNP/2012 A
(43) Publication Date : 04/12/2015

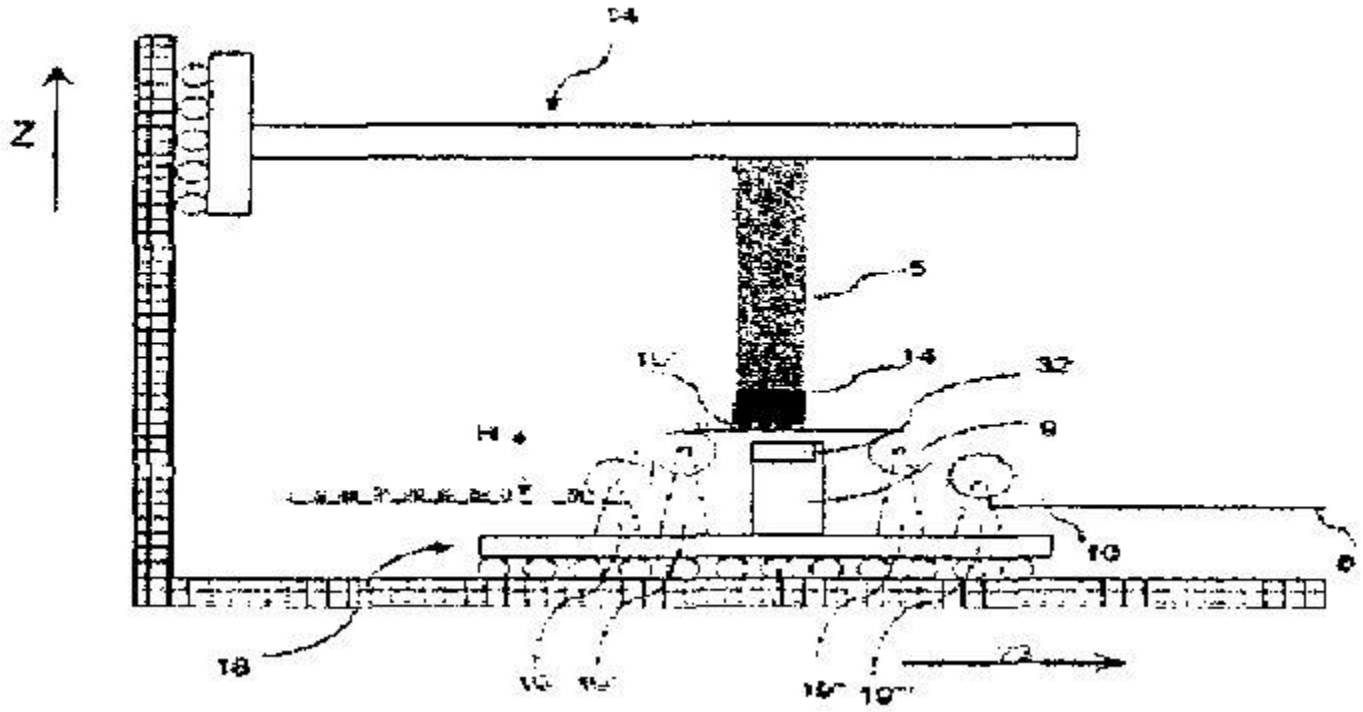
(54) Title of the invention : SUBSTRATE-BASED ADDITIVE FABRICATION PROCESS

(51) International classification :B29C 67/00
(31) Priority Document No :61/287,620
(32) Priority Date :17/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/060722
Filing Date :16/12/2010
(87) International Publication No :WO 2011/084578
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)XU, JIGENG**
**2)DAKE, KEN**

(57) Abstract :
The invention relates to a substrate-based method for forming a three-dimensional object by additive fabrication by coating a liquid radiation curable resin comprising from 30 to 80 wt% of cationically curable compounds on a substrate, contacting the liquid radiation curable resin with a previously cured layer, selectively exposing the layer of liquid radiation curable layer to actinic radiation thereby forming a cured layer, separating the cured layer at the substrate, and repeating the steps a sufficient number of time in order to build up a three-dimensional object.

Fig. 3




No. of Pages : 55 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2015

(21) Application No.6824/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : TUBING PRESSURE OPERATED DOWNHOLE FLUID FLOW CONTROL SYSTEM

(51) International classification :E21B21/10,E21B34/12
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2013/033364
Filing Date :21/03/2013
(87) International Publication No :WO 2014/149049
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :10200 Bellaire Blvd. Houston Texas 77072 U.S.A.
(72)**Name of Inventor :**
**1)PICKLE Brad**
**2)FRIPP Michael**

(57) Abstract :
A downhole flow control system utilizes a tubing pressure operated valve to selectively open and close fluid flow across the system. The tubing pressure operated valve includes a piston responsive to tubing pressure and a valve element responsive to piston movement. The valve element can be moved rotationally longitudinally or both in response to the piston movement. The valve is movable between a closed and at least one open position. The piston and valve elements can be releasably attachable such as by a one way ratchet. The valve element can be a rotating valve operable by a J slot mechanism to rotate to multiple positions in response to movement of the piston element.

No. of Pages : 34 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2015

(21) Application No.6825/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PROCESS AND APPARATUS FOR MINIMIZING THE POTENTIAL FOR EXPLOSIONS IN THE DIRECT CHILL CASTING ALUMINUM LITHIUM ALLOYS

| | |
|---|---|
| (51) International classification | :B22D11/00,B22D11/049,B22D11/14 |
| (31) Priority Document No | :61/760323 |
| (32) Priority Date | :04/02/2013 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No<br>Filing Date | :PCT/US2014/014735<br>:04/02/2014 |
| (87) International Publication No | :WO 2014/121295 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

(71)**Name of Applicant :**
**1)ALMEX USA INC.**
Address of Applicant :6925 Aragon Circle Buena Park CA 90620 U.S.A.
(72)**Name of Inventor :**
**1)TILAK Ravindra V.**
**2)WIRTZ Rodney W.**
**3)STREIGLE Ronald M.**

(57) Abstract :
An apparatus and a system including a casting pit; a mold including a reservoir and a cavity; a coolant feed operable to introduce a coolant to a periphery of a metal emerging from the mold cavity; an array of water vapor exhaust ports about at least the top periphery of the casting pit; a mechanism to introduce an inert fluid into the coolant feed. A method for a direct chill casting including after detecting a bleed out exhausting generated gas from the casting pit at a flow volume rate that is enhanced relative to a flow volume rate prior to detecting bleed out or run out; introducing an inert gas into the casting pit; and introducing an inert fluid into a coolant feed to the casting mold.

No. of Pages : 36 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012
(21) Application No.1644/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AC MOTOR CONTROL UNIT AND REFRIGERATING AND AIR-CONDITIONING APPARATUS USING AC MOTOR CONTROL UNIT

(51) International classification :H01J
(31) Priority Document No :2011-133796
(32) Priority Date :16/06/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)SUMITA SATOSHI**
**2)TOIZUME TATSUYA**
**3)NOTOHARA YASUO**

(57) Abstract :
Even when an AC motor is employed under a low load or within the range of low speeds, that is, even when a modulation factor is low, a DC bus current can be accurately detected and the AC motor can be driven to exhibit high performance. An AC motor control unit includes a DC power supply, an inverter that converts a DC power, which is fed from the DC power supply, into an AC power, an inverter control circuit that controls switching elements included in the inverter, a DC bus current detector that detects a DC bus current which flows into the inverter, a low-pass filter that smooths the DC bus current detected by the DC bus current detector, and a compensator that compensates for an attenuated portion of the DC bus current smoothed by the low-pass filter.

No. of Pages : 34 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2012

(21) Application No.2419/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : WIND POWER GENERATOR •

(51) International classification :F03B
(31) Priority Document No :B02011A 000482
(32) Priority Date :03/08/2011
(33) Name of priority country :Italy
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)Andrea TORCELLI**
**2)Giovanni ZINZANI**
**3)Gustavo CASAMENTI**

(57) Abstract :
A wind power generator having a nacelle (3) which is mounted to an upper end of a support tower (2) supports in rotary manner a rotor (26) and is oriented around a rotation axis (5) by an orienting device (4) provided with at least one gearmotor (7) which presents an output gear (13) coupled with a crown gear (6) fixed to the support tower (2) and is hinged to the nacelle (3) so as to rotate around a fulcrum axis (15) which is substantially parallel to the rotation axis (5) under the thrust of an actuation device (17).
Main figure: 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2012

(21) Application No.4744/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : GAS BARRIER COATINGS

(51) International classification :C09D 129/04
(31) Priority Document No :61/262979
(32) Priority Date :20/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/GB2010/002148
Filing Date :19/11/2010
(87) International Publication No :WO 2011/061510
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)ILLSLEY, DEREK, RONALD**
**2)KHAN, SARFARAZ, AKHTAR**
**3)STREET, GRAHAM, TREVOR**

(57) Abstract :
Water-dilutable coating compositions comprising polyvinyl alcohol) and/or ethylene- vinyl alcohol copolymer, dispersed clay and polycarboxylic acid polymer that can be prepared using convention apparatus and that provide exceptional oxygen barrier along with good laminate bond strengths at high relative humidity when incorporated into adhesively formed laminates, particularly PET-PE laminate structures.

No. of Pages : 37 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2012

(21) Application No.4745/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COMPOSITIONS COMPRISING TETRAFLUOROPROPENE AND DIFLUOROMETHANE AND USES THEREOF

(51) International classification :C09K 5/04
(31) Priority Document No :61/288,504
(32) Priority Date :21/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/61611
Filing Date :21/12/2010
(87) International Publication No :WO 2011/084813
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)LECK, THOMAS, J.**
**2)MINOR, BARBARA, HAVILAND**

(57) Abstract :
The present invention relates to compositions for use in refrigeration, air-conditioning and heat pump systems wherein the composition comprises tetrafluoropropene and difluoromethane. The compositions of the present invention are useful in processes for producing cooling or heat, as heat transfer fluids, foam blowing agents, aerosol propellants, fire suppression, fire extinguishing agents, as power cycle working fluids and in methods for replacing HFC-134a, R410A, \R404A, or R507.

No. of Pages : 45 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2015

(21) Application No.6840/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DETECTING BLADE STRUCTURE ABNORMALITIES

(51) International classification :F03D11/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/DK2013/050038
Filing Date :14/02/2013
(87) International Publication No :WO 2014/124643
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)MIRANDA Erik Carl Lehnskov**
**3)OLESEN Ib Svend**
**4)S¯RENSEN Martin M¸ller**

(57) Abstract :
To identify abnormal behavior in a turbine blade a failure detection system generates a fingerprint for each blade on a turbine. The fingerprint may be a grouping a dynamic physical characteristics of the blade such as its mass strain ratio damping ratio and the like. While the turbine is operating the failure detection system receives updated sensor information that is used to determine the current characteristics of the blade. If the current characteristics deviate from the characteristics in the blade s fingerprint the failure detection system may compare the characteristics of the blade that deviates from the fingerprint to characteristics of another blade on the turbine. If the current characteristics of the blade are different from the characteristics of the other blade the failure detection system may change the operational mode of the turbine such as disconnecting the turbine from the utility grid or stopping the rotor.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2015

(21) Application No.6830/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HYDROSTATIC AND DIRECT DRIVE TRANSMISSION

(51) International classification :B60K17/344,F16H47/02
(31) Priority Document No :61/763053
(32) Priority Date :11/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2014/052644
Filing Date :11/02/2014
(87) International Publication No :WO 2014/122323
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)VERSTEYHE Mark R.J.**

(57) Abstract :
A hydrostatic driveline is provided. The hydrostatic driveline comprises a power source (202) a transmission portion (210) a hydrostatic pump (206) a hydrostatic motor (212) a transfer case (214) a first axle assembly (216) an inter axle drive shaft (218) and a second axle assembly (220). The transmission portion is drivingly engaged with the power source. The hydrostatic pump is in driving engagement with the transmission portion. The hydrostatic motor is in fluid communication with the hydrostatic pump. The transfer case is in driving engagement with the hydrostatic motor. The inter axle drive shaft is in driving engagement with the transfer case and the transmission portion. The transmission portion the hydrostatic pump the hydrostatic motor the transfer case and the inter axle shaft form a first power path for the hydrostatic driveline and the transmission portion and the inter axle shaft form a second power path for the hydrostatic driveline.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2015

(21) Application No.6831/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : VALVE ASSEMBLY FOR A CENTRAL TIRE INFLATION SYSTEM

(51) International classification :B60C23/00
(31) Priority Document No :61/763048
(32) Priority Date :11/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/015779
Filing Date :11/02/2014
(87) International Publication No :WO 2014/124434
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)RACINE Lloyd G.**
**2)SIDDERS Jason M.**
**3)LEE Pheng**
**4)BALISTRERI Lucas A.**

(57) Abstract :
A valve assembly for a central tire inflation system is provided. The valve assembly includes a first housing having a first port connected to a second port via a cavity. The second port is in fluid communication with a wheel assembly. A biasing member is disposed in the cavity adjacent a first perforation formed in the first housing. A valve member is contacted by the biasing member. The valve member includes a first portion having an outer surface which is unbroken adjacent an end to allow a pressurized fluid to flow around it. The first portion reduces in diameter toward the end.

No. of Pages : 53 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2015

(21) Application No.6832/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND APPARATUS FOR PREFILL OF WET CLUTCHES

(51) International classification :F16D48/02,F16D48/06
(31) Priority Document No :61/764044
(32) Priority Date :13/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2014/052752
Filing Date :12/02/2014
(87) International Publication No :WO 2014/124985
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)VERSTEYHE Mark R. J.**
**2)MAESSEN Mark M. A.**

(57) Abstract :
A method and an apparatus for controlling a wet clutch are provided. The clutch comprises a pump a piston and a fluid conduit. The pump provides a housing with a hydraulic fluid. The piston is movably disposed in the housing and is movable into an extended position by a preloaded spring and into a retracted position by applying an engagement pressure on the piston by the hydraulic fluid. In the retracted position torque is transmittable through the clutch. The fluid conduit connects the pump and the housing. The method comprises the steps of prefilling the clutch by applying a prefill pressure on the piston prefilling the fluid conduit line and the housing with the hydraulic fluid. The prefill pressure is lower than the engagement pressure required to move the piston into the retracted position.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2015

(21) Application No.6833/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : WELLBORE DRILLING USING DUAL DRILL STRING

(51) International classification :E21B21/12,E21B17/18
(31) Priority Document No :61/820059
(32) Priority Date :06/05/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/036985
Filing Date :06/05/2014
(87) International Publication No :WO 2014/182709
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**1)DIRKSEN Ron J.**
**2)LEWIS Derrick W.**

(57) Abstract :
A method and apparatus are disclosed for drilling a wellbore using a concentric dual drill string. Multiple individually selectively isolable crossover ports intervaled may be provided along the length of the drill string thereby facilitating pumping a well control fluid within a wellbore annulus without the need to run in or trip out the drill string. Multiple one way check valves may be included at various points within an inner pipe of the dual drill string to minimize settling of particulate matter during long periods of non circulation. In an offshore arrangement the drill string may be used without a marine riser. A rotating control device is provided and a hydraulic power unit is located at the seafloor for controlling and lubricating the rotating control device. A pump may be located at the seafloor for managing wellbore annulus pressure via the rotating control device.

No. of Pages : 34 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2015

(21) Application No.6826/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : EXPANDABLE GRAVITY FEED BIN

(51) International classification :B65D21/08
(31) Priority Document No :61/749311
(32) Priority Date :05/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/010368
Filing Date :06/01/2014
(87) International Publication No :WO 2014/107673
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)BRUNDICK Ronald**
**2)JOHNSON Scott**
**3)ODOM John Clayton**

(57) Abstract :
A gravity feed bin (10) includes a generally hollow main bin (12) that has a storage reservoir (14) and an open end (32). A first generally hollow extension section (30) is selectably coupled to the open end (32) of the main bin (12). The first extension section (30) is in communication with the reservoir (14) and the storage capacity of the reservoir (14) is increased by the first extension section (30). In some embodiments a seal element (34) is intermediate the open end (32) of the main bin (12) and the first extension section (30) the seal element (34) providing a substantially air tight seal between the main bin (12) and the first extension section (30). A plurality of extension sections (30) and seal elements (34) may be selectably coupled together in a stacked arrangement upon the main bin (12) to increase the storage capacity of the reservoir (14).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2015

(21) Application No.6827/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AUTOMATIC INJECTION DEVICE

(51) International classification :A61M5/20
(31) Priority Document No :1303472.3
(32) Priority Date :27/02/2013
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2014/053882
Filing Date :27/02/2014
(87) International Publication No :WO 2014/131858
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)COWE Toby**
**2)WEBB Colin Marc**
**3)EVANS Timothy Simon**
**4)ANDERSON Oliver**

(57) Abstract :
An automatic injection device (101) for delivering a dose from a medicine containing syringe (103). The automatic injection device comprises a housing (107) for containing the syringe a force applicator for applying a force to eject medicine from the syringe a trigger (105) coupled to the force applicator for releasing the force applicator to cause an injection a boot (111) covering a needle (102) attached to the syringe to protect and maintain sterility of the needle and a mechanical interlock (104). The mechanical interlock prevents actuation of the trigger prior to removal of the boot. When the boot is removed the mechanical interlock allows for actuation of the trigger.

No. of Pages : 72 No. of Claims : 70

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2015

(21) Application No.6828/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : STORAGE NETWORK DATA ALLOCATION

(51) International classification :G06F15/16,G06F12/16
(31) Priority Document No :61/750324
(32) Priority Date :08/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/010694
Filing Date :08/01/2014
(87) International Publication No :WO 2014/110140
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**8)SEWERYNEK Stephen**

(57) Abstract :
A method of allocating data to a storage block included in a storage network may include determining a plurality of characteristics associated with a storage block included in a storage network. The plurality of characteristics may include storage capacity of the storage block available storage space of the storage block likelihood of loss of data stored on the storage block availability of the storage block with respect to the storage network and use of the storage block. The method may further include allocating data to the storage block based on the plurality of characteristics.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2015

(21) Application No.6829/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HYDROSTATIC AND DIRECT DRIVE TRANSMISSION

(51) International classification :F16H3/00,F16H47/02,B60K17/10
(31) Priority Document No :61/762994
(32) Priority Date :11/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2014/052640
Filing Date :11/02/2014
(87) International Publication No :WO 2014/122322
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)GILARDINO Luca**
**3)ORNELLA Giulio**
**4)TESSARO Nicola**
**5)COSOLI Ettore**

(57) Abstract :
A hydrostatic driveline is provided. The hydrostatic driveline comprises a power source a hydrostatic pump a hydrostatic motor a direct drive link and a transmission portion. The power source is drivingly engaged with an input member. The hydrostatic pump is in driving engagement with the input member. The hydrostatic motor is in fluid communication with the hydrostatic pump. The direct drive link is in driving engagement with the input member. The transmission portion is in driving engagement with a vehicle output and at least one of the hydrostatic motor and the direct drive link. The transmission portion includes at least one engagement device and a drive ratio. The hydrostatic pump the hydrostatic motor and the transmission portion form a first power path for the hydrostatic driveline and the direct drive link forms a second power path for the hydrostatic driveline.

No. of Pages : 60 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2015

(21) Application No.6834/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : VINYL POLYMERS PREPARED VIA SUSPENSION POLYMERIZATION AND METHODS THEREOF

(51) International classification :C08F12/08,C08F112/08,C08J9/02
(31) Priority Document No :13/826705
(32) Priority Date :14/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2014/059397
Filing Date :03/03/2014
(87) International Publication No :WO 2014/140987
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)HAMDAN Mohammed**
**3)HASHMI Syed Azhar**

(57) Abstract :
A method of producing vinyl polymer particles by suspension polymerization comprising: combining an aqueous media and a tricalcium phosphate to a reaction vessel; adding a p H stabilizing agent to the reaction vessel; adding a vinyl monomer to the reaction vessel; adding a peroxide initiator e.g. which also generates CO as a result of primary or secondary decomposition to the reaction vessel; adding surfactant or a water soluble free radical initiator to generate surfactant in situ to the reaction vessel; maintaining the reactor contents at greater than or equal to 90°C until a density of a dispersed phase becomes substantially equal to that of a continuous phase; adding a blowing agent to the reaction vessel; raising the temperature of the reaction vessel to greater than or equal to 100°C; and collecting polymer particles having a particle size distribution.

No. of Pages : 24 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2015

(21) Application No.6835/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : REMOVING RING DOWN EFFECTS FROM SONIC WAVEFORMS

| | |
|---|---|
| (51) International classification | :E21B47/09,E21B47/095,E21B47/12 |
| (31) Priority Document No | :61/774700 |
| (32) Priority Date | :08/03/2013 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No<br>Filing Date | :PCT/US2014/019696<br>:28/02/2014 |
| (87) International Publication No | :WO 2014/137844 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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(57) Abstract :
An illustrative acoustic range finding method including deploying a tool downhole transmitting a first acoustic waveform with a transmitting acoustic transducer of the tool receiving a second acoustic waveform with a receiving acoustic transducer of the tool removing a deterministic waveform from the second acoustic waveform to obtain an echo waveform and deriving a measurement from said echo waveform.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2015

(21) Application No.6836/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ANATOMICALLY TARGETED COMPRESSION CLOTHING

| | |
|---|---|
| (51) International classification | :A61F13/14,A41D13/00,A41D13/005 |
| (31) Priority Document No | :1301116.8 |
| (32) Priority Date | :22/01/2013 |
| (33) Name of priority country | :U.K. |
| (86) International Application No<br>Filing Date | :PCT/GB2014/050155<br>:21/01/2014 |
| (87) International Publication No | :WO 2014/114925 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

(71)**Name of Applicant :**
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**1)BARKER Stephen George Edward**

(57) Abstract :
An item of clothing is adapted to be worn against the skin and comprises at least one panel adapted to provide targeted compression of at least 20% of the total length of a specific surface vein in the body or adapted to provide targeted compression of at least 20% of a specific plexus of veins a specific lymphatic plexus drainage plexus or a collection of lymphatic vessels. The clothing is useful in a method of reducing recovery time in a human or other mammal after a period of activity and in a method of enhancing performance in particular sports performance in a human or other mammal. It may also improve the conditioning of the skin and aid lymphatic drainage and can be used in the treatment of certain medical conditions.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2015

(21) Application No.6837/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COMPOSITIONS COMPRISING GOUGEROTIN AND A BIOLOGICAL CONTROL AGENT

(51) International classification :A01N43/54,A01N63/02,A01N63/04
(31) Priority Document No :61/763130
(32) Priority Date :11/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/015594
Filing Date :10/02/2014
(87) International Publication No :WO 2014/124375
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)ROYALTY Reed Nathan**
**3)SMITH Davis Frisby**
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**5)THIELERT Wolfgang**

(57) Abstract :
The present invention relates to a composition comprising a) isolated gougerotinb) at least one biological control agent selected from specific microorganisms and/or a mutant of it having all identifying characteristics of the respective strain and/or at least one metabolite produced by the respective strain that exhibits activity against insects mites nematodes and/or phytopathogens in a synergistically effective amount. Furthermore the present invention relates to the use of this composition as well as a method for reducing overall damage of plants and plant parts.

No. of Pages : 84 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2015

(21) Application No.6838/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COMPOSITIONS COMPRISING GOUGEROTIN AND A FUNGICIDE

(51) International classification :A01N43/54,A01N37/24,A01N37/34
(31) Priority Document No :61/763130
(32) Priority Date :11/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/015579
Filing Date :10/02/2014
(87) International Publication No :WO 2014/124368
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)SMITH Frisby Davis**
**4)SPRINGER Bernd**
**5)THIELERT Wolfgang**
**6)WACHENDORFF NEUMANN Ulrike**

(57) Abstract :
The present invention relates to a composition comprising isolated gougerotin and at least one fungicide (I) in a synergistically effective amount with the proviso that fungicide (I) is not gougerotin. Furthermore the present invention relates to the use of this composition as well as a method for reducing overall damage of plants and plant parts.

No. of Pages : 93 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2015

(21) Application No.4923/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SAPO- 34 MOLECULAR SIEVE USING DIGLYCOLAMINE AS TEMPLATE AGENT AND METHOD FOR THE PREPARING THE SAME

(51) International classification :C01B39/54
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/086280
Filing Date :10/12/2012
(87) International Publication No :WO 2014/089740
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Provided in the present invention is silicoaluminophosphate zeolite SAPO- 34. Same is characterized in that the anhydrous chemical composition thereof is: mDGA·(S SixAlyPz)O2, where DGA is diglycolamine distributed within zeolite cages and pores , m is the number of moles of the diglycolamine as a templating agent per mole of (SxiAlyPz)O2, m = 0.03 -0.25, and x , y ,and z respectively express the mole fractions of Si , Al , and P , respectively ranged as x = 0.01 -0.30 , y = 0.40- 0.60, and z = 0.25 -0.49 , while x + y + z = 1. The synthesized silicoaluminophosphate zeolite SAPO- 34 of the present invention can be used as a catalyst in an acid catalyzed reaction, such as a methanol- to- olefin reaction. The present invention also relates to applications of the SAPO- 34 zeolite in terms of absorption and isolation of CH4 and CO2.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2015

(21) Application No.4924/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD OF PREPARING METHYL ACETATE

(51) International classification :C07C67/37,C07C69/14,B01J29/18
(31) Priority Document No :201210571065.2
(32) Priority Date :25/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2014/000124
Filing Date :28/01/2014
(87) International Publication No :WO 2014/101897
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**6)MENG Shuanghe**
**7)LI Lina**
**8)LIU Shiping**
**9)ZHOU Hui**

(57) Abstract :
Provided in the present invention is a process for preparing methyl acetate, comprising passing a feed gas containing an organic amine, dimethyl ether, carbon monoxide , and optional hydrogen -gas through a reactor loaded with a hydrogen- type mordenite molecular sieve catalyst to prepare methyl acetate; wherein the hydrogen- type mordenite molecular sieve catalyst is a hydrogen- type mordenite molecular sieve catalyst with the adsorbed organic amine. In the process of the present invention , using the hydrogen type mordenite molecular sieve with the adsorbed organic, amine as the catalyst and adding the organic amine component into the feed gas can steadily compensate the desorption of the organic amine during the reaction process, improve the stability of the catalyst and prolong the service life of the catalyst.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2015

(21) Application No.4925/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PREVENTING FREE -RIDING DATA TRAFFIC WHEN SCHEDULING UPLINK DATA

(51) International classification :H04W72/12
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/SE2013/050236
Filing Date :14/03/2013
(87) International Publication No :WO 2014/142718
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)ERIKSSON Ann- Christine**
**3)HULTSTR–M, Maria**

(57) Abstract :
A method performed by a communication network node is provided for scheduling of a User Equipment , UE , in a communication network which comprises the UE and the communication network node. The UE is arranged to communicate data on a plurality of bearers with the communication network node. In the method, one or more active bearers among the plurality of bearers are determined 202 , the highest priority of the active bearers are determined 204 , and a data transmission in uplink is scheduled 208 for the UE based on the highest priority. By only taking active bearers in account when scheduling UEs with non- active high priority bearer are prevented from performing free- riding traffic on lower prioritised bearers.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012

(21) Application No.7034/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PROCESS FOR PRODUCTION OF POLYLACTIC ACID RESIN COMPOSITION •

(51) International classification :C08F
(31) Priority Document No :2010-021475
(32) Priority Date :02/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/051307
Filing Date :25/01/2011
(87) International Publication No :WO/2011/096299
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)MASAHIRO MORI**

(57) Abstract :
A method for producing a polylactic acid resin composition, including the following steps (1) and (2): step (1): subjecting an organic crystal nucleating agent to a wet pulverization in the presence of a carboxylic acid ester having a weight-average molecular weight of from 150 to 600 and a viscosity at 23°C of from 1 to 500 mPas and/or a phosphoric ester having a weight - average molecular weight of from 150 to 600 and a viscosity at 23°C of from 1 to 500 mPa°s to give a finely pulverized organic crystal nucleating agent composition; and step (2): melt-kneading a raw material for a polylactic acid resin composition comprising the finely pulverized organic crystal nucleating agent composition obtained in the step (1) and a polylactic acid resin. The polylactic acid resin composition obtainable by the method of the present invention can be suitably used in various industrial applications, such as daily sundries, household electric appliance parts, packaging materials for household electric appliance parts, and automobile parts.

No. of Pages : 108 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012

(21) Application No.4787/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SINGLE CRYSTAL DIAMOND MATERIAL

(51) International classification :C30B 25/00
(31) Priority Document No :0922230.8
(32) Priority Date :21/12/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2010/069825
Filing Date :15/12/2010
(87) International Publication No :WO 2011/076642
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)DHILLON HARPREET KAUR**
**3)SCARSBROOK GEOFFREY ALAN**

(57) Abstract :
A method of producing a grown single crystal diamond substrate comprising: (a) providing a first diamond substrate which presents a (001) major surface, which major surface is bounded by at least one <100> edge, the length of the said at least one <100> edge exceeding any dimension of the surface that is orthogonal to the said at least one <100> edge by a ratio of at least 1.3:1; and (b) growing diamond material homoepitaxially on the (001) major surface of the diamond material surface under chemical vapour deposition (CVD) synthesis conditions, the diamond material growing both normal to the major (001) surface, and laterally therefrom.

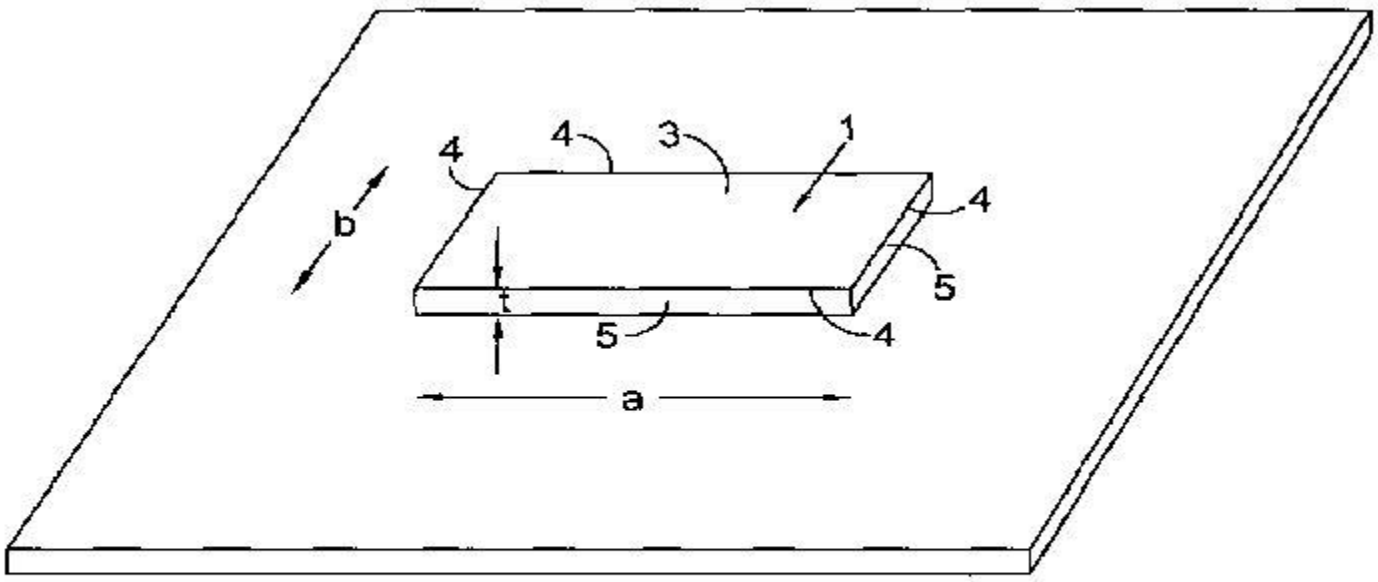



Fig.1

No. of Pages : 41 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012

(21) Application No.4788/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COPPER ALLOYS AND HEAT EXCHANGER TUBES

(51) International classification :C22C 9/00
(31) Priority Document No :61/264,529
(32) Priority Date :25/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/057944
Filing Date :24/11/2010
(87) International Publication No :WO 2011/066345
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)KAMF ANDERS**
**4)GOEBEL TIM**
**5)GONG ERIC**
**6)ROTTMAN ED**

(57) Abstract :
Alloys comprising copper, iron, tin and, optionally, phosphorus or-copper, zinc, tin and, optionally, phosphorus, which can be used in, for example, a copper alloy tube for heat exchangers that provides excellent fracture strength and processability for reducing the weight of the tube and for use in high pressure applications with cooling media such as carbon dioxide.

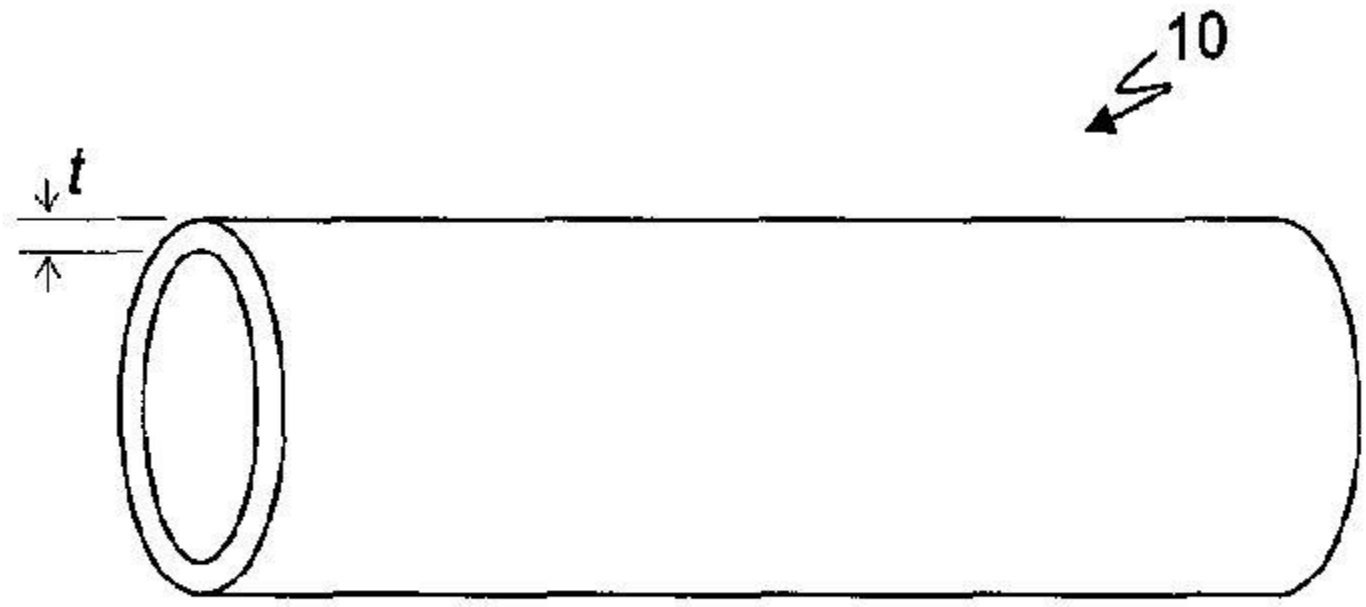



Figure 4(a)

No. of Pages : 19 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012

(21) Application No.4789/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CLEANSING BAR

(51) International classification :C11D 3/12
(31) Priority Document No :61/289,430
(32) Priority Date :23/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/061703
Filing Date :22/12/2010
(87) International Publication No :WO 2011/079163
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**8)ANSARI SHAMIN**
**9)LE DEREK**

(57) Abstract :
A cleansing bar comprising at least one member chosen from clay and talc, wherein a total amount of clay and talc is present in an amount that is greater than any other material in the cleansing bar, at least one cleanser chosen from soap and surfactant, and a binder present in an amount to structure the cleansing bar into a bar.

No. of Pages : 81 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2015

(21) Application No.4930/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HIGH -STRENGTH HOT -ROLLED STEEL SHEET HAVING MAXIMUM TENSILE STRENGTH OF 980 MPA OR ABOVE , AND HAVING EXCELLENT AND BAKING HARDENABILITY AND LOW -TEMPERATURE TOUGHNESS

(51) International classification :C22C38/00,C21D9/46,C22C38/14
(31) Priority Document No :2013035597
(32) Priority Date :26/02/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/054570
Filing Date :25/02/2014
(87) International Publication No :WO 2014/132968
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**4)KANZAWA Yuuki**
**5)UENISHI Akihiro**

(57) Abstract :
This high- strength steel sheet contains, in mass% , 0.01% to 0.2% carbon , 0 to 2.5% silicon 0 to 4.0% manganese 0 to 2.0% aluminum , 0 to 0.01% nitrogen, 0 to 2.0% copper , 0 to 2.0% nickel, 0 to 1.0% molybdenum , 0 to 0.3% vanadium , 0 to 2.0% chromium , 0 to 0.01% magnesium , 0 to 0.01% calcium, 0 to 0.1% rare -earth metals , 0 to 0.01% boron , not more than 0.10% phosphorus, not more than 0.03% sulfur , not more than 0.01% oxygen , and a total of 0.01 to 0.30% of either or both titanium and niobium , with the remainder comprising iron and unavoidable impurities. The steel sheet has a dislocation density of 5 — 1013 (1/m2) to 1 — 1016 (1/m2) ,and comprises , in total volume fraction, at least 90% tempered martensite or lower bainite containing at least 1 x 106 iron carbide/mm2.

No. of Pages : 43 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2015
(21) Application No.4933/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND APPARATUS FOR REFERENCE SYMBOL RECEPTION

(51) International classification :H04L5/00,H04W52/16
(31) Priority Document No :1301730.6
(32) Priority Date :31/01/2013
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2014/050141
Filing Date :17/01/2014
(87) International Publication No :WO 2014/118505
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)MORIOKA, Yuichi**

(57) Abstract :
To facilitate a selective transmission power boost in a narrowband subsystem of a wideband host carrier, where the narrowband subsystem is preferentially allocated to reduced capability communications devices, both data symbols and dedicated reference symbols are transmitted at a higher power within the narrowband. It is further determined whether to use the dedicated symbols exclusively or in addition to common reference symbols to generate channel estimates.

No. of Pages : 31 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012
(21) Application No.7047/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PLANETARY GEAR MECHANISM FOR A BICYCLE

(51) International classification :B41C
(31) Priority Document No :12/657,461
(32) Priority Date :20/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/021607
Filing Date :19/01/2011
(87) International Publication No :WO/2011/090958
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)ALEXANDER SERKH**
**2)DEAN SCHNEIDER**

(57) Abstract :
A planetary gear mechanism for a bicycle, and more particularly to a planetary gear mechanism comprising a first planetary mechanism connected coaxially in series to a second planetary mechanism, which second planetary mechanism is connected coaxially in series to a third planetary mechanism, the second planetary mechanism output is a step up in speed from the first planetary mechanism output, the third planetary mechanism output is a step up in speed from the second planetary mechanism output.

No. of Pages : 54 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4659/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR PRODUCING AN ELECTRICALLY CONDUCTIVE CONNECTION

(51) International classification :H01M 2/20
(31) Priority Document No :10 2009 047 490.0
(32) Priority Date :04/12/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/065296
Filing Date :13/10/2010
(87) International Publication No :WO 2011/067025
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)RAMSAYER, REINER**

(57) Abstract :
Described herein is a method for producing an electrically conductive connection, particularly between a contact pin (30) or (32) and a cross connection link (34) on battery cells (10). The contact pins (30, 32) are produced from a material A and producing the cross connection links (34) from a material B, which is different from material A. The contact pins (30,32) are also produced from the material B and the lug-shaped cross connection links (34) are also produced from material A. The openings (35) are produced in the cross connection link (34). A cohesive connection (52) is produced between the contact pins (30, 32) and the lug-shaped cross connection links (34) by laser welding.

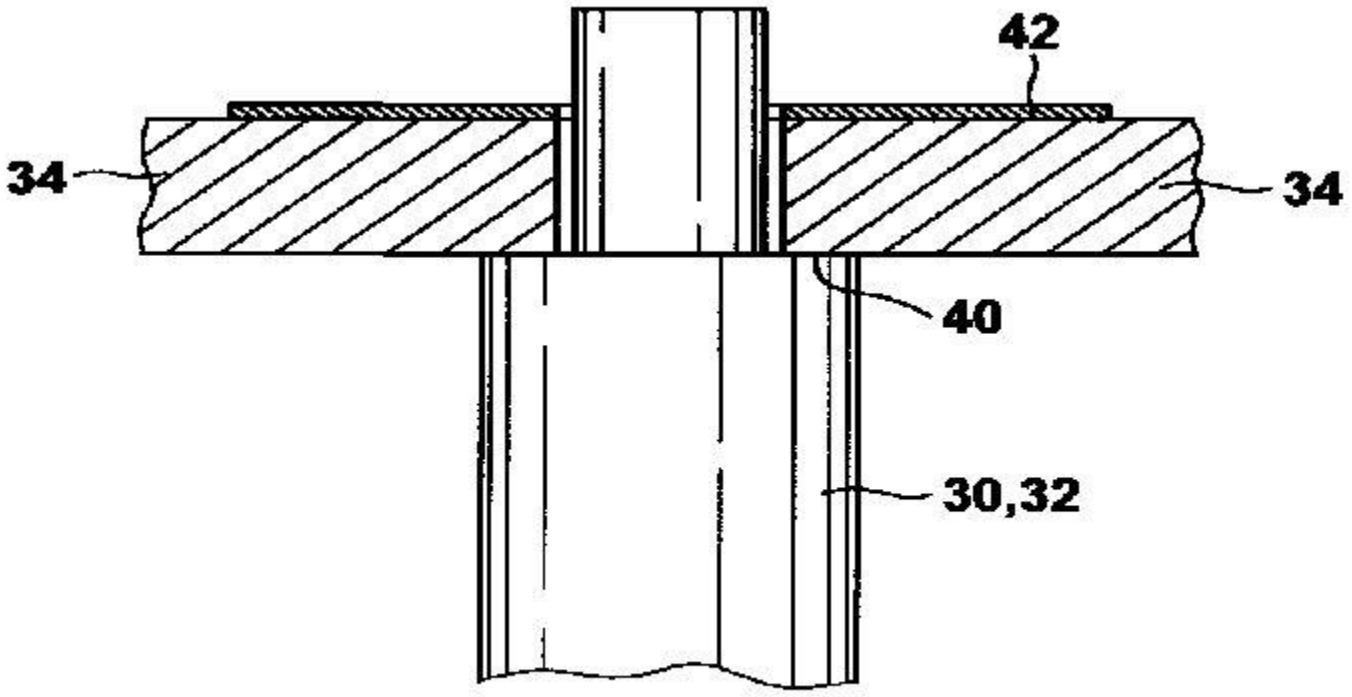



Fig. 3

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012

(21) Application No.7041/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : TRANSVERSE FLUX INDUCTION HEATING DEVICE •

(51) International classification :G01N
(31) Priority Document No :2010-035198
(32) Priority Date :19/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/053526
Filing Date :18/02/2011
(87) International Publication No :WO/2011/102471
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)KENJI UMETSU**
**2)TSUTOMU UEKI**
**3)YASUHIRO MAYUMI**
**4)TOSHIYA TAKECHI**

(57) Abstract :
Disclosed is a transverse flux induction heating device in which an alternating magnetic field is made to cross the plate surface of a conductive plate being conveyed in one direction, thereby inductively heating said conductive plate. Said transverse flux induction heating device is provided with: a heating coil disposed so that the coil surface thereof faces the plate surface of the conductive plate; a core around which the heating coil is wound; a shielding plate formed from a conductor and disposed between the core and an end of the conductive plate in a direction perpendicular to the direction of conveyance; and a nonconductive soft magnetic material attached to the shielding plate. The shielding plate is between the core and the nonconductive soft magnetic material.

No. of Pages : 48 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012
(21) Application No.7042/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : USE OF MIXTURES FOR PRODUCING IMPACT RESISTANT MODIFIED THERMOPLASTIC COMPOSITIONS •

(51) International classification :C08F
(31) Priority Document No :10001490.1
(32) Priority Date :13/02/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/051902
Filing Date :09/02/2011
(87) International Publication No :WO 2011/098490
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)ANDREAS SEIDEL**
**2)HANS-JURGEN THIEM**
**3)ECKHARD WENZ**

(57) Abstract :
The present invention relates to the use, in a compounding. process for the preparation of pigmented impact-modified thermoplastic polymer compositions, of a mixture comprising A) from 60 to 98 parts by weight, based on the sum of components A and B, of at least one graft polymer, used in powder form, consisting of a rubber-elastic core and a grafted polymer component as the shell, B) from 2 to 40 parts by weight, based on the sum of components A and B, of at least one inorganic or organic liquid compound, and C) at least one pigment, characterised in that the graft polymer A and/or the pigment C absorbs or adsorbs the liquid inorganic or organic compound B, and the boiling point of component B at normal pressure is below the temperature of the polymer melt during the compounding.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012

(21) Application No.7043/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CPVC PIPES  FITTINGS AND TUBULAR CONDUITS IN MARINE VESSELS •

(51) International classification :B41C
(31) Priority Document No :61/302,197
(32) Priority Date :08/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/023873
Filing Date :07/02/2011
(87) International Publication No :WO/2011/097556
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)SOLOMON ZITTRER**

(57) Abstract :
A marine vessel (100) includes pipes and tubular fluid conduits which are a part of a waste water management system (102). The waste water management system includes CPVC piping (104) that is used to transport at least one of black water or gray water. The CPVC piping meets at least one fire endurance test set forth by the International Maritime Organization. Additionally or alternatively, the CPVC piping meets at least one test set forth in IMO A.653 (16).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012

(21) Application No.7044/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CYCLOPENTYL AND CYCLOHEPTYLPYRAZOLES AS FXR MODULATORS

(51) International classification :C07D231/54,C07D401/12,C07D403/12
(31) Priority Document No :10157484.6
(32) Priority Date :24/03/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/054176
Filing Date :21/03/2011
(87) International Publication No :WO 2011/117163
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)BENSON Gregory Martin**
**2)BLEICHER Konrad**
**3)GRETHER Uwe**
**4)KUHN Bernd**
**5)RICHTER Hans**
**6)TAYLOR Sven**

(57) Abstract :
This invention relates to novel cyclopentyl- and cycloheptylpyrazole derivatives of the formula (I) wherein A and R1 to R4 are as defined in the description and in the claims, as well as physiologically acceptable salts thereof, to compositions ineluding these compounds and methods of using the compounds.

No. of Pages : 74 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012

(21) Application No.7037/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : GROWTH MEDIUM FOR THE DETECTION OF MICROORGANISMS BY FLUORESCENCE ALLYING A FLUOROGENIC SUBSTRATE AND A PH-SENSITIVE FLUOROPHORE

| | |
|---|---|
| (51) International classification | :C12P |
| (31) Priority Document No | :1050529 |
| (32) Priority Date | :27/01/2010 |
| (33) Name of priority country | :France |
| (86) International Application No<br>Filing Date | :PCT/IB2011/050234<br>:19/01/2011 |
| (87) International Publication No | :WO/2011/092610 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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(72)**Name of Inventor :**
**1)FR‰D‰RIC MARC**

(57) Abstract :
The invention relates to a growth medium allying a fluorogenic substrate and a pH-sensitive fluorophore, in particular the combination of 4- methylumbelliferone (4-MU) and derivatives of fluorescein. This growth medium is used for the detection by fluorescence of microorganisms by coupling the fluorescence measurements relating to the pH-sensitive fluorophor and the fluorescence measurements relating to the activation of the fluorogenic substrate(s) by the microorganisms.

No. of Pages : 56 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012
(21) Application No.7038/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : IDENTIFICATION  ASSESSMENT  AND THERAPY OF CANCERS WITH INNATE OR ACQUIRED RESISTANCE TO ALK INHIBITORS •

(51) International classification :A61K
(31) Priority Document No :61/337,465
(32) Priority Date :04/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/000382
Filing Date :04/02/2011
(87) International Publication No :WO/2011/095894
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)HIROYUKI MANO**
**2)YOUNG L. CHOI**
**3)MANABU SODA**

(57) Abstract :
Described herein are compositions, kits, and methods for determining whether subjects having cancer(s) positive for ALK mutations are likely to respond to treatment with an ALK inhibitor and/or whether a patient having such cancer(s) is likely to have a relatively slower disease progression. Further described are methods for prognosing a time course of disease in a subject having such cancer.

No. of Pages : 197 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012

(21) Application No.7039/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : INTRACAMERAL SUSTAINED RELEASE THERAPEUTIC AGENT IMPLANTS •

(51) International classification :A61K
(31) Priority Document No :61/297,660
(32) Priority Date :22/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/021971
Filing Date :21/01/2011
(87) International Publication No :WO/2011/091205
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**2)JAMES BURKE**
**3)RHETT SCHIFFMAN**

(57) Abstract :
Described herein are intracameral implants including at least one therapeutic agent for treatment of at least one ocular condition. The implants described herein are not anchored to the ocular tissue, but rather are held in place by currents and gravity present in the anterior chamber of an eye. The implants are preferably polymeric, biodegradable and provide sustained release of at least one therapeutic agent to both the trabecular meshwork and associated ocular tissue and the fluids within the anterior chamber of an eye.

No. of Pages : 37 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012

(21) Application No.7040/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : BRAKE SYSTEM HAVING A PRESSURE MODEL AND PRIORITIZATION DEVICE •

(51) International classification :B41C
(31) Priority Document No :10 2010 008 033.0
(32) Priority Date :13/02/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/052053
Filing Date :11/02/2011
(87) International Publication No :WO 2011/098573
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)CHRISTIAN KOEGLSPERGER**
**3)ANTON VAN ZANTEN**

(57) Abstract :
The invention relates to a brake system comprising a brake booster, the piston-cylinder system (14, HZ, THZ) of which is driven mechanically or hydraulically by an electric motor, in particular by means of transmission means, at least one working chamber of the piston-cylinder system (14, HZ, THZ) being connected to at least two wheel brakes via hydraulic lines, each wheel brake being associated with a 2/2 distribution control valve (17a, 17b, 17c, 17d) and the hydraulic connecting lines between the wheels brakes (18a, 18b, 18c, 18d) and the piston-cylinder system (14, HZ) being selectively disconnectable or jointly closable by means of the 2/2 distribution control valves (17a, 17b, 17c, 17d) such that in the wheel brakes (18a, 18b, 18c, 18d) a pressure can be adjusted consecutively in terms of a multiplex method and/or simultaneously, the electric motor and the control valves (17a, 17b, 17c, 17d) being actuated by a regulating device, characterized in that the regulating device calculates the respective pressure ( pR(t) ) in the wheel brakes by means of a pressure model (103) and transmits the calculated pressure values ( pR(t) ) to at least one ABS-ESP regulator (104) and to a pressure regulating device (106), wherein the pressure regulating device (106) actuates at least the 2/2 distribution control valves (17a, 17b, 17c, 17d) and the electric motor, and a prioritization device (105) performs a wheel selection on the basis of the data transmitted by the ABS/ESP regulator (104) and transmits it to the pressure regulating device (106).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4650/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PROCESS FOR THE PREPARATION OF A PARTICULATE POLYETHYLENE PRODUCT

(51) International classification :C08F 10/02
(31) Priority Document No :09179798.5
(32) Priority Date :18/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/070047
Filing Date :17/12/2010
(87) International Publication No :WO 2011/073379
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)SLAWINSKI, MARTINE**

(57) Abstract :
The invention relates to a process for the preparation of a particulate polyethylene product in a loop reactor, wherein the polymerization catalyst applied in the polymerization process comprises a particulate metallocene-alumoxane catalyst immobilized on a porous silica support; and whereby said metallocene-alumoxane catalyst is heterogeneously distributed on said porous silica support.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012
(21) Application No.4651/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR MONITORING THE LEVEL OF AN ETHYLENE POLYMERIZATION CATALYST SLURRY

(51) International classification :B01J 8/22
(31) Priority Document No :09179859.5
(32) Priority Date :18/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/070019
Filing Date :17/12/2010
(87) International Publication No :WO 2011/073366
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)BRUSSELEE, ALAIN**

(57) Abstract :
The present invention relates to a method for monitoring the level of an ethylene polymerization catalyst slurry in a mud pot (2), whereby said catalyst slurry is prepared by introducing a solid catalyst and a liquid diluent in said mud pot (2), and whereby through sedimentation an interface (35) is formed between said diluent and the obtained catalyst slurry, characterized in that said interface (35) is monitored with Time Domain Reflectometry.

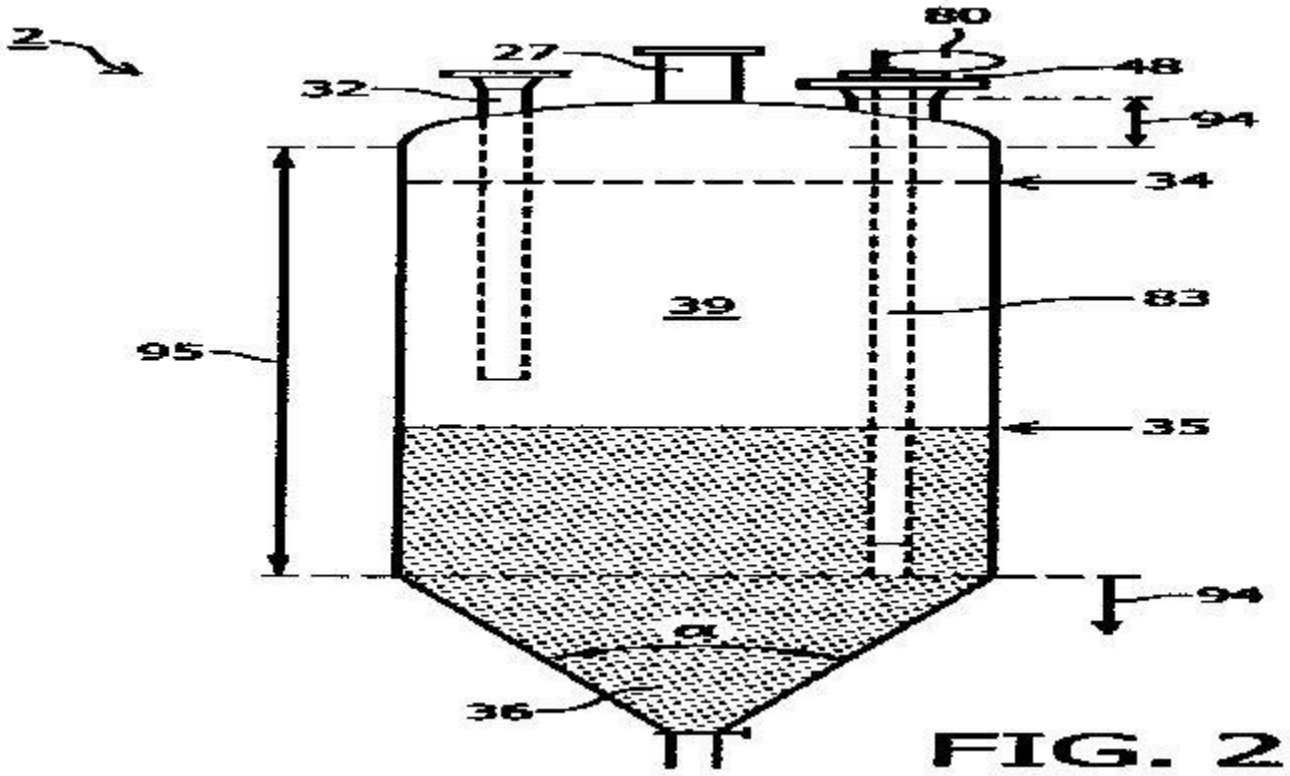


FIG. 2

No. of Pages : 34 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4652/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS COMPRISING SIGMA RECEPTOR LIGANDS

(51) International classification :A61K 9/16
(31) Priority Document No :09382261.7
(32) Priority Date :25/11/2009
(33) Name of priority country :Spain
(86) International Application No :PCT/EP2010/068213
Filing Date :25/11/2010
(87) International Publication No :WO 2011/064296
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)SOLER RANZANI, LUIS**
**2)ESPOSITO, PIERANDREA**
**3)CASADEVALL PUJALS, GEMMA**
**4)CUBEL, SUNE, NURIA**

(57) Abstract :
The present invention relates to a pharmaceutical composition that comprises a compound of formula (I) as active pharmaceutical ingredient: or a pharmaceutically acceptable salt, isomer, prodrug or solvate thereof; and at least a pharmaceutically acceptable excipient, wherein the active pharmaceutical ingredient is present in an amount of at least 80% of the total dry weight of the composition.

No. of Pages : 43 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/06/2012

(21) Application No.5551/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND DEVICE FOR DAMPING TORSIONAL OSCILLATIONS

(51) International classification :G01R27/20,H02P9/10,H02P9/48
(31) Priority Document No :10 2009 059 669.0
(32) Priority Date :19/12/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/007497
Filing Date :09/12/2010
(87) International Publication No :WO 2011/072820
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)VATH Andreas**
**2)HERRMANN Tobias**
**3)S„TTLER Hanno**

(57) Abstract :
The invention relates to a method for damping torsional oscillations in a power production plant (100) having a drive train (2 5) a rotor (1) fitted to a rotor side end (1 ) of the drive train (2 5) and a generator (6) driven via the drive train (2 5) and fitted to a generator side end (6 ) of the drive train (2 5). By using at least one angular position (f) of the drive train (2 5) at the generator side end (6 ) thereof a torsional moment (M) acting on the drive train (2 5) is determined and used to control the generator (6).

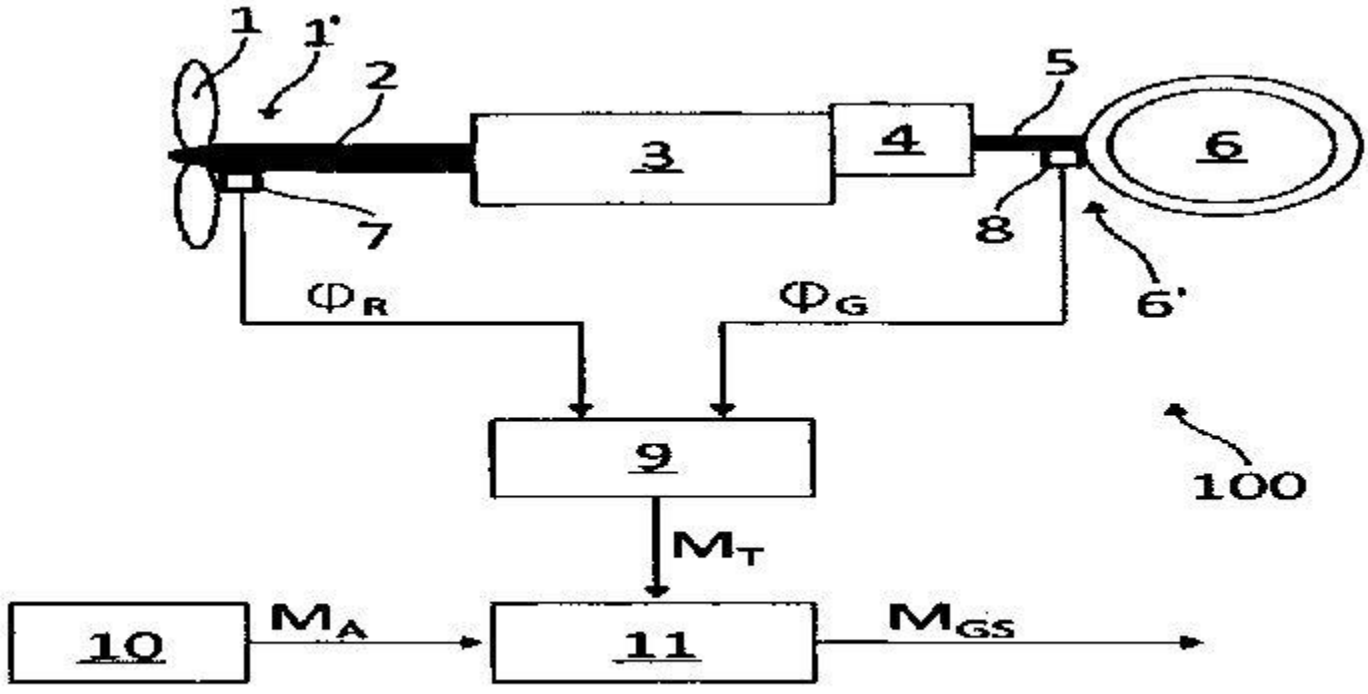



Fig. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/06/2012

(21) Application No.5554/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ANTI C5A BINDING MOIETIES WITH HIGH BLOCKING ACTIVITY

(51) International classification :C07K16/18
(31) Priority Document No :09014745.5
(32) Priority Date :26/11/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/007197
Filing Date :26/11/2010
(87) International Publication No :WO 2011/063980
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)RIEDEMANN Niels Christoph**
**3)LI Yan**
**4)SHEN Beifen**

(57) Abstract :
The present invention relates to binding moieties that specifically bind to a conformational epitope of C5a in particular human C5a. Preferred binding moieties are anti C5a antibodies that bind to this conformational epitope. The binding moieties described herein are useful as active agents in pharmaceutical compositions for the treatment and prevention of various acute and chronic diseases in particular acute inflammatory diseases such as the systemic inflammatory response syndrome (SIRS) and different degrees of sepsis including sepsis severe sepsis and septic shock.

No. of Pages : 91 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012

(21) Application No.7051/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ROLL STAND

(51) International classification :A47J
(31) Priority Document No :10290105.5
(32) Priority Date :03/03/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/054449
Filing Date :01/04/2010
(87) International Publication No :WO 2011/107165
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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**2)YVES GUILLOT**
**3)FRANCIS CHARRE**

(57) Abstract :
The present invention relates to a roll stand, including two working rollers (1) capable of gripping a strip to be rolled, two intermediate rollers (2), two bearing rollers (3), at least one side bearing unit (7) capable of laterally supporting said working roller (1) and also a method for operating a roll stand, said roll stand being characterized in that at least one camber block (9) for cambering said intermediate rollers (2) is capable of vertical movement relative to the posts (6) of the roll stand and of supporting said side bearing unit (7).

No. of Pages : 46 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012
(21) Application No.7052/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND DEVICE FOR DETECTING THE BLOCKAGE OF A GASOLINE VAPOR FILTER BLEED VALVE

(51) International classification :F02M25/08
(31) Priority Document No :1001458
(32) Priority Date :08/04/2010
(33) Name of priority country :France
(86) International Application No :PCT/EP2011/001679
Filing Date :05/04/2011
(87) International Publication No :WO 2011/124358
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)CONTINENTAL AUTOMOTIVE GMBH**
(72)**Name of Inventor :**
**1)COLLET Thierry**

(57) Abstract :
The invention relates to a method for detecting the blockage of a gasoline vapor filter (3) bleed valve (4) for a motor vehicle internal combustion engine (1) which comprises at least one sequence of the following steps: a step of controlling the opening of the bleed valve (4) a step of measuring at least one operating parameter of the internal combustion engine (1) which is related to the mixture taken into said engine a step of calculating an indicator via statistical signal processing on at least one measured parameter and of comparing said indicator to a predetermined value. The invention also relates to a detection device capable of implementing the method.

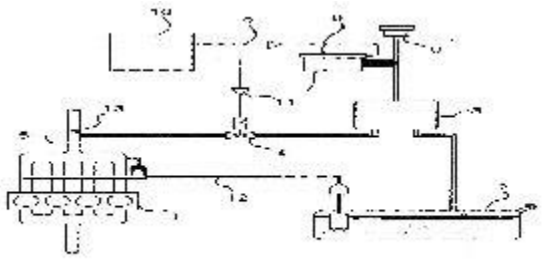


FIG: 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012

(21) Application No.7053/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DIAGNOSTIC METHOD AND DEVICE FOR A BLEED VALVE OF A HYBRID MOTOR VEHICLE

(51) International classification :F02M25/08,F02D29/06,F02D41/22
(31) Priority Document No :1001553
(32) Priority Date :13/04/2010
(33) Name of priority country :France
(86) International Application No :PCT/EP2011/001727
Filing Date :07/04/2011
(87) International Publication No :WO 2011/128041
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)CONTINENTAL AUTOMOTIVE GMBH**
(72)**Name of Inventor :**
**1)COLLET Thierry**

(57) Abstract :
The invention relates to a method for detecting the blocking of the bleed valve (4) of a fuel vapor filter (3) for a hybrid motor vehicle comprising at least one internal combustion engine (1) and an electric motor/generator wherein said method comprises a step of controlling the electric motor when driving the internal combustion engine (1) so as to maintain said internal combustion engine (1) at a constant speed during a startup or pre stopping stage and at least one sequence of the following steps when maintaining said constant speed of the internal combustion engine: a step of opening the bleed valve (4) a step of measuring at least one operating parameter of the electric motor a step of comparing the values of the measured parameter before and after the opening of the bleed valve (4) and of determining if the variation in said parameter is greater than a predetermined threshold.

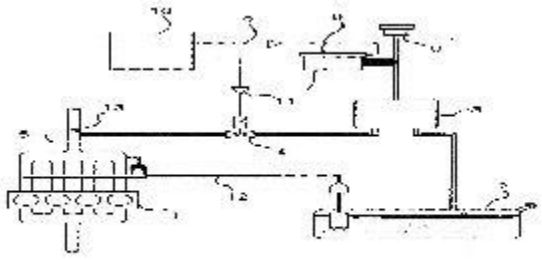


FIG: 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012

(21) Application No.7054/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A PACKAGE HAVING THREE DIMENSIONAL LABEL AND PRODUCTION METHOD THEREOF

(51) International classification :B29C45/14,B29C45/37,B29C43/18
(31) Priority Document No :2010/00724
(32) Priority Date :02/02/2010
(33) Name of priority country :Turkey
(86) International Application No :PCT/IB2011/050438
Filing Date :01/02/2011
(87) International Publication No :WO 2011/095932
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)ARTUN Hasan Hakan**

(57) Abstract :
The present invention relates to a package (100) having three dimensional label and production method (PM1 PM2) thereof. The package (100) comprises at least one inner surface (104) which is in contact with the product intended to be stored at least one outer surface (102) having a lens surface formed by injecting via pressure transparent plastic raw material on the female mould (FML) where the lens design is machined inversely or by placing the lenticular lens prepared outside as a label into the mould (FM) and at least one graphic located between the inner surface (104) and the outer surface (102).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012
(21) Application No.7055/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : KIT AND METHOD FOR PROMOTION OF POSITIVE ADJUSTMENT TO ILLNESS AND TRAUMA

(51) International classification :G06Q10/00
(31) Priority Document No :61/301769
(32) Priority Date :05/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/023162
Filing Date :31/01/2011
(87) International Publication No :WO 2011/097167
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)MARSAC Meghan L.**
**2)VINSEL Anne Marie**

(57) Abstract :
A kit for use in promoting a patient s positive adjustment includes a plurality of module units each module unit containing instructions for coping with a specific stress symptom and a transitional object having a module unit receiver. The module unit receiver can receive one of the module units and deliver the instructions on the module unit to the patient. A method of promoting positive adjustment includes the steps of providing a patient with a transitional object and a plurality of module units each module unit containing instructions for coping with a specific stress symptom identifying a stress symptom selecting a module unit having instructions for coping with the stress symptom and delivering the instructions on the selected module unit to the patient with the transitional object.

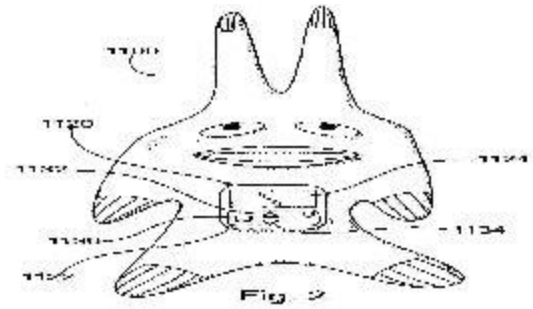


Fig. 2

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.2534/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ROAD PAVER WITH MEASURING DEVICE

(51) International classification :E04C
(31) Priority Document No :11006864.0
(32) Priority Date :22/08/2011
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)Achim EUL**

(57) Abstract :
Road paver (1) having a towing machine (2) that is movable on a plane (4) along a work area having a screed (5) that is provided to lay a road pavement (7) and having at least one measuring device (8) that is configured to generate a point cloud (12) that depicts a three-dimensional condition of the surface of the plane (4).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.4700/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : EXHAUST TEMPERATURE BASED THRESHOLD FOR CONTROL METHOD AND TURBINE

(51) International classification :F02C 9/00
(31) Priority Document No :CO2009A000053
(32) Priority Date :27/11/2009
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2010/067789
Filing Date :19/11/2010
(87) International Publication No :WO 2011/064140
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)BOTARELLI, CLAUDIO**

(57) Abstract :
A Gas turbine, computer software and a method for controlling an operating point of the gas turbine that includes a compressor, a combustor and at least a turbine are disclosed. The method includes a step of determining an exhaust pressure at an exhaust of the turbine; a step of measuring a compressor pressure discharge at the compressor; a step of determining a turbine pressure ratio based on the exhaust pressure and the compressor pressure discharge; a step of calculating a primary to lean-lean mode transfer threshold reference curve as a function of the turbine pressure ratio, where the primary to lean-lean mode transfer threshold curve includes points at which an operation of the gas turbine is changed between a primary mode to a lean-lean mode; and a step of controlling the gas turbine to change between the primary mode and the lean-lean mode.

No. of Pages : 56 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012
(21) Application No.4701/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : EXHAUST TEMPERATURE BASED MODE CONTROL METHOD FOR GAS TURBINE AND GAS TURBINE

(51) International classification :F02C 9/00
(31) Priority Document No :CO2009A000055
(32) Priority Date :27/11/2009
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2010/068334
Filing Date :26/11/2010
(87) International Publication No :WO 2011/064343
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)BOTARELLI, CLAUDIO**

(57) Abstract :
Gas turbine and method for controlling an operating point of the gas turbine that includes a compressor, a combustor and at least a turbine. The method includes calculating an exhaust temperature reference curve of the turbine as a function of a turbine pressure ratio; determining whether condition IGVmin + ΔlGV1 ≤ IGVset point ≤ IGVmax + ΔIGV2, and condition ttx > ttxh + Δttx3, are true; and changing, if both conditions are true, a split fuel quantity from a first value to a second value or otherwise maintaining the first value, the first value characterizing a lean-lean steady state mode and the second value characterizing a premixed secondary mode of a premixed mode.

No. of Pages : 82 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2012

(21) Application No.5587/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COMPOSITION FOR COATING

(51) International classification :C09D 5/00
(31) Priority Document No :09380197
(32) Priority Date :23/12/2009
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2010/003246
Filing Date :15/12/2010
(87) International Publication No :WO 2011/077211
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)FRANCISCO SANCHIS BRINES**
**3)AMAYA ORTEGA MURGUIALDAY**
**4)JULIO GOMEZ CORDON**
**5)MARIA DOLORES LORENTE AROCA**
**6)DIANA CORDERO ETCHABERRY**

(57) Abstract :
The method consists of the formation of a layer over a stone substrate to increase its hardness, chemical resistance, wear and scratch resistance, comprising applying on the substrate a coating matrix incorporating an organic material and fillers including inorganic nanoparticles and/or microparticles; chemically binding said matrix to the substrate,by a self-assembly process and/or a binding process by covalent bonding, electrostatic bonding, van der Waals bonding or hydrogen bonds; and finally drying said matrix. The mentioned organic material is selected from organosilanes, organophosphates, polycarboxylic compounds, compounds based on triazine heterocycles and said nanoparticles are nanoparticles of oxides, carbides, borides, nitrides of metals or of semimetals.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012

(21) Application No.7071/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DEVICE AND SYSTEM FOR DETERMINING PREPARING AND ADMINISTERING THERAPEUTICALLY EFFECTIVE DOSES

(51) International classification :A61J3/00
(31) Priority Document No :12/711899
(32) Priority Date :24/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/025804
Filing Date :23/02/2011
(87) International Publication No :WO 2011/106341
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)BOGUE Beuford A.**

(57) Abstract :
The present invention relates to a system and method for dispensing a therapeutically effective amount of dosage containing a medicament including an instrument for inputting data from a user analyzing the inputted data to determine an appropriate amount of medicament to be administered to the user and a dispenser for sizing and dispensing a therapeutically effective amount of the medicament. The medicament may be in the form of a continuous roll of oral thin film including the medicament.

No. of Pages : 45 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2015

(21) Application No.6783/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HIGH VISCOSITY ALPHA OLEFIN COPOLYMER COMPOSITIONS AND METHODS OF MAKING AND USING THE SAME

(51) International classification :C08F20/68,C08F210/14,C10M145/08
(31) Priority Document No :61/783083
(32) Priority Date :14/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/023530
Filing Date :11/03/2014
(87) International Publication No :WO 2014/150533
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)RIZVI Syed Q.**
**2)TINDALL Debra**
**3)HATEGAN Georgeta**
**4)COUNTER Kristine**

(57) Abstract :
Copolymers of alpha olefins are generally disclosed including methods of making such copolymers. In some embodiments copolymers of alpha olefins and certain unsaturated ester compounds are also disclosed including methods of making such copolymers. Lubricant compositions including copolymers of alpha olefins are also disclosed as well as methods of using such compositions in certain lubricant applications.

No. of Pages : 86 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2015

(21) Application No.6784/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : TREATED METATHESIS SUBSTRATE MATERIALS AND METHODS OF MAKING AND USING THE SAME

(51) International classification :C10G3/00,C07C6/02,C11B1/02
(31) Priority Document No :61/784321
(32) Priority Date :14/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/026535
Filing Date :13/03/2014
(87) International Publication No :WO 2014/160417
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)COHEN Steven A.**
**3)FRATER Georg E.**
**4)ONDI Levente**
**5)VARGA Jeno**

(57) Abstract :
A method for treating a substrate prior to a metathesis reaction includes treating the substrate with a first agent configured to mitigate potentially adverse effects of one or more contaminants in the substrate on a catalyst used to catalyze the metathesis reaction. The treating reduces a level of the one or more contaminants by an amount sufficient to enable the metathesis reaction to proceed at a substrate to catalyst molar ratio of at least about 7 500 to 1. Methods for metathesizing substrates are described.

No. of Pages : 109 No. of Claims : 59

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2015

(21) Application No.6785/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SHAVING CARTRIDGES HAVING LUBRICATION MEMBERS

(51) International classification :B26B21/44
(31) Priority Document No :29/446936
(32) Priority Date :28/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/055331
Filing Date :16/08/2013
(87) International Publication No :WO 2014/133581
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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**2)CATAUDELLA Matthew Corey**
**3)WASHINGTON Jack Anthony**

(57) Abstract :
A shaving blade unit (10) with a housing (18) having a bottom surface (52) and a top surface (60) defining a pair of elongated spaced apart apertures (64 66) extending from the top surface to the bottom surface. At least one blade (20) is mounted to the housing. The blade has a blade edge (21) extending generally parallel to the pair of apertures. A solid polymeric lubrication member (25) having an upper skin contact surface (40) and an opposing base (50). A pair protrusions (54 56) extend from the base. Each protrusion has an enlarged distal end (58 59). The enlarged distal ends of the protrusions each have a dimension greater than a dimension of the corresponding aperture whereby inserting the protrusion into the corresponding aperture deflects a front wall (68) of the housing and each of the enlarged distal ends engage the bottom surface of the housing. The solid polymeric lubrication member and the enlarged distal ends are molded from a water soluble polymer.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7086/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CLEANING DEVICE •

(51) International classification :A47J
(31) Priority Document No :2010-030401
(32) Priority Date :15/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/000802
Filing Date :14/02/2011
(87) International Publication No :WO 2011/099307
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)HIDEKI MATSUMOTO**
**2)MASASHI OHTA**

(57) Abstract :
Provided is a cleaning device having a compact structure. A recovery unit (17) is configured such that dust collection boxes (76, 77) are disposed with respect to a cleaning brush (6) and a metallic roller (7), respectively. A cleaning blade (9) is fixed to a blade holder (79) via a bolt (78). When the recovery unit (17) is incorporated in a frame unit, the recovery unit (17) is moved in a predetermined direction so as to be brought into contact with a positioning section (14Bbb) of a side plate 14B of the frame unit (11). When the recovery unit (17) is moved, a fixing bolt (85) is loosened so that a straight portion (86a) of a fixed washer (86) is aligned with the vertical direction, and then, the fixing bolt (85) is tightened so that the recovery unit is fixed. On the other hand, when the recovery unit (17) is fixed, the fixing bolt (85) is loosened so that the straight portion of the fixed washer (86) is aligned with the horizontal direction, and then, the fixing bolt is tightened so that the recovery unit is fixed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4662/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PHARMACEUTICAL SUBSTANCES ON THE BASIS OF MITOCHONDRIALLY ADDRESSED ANTIOXIDANTS

(51) International classification :C07C 50/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/RU2009/000621
Filing Date :13/11/2009
(87) International Publication No :WO 2011/059355
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**4)EFREMOV EVGENY STEPANOVICH**
**5)TASHLITSKY VADIM NERONOVICH**
**6)YAGUZHINSKY LEV SERGEEVICH**
**7)KORSHUNOVA GALINA ANATOLIEVNA**
**8)SUMBATYAN NATALYA VLADIMIROVNA**
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**10)SEVERINA, INNA ISAAKOVNA**
**11)CHERNYAK BORIS VIKTOROVICH**

(57) Abstract :
This invention relates to the fields of pharmaceutics and medicine, and, in particular, relates to the production and use of pharmaceutical substances on the basis of mitochondria-addressed compounds. The invention discloses methods for synthesis, purification and storage of mitochondria-addressed antioxidants, making it possible to produce said substances in a form and quality meeting the demands made on active ingredients of medicinal preparations - the pharmaceutical substances. The invention also discloses methods for design and selection of new mitochondria-addressed antioxidants having specified properties.

No. of Pages : 79 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4663/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CIRCUIT BOARD

(51) International classification :H05K 1/00
(31) Priority Document No :0920917.2
(32) Priority Date :27/11/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/051950
Filing Date :23/11/2010
(87) International Publication No :WO 2011/064573
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)MURRAY JEREL NIMAN**

(57) Abstract :
A multilayer circuit board, comprising: a plurality of printed circuit board layers arranged stacked together; and a conductively plated via passing through at least one of the printed circuit board layers in a direction hereinafter referred to as the via direction; wherein a surface of a further one of the printed circuit board layers comprises a conducting region surrounding a non-conducting region; the non-conducting region is substantially centred around a point on the surface of the further printed circuit board layer where the via direction intersects the surface; a back-drilled hole passes through the point on the surface; and a smallest width dimension, that includes the point on the surface, of the non-conducting region (e.g. diameter) is greater than the diameter of the back-drilled hole. (Figure 9)

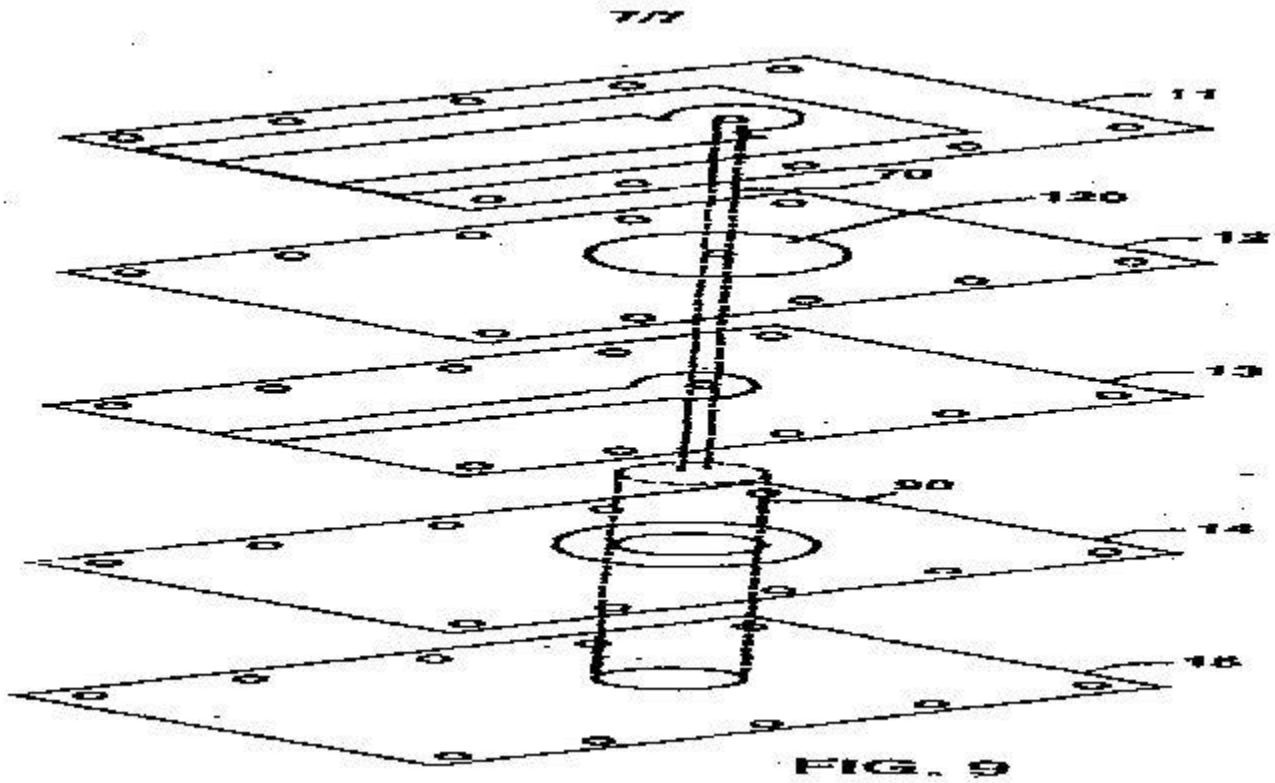


FIG. 9

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4664/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MOLD FOR A CENTRIFUGAL IMPELLER, MOLD INSERTS AND METHOD FOR BUILDING A CENTRIFUGAL IMPELLER

(51) International classification :F04D 29/22
(31) Priority Document No :C02009A000050
(32) Priority Date :23/11/2009
(33) Name of priority country :Italy
(86) International Application No :PCT/US2010/057626
Filing Date :22/11/2010
(87) International Publication No :WO 2011/063334
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**2)GIOVANNETTI, IACOPO**
**3)MASSINI, ANDREA**
**4)AKSEL, BULENT**
**5)LANAUD, CHRISTOPHE**
**6)OFLYNN, JULIAN**
**7)FINN, SCOTT**

(57) Abstract :
A mold to build a centrifugal impeller for a turbomachine characterized in that it comprises at least an annular insert (110) able to reproduce an annular assembly of aerodynamic vanes (13) of a finished impeller; said annular insert (110) being used to form aerodynamic vanes (13) and such that it can be readily removed from said mold during the molding process.

No. of Pages : 42 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012
(21) Application No.7078/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ABSORPTION ENHANCERS FOR DRUG AMINISTRATION

(51) International classification :A61K 38/21
(31) Priority Document No :60/604,296
(32) Priority Date :25/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/016944
Filing Date :11/05/2005
(87) International Publication No :WO 2006/025882
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2126/DELNP/2007
Filed on :19/03/2007

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**2)AEGIS THERAPEUTICS LLC**
(72)**Name of Inventor :**
**1)MEEZON, ELIAS;**
**2)PILLION, DENNIS, J;**
**3)MAGGIO, EDWARD, T.**

(57) Abstract :
A composition including a surfactant and at least one alkyl glycoside and/or saccharide alkyl ester and a drug. The surfactant composition(s) when admixed with a drug is non-toxic and non-irritating, while stabilizing and increasing the bioavailability of the drug. The invention also provides compositions that enhance absorption of drugs via the oral, ocular, nasal, nasolacrimal, inhalation or pulmonary, oral cavity (sublingual or Buccal cell) or CSF delivery route of a patient, including but not limited to insulin, glucagon and exendin-4.

No. of Pages : 71 No. of Claims : 138

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012

(21) Application No.7079/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR PREPARING TETRAZOLE METHANESULFONIC ACID SALTS AND NOVEL COMPOUND USED IN SAME

| | |
|---|---|
| (51) International classification | :C07D405/14,C07D403/02,C07D417/12 |
| (31) Priority Document No | :1020100003835 |
| (32) Priority Date | :15/01/2010 |
| (33) Name of priority country | :Republic of Korea |
| (86) International Application No<br>Filing Date | :PCT/KR2011/000291<br>:14/01/2011 |
| (87) International Publication No | :WO 2011/087316 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

(71)**Name of Applicant :**
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**2)PARK Bum Woo**
**3)CHOI Jong Won**
**4)LEE Jae Chul**
**5)AN Yong Hoon**
**6)AHN Young Gil**
**7)KIM Maeng Sup**

(57) Abstract :
According to the present invention, a method for preparing tetrazole methanesulfonic acid salts comprises an acylation reaction using a novel 4-iodine-4H-chromene-2-carbothionic acid S-benzothiazole -2 -yl ester. The method of the present invention can shorten a reaction time and improve safety as compared t o conventional methods, and can prepare high-purity tetrazole methanesulfonic acid salts at a high yield rate without using a column chromatography method.

No. of Pages : 27 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2012

(21) Application No.5578/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : STABILISED COMPOSITIONS OF FACTOR VII POLYPEPTIDES

(51) International classification :A61K 38/36
(31) Priority Document No :PA 2003 01901
(32) Priority Date :19/12/2003
(33) Name of priority country :Denmark
(86) International Application No :PCT/EP2004/053587
Filing Date :17/12/2004
(87) International Publication No :WO 2005/058283
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :3284/DELNP/2006
Filed on :07/06/2006

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(72)**Name of Inventor :**
**1)HANSEN, BIRTHE, LYKKEGAARD**
**2)JENSEN, MICHAEL, BECH**
**3)KORNFELT, TROELS**

(57) Abstract :
The invention relates to chemically as well as physically stable kits and compositions comprising polypeptides, in particular Factor VII or Factor VII-related polypeptides, such that these compositions can be stored, handled and used at room temperature.

No. of Pages : 97 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2015

(21) Application No.6773/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MACROCYCLIC BENZOFURAN AND AZABENZOFURAN COMPOUNDS FOR THE TREATMENT OF HEPATITIS C

(51) International classification :C07D491/04,A61K31/34,C07D498/04
(31) Priority Document No :61/750967
(32) Priority Date :10/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/010579
Filing Date :08/01/2014
(87) International Publication No :WO 2014/110066
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)WANG Tao**
**2)ZHANG Zhongxing**
**3)KADOW John F.**

(57) Abstract :
Compounds of formula I including their salts as well as compositions and methods of using the compounds are set forth. The compounds have activity against hepatitis C virus (HCV) and may be useful in treating those infected with HCV.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2015

(21) Application No.6774/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : POSITIVE ALLOSTERIC MODULATORS AND SILENT ALLOSTERIC MODULATORS OF THE OPIOID RECEPTOR

(51) International classification :G01N33/566
(31) Priority Document No :61/748946
(32) Priority Date :04/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/077018
Filing Date :20/12/2013
(87) International Publication No :WO 2014/107344
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)BRISTOL MYERS SQUIBB COMPANY**
Address of Applicant :Route 206 and Province Line Road Princeton New Jersey 08543 4000 U.S.A.
(72)**Name of Inventor :**
**1)BURFORD Neil**
**2)ALT Andrew**

(57) Abstract :
Disclosed are positive allosteric modulators (PAMs) and silent allosteric modulators (SAMs) for mu (μ ) opioid receptors that may be useful for the treatment of pain either alone or in combination with orthosteric opioid receptor agonists. Methods for treating pain and modulating mu (μ ) opioid receptors are also disclosed.

No. of Pages : 56 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2015

(21) Application No.6775/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CONTROLLING REFRIGERATION APPLIANCES WITH A PORTABLE ELECTRONIC DEVICE

(51) International classification :F25D29/00,F25D11/00,F25D23/00
(31) Priority Document No :61/760925
(32) Priority Date :05/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/014636
Filing Date :04/02/2014
(87) International Publication No :WO 2014/123881
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)TRUE MANUFACTURING COMPANY INC.**
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(72)**Name of Inventor :**
**1)BROADBENT John Allen**

(57) Abstract :
A method of interacting with a refrigeration appliance using a portable electronic device wherein the refrigeration appliance comprises a refrigeration system comprising one or more refrigeration components and a controller adapted to control the one or more refrigeration components and wherein the portable electronic device comprises an application for interacting with the controller of the refrigeration appliance. The method comprising the steps of positioning the portable electronic device in proximity to the refrigeration appliance establishing a wireless communication connection between the refrigeration appliance and the portable electronic device and displaying information on the portable electronic device corresponding to the refrigeration appliance to which the portable electronic device is connected.

No. of Pages : 132 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2015

(21) Application No.6776/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : BALANCER AND WASHING MACHINE HAVING THE SAME

(51) International classification :D06F37/20,F16F15/32
(31) Priority Document No :1020130000985
(32) Priority Date :04/01/2013
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/012197
Filing Date :26/12/2013
(87) International Publication No :WO 2014/107004
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**1)JUNG Dong Ha**
**2)KANG Jeong Hoon**
**3)KIM Min Sung**
**4)RYU Doo Young**

(57) Abstract :
There is provided a balancer and a washing machine having the same. The washing machine includes a cabinet a drum rotatably arranged within the cabinet an annular recess provided in the drum and a balancer to offset an unbalanced load caused within the drum during rotation of the drum. The balancer includes a balancer housing mounted to the recess and has an annular channel therein at least one mass movably disposed in the channel and at least one groove formed on an inner surface of the balancer housing and accommodating the mass so as to restrict the mass moving along the channel when an RPM of the drum is within a specific RPM range.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7082/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PHOTOVOLTAIC DEVICE WITH GRADED BUFFER LAYER •

(51) International classification :G01N
(31) Priority Document No :61/310,757
(32) Priority Date :05/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/026137
Filing Date :24/02/2011
(87) International Publication No :WO 2011/109228
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)FIRST SOLAR INC.**
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(72)**Name of Inventor :**
**1)MARKUS E. BECK**

(57) Abstract :
A photovoltaic device can include a graded bandgap buffer layer.

No. of Pages : 33 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7083/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : APPARATUS AND METHOD TO OBTAIN CLINICAL OPHTHALMIC HIGH ORDER OPTICAL ABERRATIONS •

(51) International classification :A61B
(31) Priority Document No :61/303,753
(32) Priority Date :12/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/024523
Filing Date :11/02/2011
(87) International Publication No :WO 2011/100544
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)BRUCE M. PIXTON**
**2)JOHN E. GRIEVENKAMP JR.**
**3)GREGORY A. WILLIBY**
**4)RUSSELL SPAULDING**

(57) Abstract :
An apparatus and method to improve the prescribing of customized ophthalmic corrections which contain higher order aberration. The apparatus enables the subjective measurement of higher order aberrations such as spherical aberration which can be used as part of the prescription for customized ophthalmic corrections.

No. of Pages : 39 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2015

(21) Application No.6786/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : WET SHAVING RAZOR

(51) International classification :B26B21/52,B26B21/40,A45D27/22
(31) Priority Document No :13/771993
(32) Priority Date :20/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/015534
Filing Date :10/02/2014
(87) International Publication No :WO 2014/130278
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)STEVENS Christopher John**
**2)WARRICK Paul Leslie**

(57) Abstract :
A combination shaving and trimming device (10) includes a powered trimmer (30) and a wet shaving razor attachment (20) adapted for mounting over the trimmer. The wet shaving razor attachment includes a connecting member (22) for mounting over the trimmer for wet shaving using the trimmer as the handle. A grip insert (72) is provided that removably attaches to the connecting member for wet shaving independent of the trimmer. The combination shaving and trimming device and the grip insert include alignment guides (92) providing one way attachment of the connecting member to the trimmer as well as one way attachment of the grip insert to the connecting member.

No. of Pages : 36 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2015
(21) Application No.6787/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CONDUCTIVE FILM DISPLAY DEVICE PROVIDED WITH SAME AND METHOD FOR EVALUATING CONDUCTIVE FILM

(51) International classification :G09F9/00,B32B3/24,B32B7/02
(31) Priority Document No :2013020775
(32) Priority Date :05/02/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/051525
Filing Date :24/01/2014
(87) International Publication No :WO 2014/123009
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)IWAMI Kazuchika**

(57) Abstract :
A conductive film has a transparent substrate and a conductive portion having a wiring pattern. At least from one perspective the wiring pattern has a moir evaluation index of less than or equal to a prescribed value. The moir evaluation index is calculated from a moir evaluation value obtained by applying the effect of human visual response characteristics in accordance with the observation distance to a moir strength at each moir frequency at or below a maximum moir frequency which is determined according to the display resolution of a display unit at a moir frequency and strength respectively calculated from the peak frequency and peak strength of prescribed data and from the peak frequency and peak strength of another prescribed data.

No. of Pages : 71 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2015

(21) Application No.6788/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : VALVE SOUND REDUCING TRIM ASSEMBLY WITH PRESSURE RELIEF MECHANISM

(51) International classification :F16K47/08
(31) Priority Document No :13/733619
(32) Priority Date :03/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/010039
Filing Date :02/01/2014
(87) International Publication No :WO 2014/107492
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**2)HANUSA Matthew W.**
**3)WEYER Thomas L.**
**4)ROPER Daniel G.**
**5)MCKINNEY Harold J.**

(57) Abstract :
A cage (22 122 222 322) for a control valve trim assembly includes a cage body having an opening at one end and a wall (38 138 238 338) extending from the opening a plurality of cage openings (40 140 240 340) disposed in the wall and a pressure relief mechanism (382) disposed in the cage wall.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2015

(21) Application No.6789/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HANDLE FOR A SHAVER

(51) International classification :B26B21/52
(31) Priority Document No :61/766928
(32) Priority Date :20/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/017234
Filing Date :20/02/2014
(87) International Publication No :WO 2014/130595
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)CHRISTIE Vanessa**
**2)SZCZEPANOWSKI Andrew Anthony**
**3)EAGLETON Christopher Raymond**

(57) Abstract :
A hand held device with a handle comprising a gripping portion having a top surface comprising a series of overlapping rings elements.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7090/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND APPARATUS FOR DRY-CONVEYING MATERIAL FOR DRY GUNNING APPLICATION

(51) International classification :B41C
(31) Priority Document No :61/315,206
(32) Priority Date :18/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/028633
Filing Date :16/03/2011
(87) International Publication No :WO/2011/116068
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)JAMES W. STENDERA**

(57) Abstract :
A method and apparatus for conveying dry material for a gunning application make use of a rotary air lock in communication with a material source and an inductor. The material is supplied through the rotary air lock to the inductor under a pressure greater than the outlet pressure of the inductor.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7091/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : BIMODAL NEODYMIUM-CATALYZED POLYBUTADIENE

(51) International classification :C08F
(31) Priority Document No :10154132.4
(32) Priority Date :19/02/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/052330
Filing Date :17/02/2011
(87) International Publication No :WO 2011/101399
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)HEIKE KLOPPENBURG**
**2)THOMAS GRO**

(57) Abstract :
The invention relates to a high molecular weight bimodal neodymium-catalysed polybutadiene having a high proportion, > 95%, of cis-1,4 units and a low proportion, < 1%, of 1,2-vinyl content, wherein the polybutadiene has a linear polymeric main fraction and a long chain branched polymeric fraction, wherein the slope in the RGM relationship is > 0.5 for the polymeric main fraction and < 0.3 for the long chain branched polymeric fraction.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.4689/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PROCESS FOR PREPARING 4-NITRO-OXY-METHYL-BENZOIC ACID

(51) International classification :C07C 201/02
(31) Priority Document No :P 200931000
(32) Priority Date :16/11/2009
(33) Name of priority country :Spain
(86) International Application No :PCT/EP2010/067444
Filing Date :15/11/2010
(87) International Publication No :WO 2011/058162
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)NICOX S.A.**
(72)**Name of Inventor :**
**1)LUIS ANGLADA**
**2)ALBERT PALOMER**
**3)LUIS SOBRAL**

(57) Abstract :
This invention relates to a new process for preparing 4-nitro-oxy-methyl-benzoic acid, comprising the following steps: a) reaction of 4-chloromethyl-benzoic acid with silver nitrate and in the presence of an acid as a catalyst in acetonitrile at reflux temperature, followed by cooling and adding of a polar aprotic solvent; b) separation of the silver salts by filtration, followed by washout with a polar aprotic solvent; c) precipitation of the 4-nitro-oxy-methyl-benzoic acid with water from the filtrate obtained in step b); and d) drying of the 4-nitro-oxy-methyl-benzoic acid.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2015

(21) Application No.6778/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HALOGEN FREE FLAME RETARDANT INSULATED WIRE AND HALOGEN FREE FLAME RETARDANT INSULATED TUBE

(51) International classification :H01B7/295,C08K3/22,C08K5/29
(31) Priority Document No :2013212231
(32) Priority Date :09/10/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/068777
Filing Date :15/07/2014
(87) International Publication No :WO 2015/052971
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)FUJITA Taro**
**2)NISHIKAWA Shinya**
**3)HAYAMI Hiroshi**
**4)OCHI Yuji**
**5)HORI Kenji**

(57) Abstract :
Provided are: a halogen free flame retardant insulated wire which has a good balance among insulation resistance wear resistance thermal deformation resistance and the like at high levels and exhibits hot water resistance and flame retardancy satisfying the international standards even if an insulating coating thereof is thin; and a halogen free flame retardant insulated tube which has a good balance among insulation resistance wear resistance thermal deformation resistance and the like at high levels and exhibits excellent flame retardancy and hot water resistance even if formed thin. A halogen free flame retardant insulated wire which comprises a conductor and an insulating coating and wherein the insulating coating is a crosslinked product of a polyester resin composition that contains 100 parts by mass of a modified polyester resin from 5 parts by mass to 50 parts by mass (inclusive) of a halogen free flame retardant and from 0.1 part by mass to 5 parts by mass (inclusive) of an ion scavenger; and a halogen free flame retardant insulated tube which has the same configuration as the insulating coating.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2015
(21) Application No.6779/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND SYSTEM FOR IMAGE PROCESSING

(51) International classification :G06K9/34
(31) Priority Document No :13/779096
(32) Priority Date :27/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/016195
Filing Date :13/02/2014
(87) International Publication No :WO 2014/133769
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)GURBUZ Sabri**

(57) Abstract :
Various aspects of a system and method for image processing may include a computing device having one or more processors. The computing device may be operable to determine luminance values of multiple pixels in a subset of a frame of a two dimensional image. The computing device may be operable to determine texture values of the multiple pixels in the subset of the frame. The computing device may be operable to identify a subject region and a background region in the frame of the two dimensional image based on the determined luminance values and the determined texture values of the plurality of pixels.

No. of Pages : 50 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7095/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ISOMERIZATION OF SUGARS

(51) International classification :C12P
(31) Priority Document No :61/295,637
(32) Priority Date :15/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/021301
Filing Date :14/01/2011
(87) International Publication No :WO 2012/050625
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)MOLINER-MARIN Manuel**
**2)ROMAN-LESHKOV Yuriy**
**3)DAVIS Mark E.**
**4)NIKOLLA Eranda**

(57) Abstract :
Disclosed are processes for isomerizing saccharides. Also disclosed are processes for converting saccharides to furan derivatives. Also disclosed are processes for converting starch to furan derivatives.

No. of Pages : 68 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7096/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PIPE SEALING TOOL WITH EXTERNAL AND INTERNAL CLAMP

(51) International classification :F16L55/115,B23K37/00,F16L55/00
(31) Priority Document No :12/715168
(32) Priority Date :01/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2011/050122
Filing Date :01/03/2011
(87) International Publication No :WO 2011/106894
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)CAR BER INVESTMENTS INC.**
Address of Applicant :128 Kendall Street Point Edward Ontario N7V 4G5 Canada
(72)**Name of Inventor :**
**1)CARSON Glenn**

(57) Abstract :
An apparatus for sealing an open end of a pipe includes an external clamp for frictionally being secured to the exterior surface of the pipe and an internal clamp for frictionally being secured to the interior surface of the pipe. The apparatus further includes a means for pressurizing the interior of the pipe.

No. of Pages : 56 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6800/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COMPACT HAND HELD DEVICE

(51) International classification :B26B21/52
(31) Priority Document No :61/766792
(32) Priority Date :20/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/014587
Filing Date :04/02/2014
(87) International Publication No :WO 2014/130232
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)EAGLETON Christopher Raymond**
**2)ROYLE Terence Gordon**
**3)WELLS Rosanna Elizabeth**

(57) Abstract :
A razor with a relatively short or small handle (200) comprising a substantially flat disc shaped substrate (500) which preferably includes an elastomeric material retained in a substrate retaining member (420). The razor handle is compact and disc shaped in nature such that it allows for varying gripping positions by opposing fingers. The razor handle is small and versatile such that it can be easily stored in an enclosable case (800).

No. of Pages : 25 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6801/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DUST COLLECTION APPARATUS DUST COLLECTION SYSTEM AND DUST COLLECTION METHOD

(51) International classification :B03C3/41,B03C3/40,B03C3/47
(31) Priority Document No :PCT/JP2013/052932
(32) Priority Date :07/02/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/052802
Filing Date :06/02/2014
(87) International Publication No :WO 2014/123202
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)KOJIMA Katsuhisa**
**2)TOMIMATSU Kazutaka**
**3)KATO Masaya**
**4)TANAKA Takao**

(57) Abstract :
The object of the present invention is to provide a dust collection system a dust collection method and a dust collection apparatus capable of increasing dust collecting efficiency while reducing the volume of the apparatus as a whole. A dust collection apparatus (1) is provided with: a casing (4) having an inlet into which gas is introduced; a discharge electrode (2) to which voltage is applied the discharge electrode (2) being disposed inside the casing (4) and having a needle shaped discharge needle (18) and attachment frames (5) for supporting the discharge needle (18); and a dust collection electrode (3) having a plate shaped member (6) disposed inside the casing (4) facing the discharge electrode (2) the attachment frames (5) being set at a slant in relation to the gas flow at the inlet. Two attachment frames (5) are connected to each other on the downstream side of the gas flow and are arranged so that between the two attachment frames (5) the upstream side of the gas flow is wider than the downstream side of the gas flow.

No. of Pages : 39 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6802/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : BATTERY SYSTEM

(51) International classification :H01M10/48,G01R31/36,H02J7/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2013/000581
Filing Date :01/02/2013
(87) International Publication No :WO 2014/118824
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)TAKAHASHI Kenji**
**3)NISHI Yuji**
**4)TASHIRO Hiroki**

(57) Abstract :
In addition to ion concentration bias between electrodes other factors influence the degradation state and charging state of a secondary battery. [Solution] This battery system includes a secondary battery (1) that is subject to charging and discharging; and a controller (300) that estimates the degradation state or charging state of the secondary battery. When estimating the degradation state or the charging state the controller utilizes the average ion concentration between a positive electrode and a negative electrode. The average ion concentration varies depending on the current flowing through the secondary battery. The inter electrode average ion concentration can be calculated using an arithmetic expression that includes the surface pressure of the secondary battery as a variable. The surface pressure of the secondary battery can be detected using a pressure sensor. The surface pressure of the secondary battery can also be estimated from the current flowing through the secondary battery.

No. of Pages : 107 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6803/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PYRROLO [2 3 D]PYRIMIDINE DERIVATIVES AS INHIBITORS OF JANUS RELATED KINASES (JAK)

(51) International classification :C07D487/04,A61K31/519,C07D519/00
(31) Priority Document No :61/767947
(32) Priority Date :22/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2014/058889
Filing Date :11/02/2014
(87) International Publication No :WO 2014/128591
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)FENWICK Ashley Edward**
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**5)JOHNSON Timothy Allan**
**6)KAILA Neelu**
**7)MITTON FRY Mark J.**
**8)STROHBACH Joseph Walter**
**9)TENBRINK Ruth E.**
**10)TRZUPEK John David**
**11)UNWALLA Rayomand Jal**
**12)VAZQUEZ Michael L.**
**13)NA**

(57) Abstract :
Described herein are pyrrolo{2 3 d}pyrimidine derivatives their use as Janus Kinase (JAK) inhibitors and pharmaceutical compositions containing them.

No. of Pages : 99 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7110/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COMPOSITIONS FOR RISER AND PLENUM CABLES

(51) International classification :C08L27/06,C08K3/22,C08K5/12
(31) Priority Document No :61/304223
(32) Priority Date :12/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/024581
Filing Date :11/02/2011
(87) International Publication No :WO 2011/100584
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)ABU ALI Amjad F.**
**2)SZYLAKOWSKI Gregg R.**
**3)ALBRINCK Alice C.**

(57) Abstract :
The present invention relates to materials for making cable jackets, particularly riser and plenum cables. The mate rials provide low ilammability and allow the cable to meet UL 910 or NFPA 262 or UL 1666 specifications. The material contains PVC resin, a plasticizer, a metal oxide particle, and optionally a brominated phthalate. Preferably, the metal oxide particle is spherical amorphous silicon dioxide. More preferably, the spherical amorphous silicon dioxide has a mean particle size of about 100-200 nm and/or a BET surface area of about 10-30 m2/g. The metal oxide particle is also preferably metal oxide particle nonporous, non-ionic, and/or non-hydrated.

No. of Pages : 16 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6807/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ANTENNA DEVICE FOR PORTABLE TERMINAL

(51) International classification :H01Q5/10,H01Q1/24
(31) Priority Document No :1020130010477
(32) Priority Date :30/01/2013
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2014/000783
Filing Date :28/01/2014
(87) International Publication No :WO 2014/119897
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**2)PARK Sung Koo**
**3)LEE Kyung Jae**
**4)BYUN Joon Ho**

(57) Abstract :
An antenna device of a portable terminal including conductive components is provided. The antennadevice includes a first radiator connected to a power feeding unit of the portable terminal and a second radiator connected to each of the power feeding unit and a ground part of the portable terminal. At least one of the conductive components is connected to at least one the first radiator and the second radiator. The conductive components may be used as a radiator of the antenna device such that the antenna device may be easily installed within an inner space of a miniaturized and lightened portable terminal and the inner space of the portable terminal may be efficiently used.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015
(21) Application No.6808/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SINGLE SCREEN MULTIPLE TIER MOVING PICTURE THEATER HAVING SEPARATE SERVICE CLASS SECTIONS

(51) International classification :E04H3/30
(31) Priority Document No :61/793455
(32) Priority Date :15/03/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2014/059693
Filing Date :12/03/2014
(87) International Publication No :WO 2014/141102
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)RAMIREZ MAGA'A Enrique**

(57) Abstract :
A mixed class service multiple tier theater that allows different patrons attending the same movie to experience differing levels of service depending on how much they wish to pay. There are two tiers for seating. The upper tier would be for regular stadium style seating while the lower tier would be for VIP seating with fully reclining seats. The lower and upper tiers are completely separated each offering its own ingress/egress access with a balcony overhang from the upper tier cantilevered over the lower tier.

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6809/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CROSS REFERENCE TO RELATED APPLICATION(S)

(51) International classification :G02F1/1333,G02F1/13357
(31) Priority Document No :61/762410
(32) Priority Date :08/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2014/001010
Filing Date :06/02/2014
(87) International Publication No :WO 2014/123366
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)LEE Dae Hee**
**4)JANG Kyoung Choul**
**5)CHOI Hyeong Sik**

(57) Abstract :
One or more exemplary embodiments provide a fixing device of a diffusing plate which may fix the diffusing plate using a fixing member in a stud shape to prevent movement of the diffusing plate and prevent development of dark areas on the diffusing plate by providing a reflective portion to a fixing member in order to provide best quality images and a display apparatus having the same.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7107/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ARTICULATED PRE SKIMMER MOUNT

(51) International classification :E21C27/00,E21B21/01,E02B15/04
(31) Priority Document No :61/304949
(32) Priority Date :16/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/024711
Filing Date :14/02/2011
(87) International Publication No :WO 2011/103051
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)CONNELL Stuart A.**

(57) Abstract :
An articulated pre-skimmer mount for a pre-skimmer associated with a drill bit feed unit comprises a feed mounting arm mounted to the drill bit feed unit. A first end is configured for attachment to the drill feed unit and a second end includes a cylindrical mounting shaft and an axial positioning plate. An intermediate arm has a first end comprising a cylindrical sleeve mounted thereto. The cylindrical sleeve has an inner cylindrical opening configured for sliding engagement with the cylindrical mounting shaft and a mating plate configured for locking face to face engagement with the axial positioning plate. A second end comprises a pre-skimmer mounting assembly configured for attachment to the pre-skimmer wherein an axial positioning plate and a mating plate are operable to disengage for rotation of the intermediate arm about an axis of the feed mounting arm for alignment of the pre-skimmer.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7108/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : STABLE SOLUTION

(51) International classification :A61K35/16,G01N33/49
(31) Priority Document No :10501245
(32) Priority Date :08/02/2010
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2011/050144
Filing Date :08/02/2011
(87) International Publication No :WO 2011/096887
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)FAX„LV Lars**

(57) Abstract :
The present invention relates to a stable solution comprising a stable solution without coagulation factor XII and with a defined amount of ionized calcium. The stable solution may be used as control material for coagulation analysis. Further a method for producing said stable solution as well as methods for assessing coagulation system status in a subject and kits is encompassed herein.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6799/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : APPARATUS FOR CLOSING AND SEALING THE OPEN END OF A PIPE

(51) International classification :G01N3/12
(31) Priority Document No :61/760515
(32) Priority Date :04/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2014/000079
Filing Date :03/02/2014
(87) International Publication No :WO 2014/117262
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**2)BLAIR Tom**
**3)UZONYI Dave**

(57) Abstract :
The tool comprises a front plate for closing the open end of a pipe. A pair of clamping devices are positioned around the pipe and frictionally engage its outer surface. Nut and bolt assemblies connect the front plate with the clamps. These assemblies pull the front plate tight against the pipe end face. A back plate is positioned transversely within the bore of the pipe. The plate has a stem that slidably projects forwardly through a central aperture in the front plate. The back plate carries an O ring. A nut is threaded onto the stem and functions to draw the back plate forward so that the O ring seals the interface of the front plate and pipe end face.

No. of Pages : 13 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012
(21) Application No.7100/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COAXIAL AIR TO AIR HEAT EXCHANGER FOR CIRCUMFERENTIAL WINDOW FRAME INSTALLATION

(51) International classification :F24F7/08,F24F12/00,E06B7/10
(31) Priority Document No :P.390218
(32) Priority Date :18/01/2010
(33) Name of priority country :Poland
(86) International Application No :PCT/PL2010/000033
Filing Date :30/04/2010
(87) International Publication No :WO 2011/087381
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)KLIMASZEWSKI Jacek Olaf**

(57) Abstract :
The circumferential and coaxial heat exchanger consisting of frame ducts for supplied and discharged air as well as fans is characterized in that it is made up of at least one internal diaphragm (1) situated coaxially with the external enclosure (2) and separating at least two tightly divided coaxial ducts (3) and (4) for the supplied and discharged air. The internal diaphragm (1) separating the air ducts (3) and (4) is made of material combining high thermal conductivity resistance to corrosion and adequate strength parameters (preferably aluminium alloys) and the shape of its cross section is corresponding to the to the shape of external enclosure (2).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7101/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : POLYNUCLEOTIDE MOLECULES FOR GENE REGULATION IN PLANTS

| | |
|---|---|
| (51) International classification | :C12P19/34,C07H21/04,C12N15/113 |
| (31) Priority Document No | :61/311762 |
| (32) Priority Date | :08/03/2010 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No<br>Filing Date | :PCT/US2011/027528<br>:08/03/2011 |
| (87) International Publication No | :WO 2011/112570 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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**3)LIU Hong**
**4)WANG Dafu**
**5)FENG Paul C.c.**
**6)KOURANOV Andrei Y.**
**7)ANDERSEN Scott E.**

(57) Abstract :
This invention provides polynucleotide molecules and methods for regulating genes in plants by providing RNA for systemic regulation of genes. Various aspects of the invention provide polynucleotide molecules and methods for regulating endogenous genes and transgenes in a plant cell and polynucleotide molecules.

No. of Pages : 311 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7102/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS OF SPIRO OXINDOLE COMPOUND FOR TOPICAL ADMINISTRATION AND THEIR USE AS THERAPEUTIC AGENTS

| | |
|---|---|
| (51) International classification | :A61K9/06,A61K31/407,A61K9/00 |
| (31) Priority Document No | :61/308759 |
| (32) Priority Date | :26/02/2010 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No<br>Filing Date | :PCT/US2011/026359<br>:25/02/2011 |
| (87) International Publication No | :WO 2011/106729 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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**2)YANG Meidong**
**3)CHEN Haigang**

(57) Abstract :
This invention is directed to pharmaceutical compositions for topical administration to a mammal wherein the pharmaceutical compositions comprise a spiro oxindole compound as an enantiomer a racemate or a non racemic mixture or a pharmaceutically acceptable salt thereof. These pharmaceutical compositions are useful for the treatment and/or prevention of sodium channel mediated diseases or conditions.

No. of Pages : 53 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7103/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DISTRIBUTED FAILURE RECOVERY IN A ROUTED ETHERNET NETWORK

(51) International classification :H04L29/14,H04L12/28
(31) Priority Document No :61/318123
(32) Priority Date :26/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2011/000288
Filing Date :18/03/2011
(87) International Publication No :WO 2011/116460
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)SMITH Peter Ashwood**

(57) Abstract :
Link identifiers such as VIDs selected from a defined range of values are locally assigned by each node on a link state protocol controlled Ethernet network to each of its links or adjacencies. The link identifiers are assigned by the nodes such that each link or adjacency at the node is uniquely identified by a different link identifier. A link state protocol adjacency notification mechanism or other flooding mechanism is used to disseminate the locally assigned link identifiers to other nodes on the link state protocol controlled Ethernet network. The link identifiers are added by the nodes to their topology databases to enable detour routes to be locally calculated by the nodes on the network in a distributed manner. Upon occurrence of a failure the link identifiers are used to source route traffic around the failure so that traffic may continue to traverse the link state protocol controlled Ethernet network.

No. of Pages : 34 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6811/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AGE HARDENING STEEL

(51) International classification :C22C38/00,C22C38/60,C21D8/06
(31) Priority Document No :2013207125
(32) Priority Date :02/10/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/076260
Filing Date :01/10/2014
(87) International Publication No :WO 2015/050151
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)YUYA Masato**
**2)HIGASHIDA Masashi**
**3)MATSUMOTO Hitoshi**
**4)HASEGAWA Tatsuya**
**5)NEISHI Yutaka**
**6)MAKINO Taizo**

(57) Abstract :
An age hardening steel having a chemical composition containing 0.05 to 0.20% of C 0.01 to 0.50% of Si 1.5 to 2.5% of Mn 0.005 to 0.08% of S 0.03 to 0.50% of Cr 0.005 to 0.05% of Al 0.25 to 0.50% of V 0 to 1.0% of Mo 0 to 0.3% of Cu 0 to 0.3% of Ni 0 to 0.005% of Ca 0 to 0.4% of Bi and a remainder made up by Fe and impurities wherein the following formulae P = 0.03% Ti < 0.005% and N < 0.0080% are satisfied in the impurities and the following formulae [C+0.3Mn+0.25Cr+0.6Mo = 0.68] [C+0.1Si+0.2Mn+0.15Cr+0.35V+0.2Mo = 0.85] and [ 4.5C+Mn+Cr 3.5V 0.8Mo = 0.00] are satisfied. The age hardening steel has hardness of 290 HV or less before being subjected to an aging treatment also has an amount of hardening of 25 HV or more and fatigue strength of 350 MPa or more when subjected to an aging treatment and also has an absorption energy of 16 J or more at 20°C after being subjected to an aging treatment as evaluated by a Charpy impact test that is carried out using a U notched standard test specimen having a notch depth of 2 mm and a notch root radius of 1 mm. Therefore the age hardening steel is extremely suitable as a material for machine parts.

No. of Pages : 37 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6812/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ADAPTOR FOR COUPLING WITH A MEDICAL CONTAINER

(51) International classification :A61J1/14,A61J1/20
(31) Priority Document No :13305095.5
(32) Priority Date :28/01/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/051569
Filing Date :28/01/2014
(87) International Publication No :WO 2014/114807
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)CARREL Franck**
**2)PEROT Frdric**
**3)LAURENT Philippe**

(57) Abstract :
The invention relates to an adaptor for coupling with a medical container closed by a septum the adaptor comprising: a gripping member (20) for securing the adaptor to the medical container a needle access port intended to face an outer surface of the septum a pierceable elastomeric piece (50) having a longitudinal axis located into the needle access port said pierceable elastomeric piece having a recess (51 ) with a proximal opening and an outer wall (54) in contact with the needle access port attaching means for maintaining the elastomeric piece into the needle access port. The invention also relates to an assembly comprising such an adaptor and a medical container and to the use of such an adaptor for preventing the contamination inside a medical container closed by a septum.

No. of Pages : 35 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6813/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : WAX COMPOSITIONS AND THE EFFECT OF METALS ON BURN RATES

(51) International classification :C11C5/00
(31) Priority Document No :61/765753
(32) Priority Date :17/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/016183
Filing Date :13/02/2014
(87) International Publication No :WO 2014/127092
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)MURPHY Timothy A.**
**2)GROCE James Thomas**

(57) Abstract :
A wax composition is disclosed comprising a hydrogenated natural oil with (i) at least about 50 wt% of a triacylglycerol component having a fatty acid composition from about 14 to about 25 wt% C16:0 fatty acid about 45 to about 60 wt% C18:1 fatty acid and about 20 to about 30 wt% C18:0 fatty acid (ii) a nickel content of less than 1 ppm and (iii) a melt point of about 49 °C to about 57 °C. The hydrogenated natural oil is filtered and/or bleached to obtain a nickel content of less than 0.5ppm. A candle is also disclosed comprising a wick and the above described wax.

No. of Pages : 33 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7120/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SIDE CONTOURED OPEN TOP HOPPER RAILCAR WITH BIASED DOOR SEAL AND ENLARGED CONTOURED END DOOR

(51) International classification :B62J
(31) Priority Document No :61/297,485
(32) Priority Date :22/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/022293
Filing Date :24/01/2011
(87) International Publication No :WO 2011/091384
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**1)Gregory P. JOSEPHSON**
**2)David A. LOHR**

(57) Abstract :
A railroad open top hopper car comprises a pair of spaced trucks; and a railcar body supported on the trucks the body comprising a pair of side structures on opposed sides of the railcar wherein each side structure includes (i) a top chord extending the length of the side structure (ii) a plurality of upper side stakes extending from the top chord (iii) an intermediate side chord extending the length of the side structure and vertically below the top chord and coupled to the upper side stakes (iv) a plurality of lower side stakes extending from the intermediate side chord and (v) a side sill extending the length of the side structure and vertically below the intermediate side chord and coupled to the lower side stakes.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7111/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : GEMSTONE SPARKLE ANALYSIS

(51) International classification :G01N21/87,G01N33/38
(31) Priority Document No :1001237.5
(32) Priority Date :26/01/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/050122
Filing Date :26/01/2011
(87) International Publication No :WO 2011/092493
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)DE BEERS CENTENARY AG**
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(72)**Name of Inventor :**
**1)SMITH James Gordon Charters**

(57) Abstract :
A system is described for obtaining images of a gemstone and performing quantitative analysis on the images to obtain measures of properties of the gemstone. The system comprises a support structure for supporting the gemstone at an observation position. An illumination structure is arranged to illuminate the gemstone. The illumination structure comprises a plurality of radially dispersed directional light sources directed towards the observation position the support structure and illumination system being rotatable relative to one another around a rotation axis so that the gemstone can be illuminated by one or more of the directional light sources at each of a plurality of rotational positions the axis of rotation being normal to a selected facet of the gemstone. An imaging device is directed towards the gemstone for obtaining images of the gemstone at each of the rotational positions the imaging device having an imaging axis parallel to or coincident with the axis of rotation. An image processor is provided for identifying sparkle regions in the images corresponding to reflections from individual light sources by individual facets and providing a quantitative measure of the gemstone on the basis of properties of the sparkle regions.

No. of Pages : 51 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7112/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : WIND RESISTANT HEATER •

(51) International classification :B62J
(31) Priority Document No :2010900896
(32) Priority Date :03/03/2010
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2011/000204
Filing Date :25/02/2011
(87) International Publication No :WO/2011/106824
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)SMITH Scott**
**2)MICHALOWSKY Mark**

(57) Abstract :
A radiant gas heater is provided which includes one or more gas inlets (105), for receiving gas from a gas supply and one or more air inlets (110). The heater includes one or more gas burners (120A - 120E), in which gas from the one or more gas inlets (105) is burned using oxygen admitted through the one or more air inlets (110). One or more heat emitting elements (125A - 125E) are included, which emit infrared radiation using energy generated by the one or more gas burners (120A - 120E). One or more ionization probes (130A) are provided proximal to two or more of the heat emitting elements (125A - 125E) for detecting the presence or absence of a flame. A housing (115) is also provided which accommodates the one or more gas burners (120A - 120E), the one or more heat emitting elements (125A - 125E) and the one or more ionization probes (130A). One or more control units are also provided which are in electrical communication with the one or more ionization probes (130A) and the one or more gas inlets, the one or more control units operable to shut off the gas supply if the one or more ionization probes (130A) detect the absence of a flame.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7113/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : TRIMETHOXYPHENYL INHIBITORS OF TYROSINE KINASE

(51) International classification :C07D498/04,A61K31/5383,A61P29/00
(31) Priority Document No :61/307742
(32) Priority Date :24/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/025368
Filing Date :18/02/2011
(87) International Publication No :WO 2011/106248
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)ZHANG Chengzhi**
**2)SOMMERS Andreas**

(57) Abstract :
The present invention relates to new trimethoxyphenyl inhibitors of tyrosine kinase pharmaceutical compositions thereof and methods of use thereof. (I)

No. of Pages : 64 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7114/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : LEVER SWITCH DEVICE

(51) International classification :H01H25/04
(31) Priority Document No :2010084367
(32) Priority Date :31/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/001763
Filing Date :25/03/2011
(87) International Publication No :WO 2011/121958
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)WAKITA Hidekazu**
**2)MATSUHASHI Hisashi**

(57) Abstract :
The objective is to reduce the size of a lever switch device. Disclosed is a lever switch device provided with a restriction wall (49) which is formed between first and second arms (19, 23) and which restricts the movement of the first and second arms (19, 23) against the rotation of first and second levers (13, 15) relative to a movable body (31); and engagement walls (45a, 45b, 47a, 47b) which are formed on first and second fitting portions (45, 47) and which are engaged with the first and second arms (19, 23) by the rotational transfer of the first and second arms (19, 23) caused by the shaft rotation of the first and second levers (13, 15) to cause first and second movable boards (41, 43) to perform a contact operation.

No. of Pages : 43 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7121/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CO-PROCESSING OF BIOMASS AND SYNTHETIC POLYMER BASED MATERIALS IN A PYROLYSIS CONVERSION PROCESS

(51) International classification :C08F
(31) Priority Document No :61/304,966
(32) Priority Date :16/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/024428
Filing Date :11/02/2011
(87) International Publication No :WO 2011/103026
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)YANIK Steve**

(57) Abstract :
Disclosed is a process for biomass conversion which includes co-processing the biomass with thermoplastic and non-thermoplastic polymer based materials in a catalytic pyrolysis reactor to convert such to liquid hydrocarbons; wherein hydrogen atoms originating with the polymer materials can remove oxygen from oxygenated hydrocarbons produced in the conversion of the biomass in the reactor.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7122/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHODS, DEVICES, AND AGENTS FOR DENERVATION

(51) International classification :A61K
(31) Priority Document No :61/336,838
(32) Priority Date :26/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/022653
Filing Date :26/01/2011
(87) International Publication No :WO 2011/094367
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)Emily A. STEIN**

(57) Abstract :
Various delivery devices are described to deliver an agent locally to the renal nerves. The delivery devices are positioned in the renal artery and penetrate into the wall of the renal artery to deliver the agent to the renal nerves. The delivery devices may be used to deliver the agent according to longitudinal position radial position and depth of the renal nerves relative to the renal artery. In addition various methods are described to denervate modulate or otherwise affect the renal nerves and other neural tissue. Also various agents are described to denerve modulate or otherwise affect the renal nerves and other neural tissue.

No. of Pages : 68 No. of Claims : 71

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7123/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : TRAINING APPARATUS FOR MUSCLES IN THE UPPER PART OF THE BODY

(51) International classification :A61B
(31) Priority Document No :1000039-6
(32) Priority Date :18/01/2010
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2011/050042
Filing Date :17/01/2011
(87) International Publication No :WO 2011/087444
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)Karl KATZ**

(57) Abstract :
A training apparatus (1) which may be used for training of in particular the upper part of the body of a human user is described. The training apparatus is arranged to be placed on a surface and comprises a support member (2) with a length axis (3) and an essentially plane support surface (4) intended to carry the user during use of the training apparatus (1), which support surface (4) is arranged to be turned away from the surface during use of the training apparatus (1), and two handles (23, 25) for application of forces from the hands of the user. The training apparatus (1) comprises a first leg member the first end of which is rotatably attached to the support member (2), and a second leg member the one end of which is rotatably attached to the support member (2). When applying a force on the handles (23, 25) so that the arms (19, 21) are rotated around the third axis of rotation (35), the leg members are arranged to be rotated so that the distance between the support member (2) and the surface increases.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7124/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DOCTOR BLADE

(51) International classification :A61B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CH2010/000014
Filing Date :20/01/2010
(87) International Publication No :WO 2011/088583
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)Sibylle STILTZ**
**3)Andreas HGLI**

(57) Abstract :
The invention relates to a doctor blade (100,200, ..., 700), in particular for scraping printing ink from a surface of a printing plate, comprising a flat and elongated main body (110, 210, ..., 710) having a working edge area (130, 230, ..., 730) formed in a longitudinal direction, the working edge area (130, 230, ..., 730) being coated with at least one first coating (150, 250, ..., 750) on the basis of a nickel-phosphorus alloy, and is characterized in that the first coating (150, 250, ..., 750) contains at least one additional component (160, 360,460, 660,760,761) for improving the wear behavior of the doctor blade.

No. of Pages : 58 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7125/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FUSION PROTEINS COMPRISING ANTIGENIC APOB-100 PROTEIN FRAGMENTS AND A PROTEIN CARRIER  RELATED COMPOSITIONS  METHODS AND SYSTEMS FOR TREATMENT AND/OR PREVENTION OF ATHEROSCLEROSIS

(51) International classification :C12N
(31) Priority Document No :61/302,051
(32) Priority Date :05/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/051761
Filing Date :07/02/2011
(87) International Publication No :WO/2011/095628
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)HANSSON Gran K.**
**3)HOLMGREN Jan**

(57) Abstract :
A fusion protein comprising an antigenic fragment of apoB-100 and a suitable carrier and related compositions methods and systems.

No. of Pages : 70 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012
(21) Application No.4798/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CONTROL APPARATUS AND CONTROL METHOD FOR ELECTRICALLY DRIVEN VEHICLE

(51) International classification :B60L 9/18
(31) Priority Document No :2009-281210
(32) Priority Date :11/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/071822
Filing Date :06/12/2010
(87) International Publication No :WO 2011/071014
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)OKADA, KOICHI**
**2)MAKINO, YUSUKE**

(57) Abstract :
Provided are a control apparatus and a control method for an electrically driven vehicle, wherein the difference between the driving forces of the left and right driving wheels is made to be approximately zero, even when the effective radii of the left and right wheels become different such as when the air pressures of the tires change, to suppress the generation of turning force, and improve driving stability. A correcting means (14) is provided for correcting command values to be given, by a drive command outputting means (13), to drive circuits (11) of motors (4) of the left and right driving wheels (2). This correcting means (14) receives input of the steering angle and the rotational speed and motor current of each of the driving wheels (2), uses the steering angle as a proceeding direction reference, and implements correction such that the command values given to the left and right driving wheels (2) are in a relation that suppresses generation of turning force upon the vehicle due to the difference in the effective diameters of the left and right driving wheels (2).

No. of Pages : 29 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012
(21) Application No.4799/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR PREPARING SAMPLES FOR CHEMICAL ANALYSIS

(51) International classification :G01N 1/44
(31) Priority Document No :61/257,818
(32) Priority Date :03/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2010/001734
Filing Date :03/11/2010
(87) International Publication No :WO 2011/054086
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)KANIPAYOR, RAVI K.**
**2)EMBURGH, RON J.**

(57) Abstract :
A system for preparing samples for chemical analysis comprises at least one sample container, and a container receptacle apparatus for receiving the sample container. The sample container comprises an elongate tubular body having a crucible portion proximal to a closed end for receiving a sample therein, and an expansion portion proximal to an open end. The container receptacle apparatus comprising a housing having a heating compartment, a cooling compartment spaced apart from the heating compartment, and an insulating region located between the heating compartment and the cooling compartment. The heating compartment is shaped to receive the crucible portion of the sample container, and the cooling compartment is shaped to receive the expansion portion of the sample container. The apparatus also includes a heating mechanism for heating the sample within the crucible portion of the sample container, and a cooling mechanism for cooling the expansion portion of the sample container.

No. of Pages : 54 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2012

(21) Application No.7148/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DEUTERATED PYRROLOPYRIMIDINE COMPOUNDS AS INHIBITORS OF CDK4/6

(51) International classification :C07D487/04,C07B59/00,A61K31/519
(31) Priority Document No :61/306248
(32) Priority Date :19/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/052365
Filing Date :17/02/2011
(87) International Publication No :WO 2011/101417
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)BRAIN Christopher Thomas**
**2)PEREZ Lawrence Blas**

(57) Abstract :
The invention is directed to novel deuterated pyrrolopyrimidine compounds of formula (I) wherein R and R are defined below and to salts including pharmaceutically acceptable salts thereof. The compounds of the present invention are CDK4/6 inhibitors and could be useful in the treatment of diseases and disorders mediated by CDK4/6 such as cancer including mantle cell lymphoma liposarcoma non small cell lung cancer melanoma squamous cell esophageal cancer and breast cancer. The invention is further directed to pharmaceutical compositions comprising a compound of the invention. The invention is still further directed to methods of inhibiting CDK4/6 activity and to the treatment of disorders associated therewith using a compound of the invention or a pharmaceutical composition comprising a compound of the invention.

No. of Pages : 36 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2012

(21) Application No.7149/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DIMERIC IAP INHIBITORS

(51) International classification :C07D401/14,A61K31/4439,A61P35/00
(31) Priority Document No :61/308114
(32) Priority Date :25/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/052662
Filing Date :23/02/2011
(87) International Publication No :WO 2011/104266
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)NOVARTIS AG**
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(72)**Name of Inventor :**
**1)STRAUB Christopher Sean**
**2)CHEN Zhuoliang**
**3)PALERMO Mark G.**

(57) Abstract :
The present invention provides compounds of formula M-L-M (where M and M are each independently a monomeric moiety of Formula (I) and L is a linker). The dimeric compounds have been found to be effective in promoting apoptosis in rapidly dividing cells.

No. of Pages : 75 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2015

(21) Application No.6841/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SELECTION OF DATA STORAGE SETTINGS FOR AN APPLICATION

(51) International classification :H04L29/08,G06F17/30
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/SE2013/050201
Filing Date :07/03/2013
(87) International Publication No :WO 2014/137258
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)PRASANNA KUMAR Manoj**
**2)KUMAR N Hari**
**3)PADMANAABHAN Brindha**
**4)VERMA Vikas**

(57) Abstract :
The invention is directed towards a data storage setting arrangement (20) in a federated database system (10) comprising applications (A1 A2 A3) configured to handle data in corresponding databases (22 24 26 where arrangement (20) comprises a communication interface for obtaining application requirement data (AIC) related to database usage a database determining unit for predicting database type using the application requirement data and selecting database based on the database type prediction a processing type determining unit for predicting database processing type based on the application requirement data and selecting database processing type based on the processing type prediction a data model creating unit for creating a data model for storing of data in the database based on the application requirement data and an instantiating unit for instantiating a connection between the application and the selected database based on the selected database processing type and data model.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2012

(21) Application No.7152/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CHEMICAL COMPOUNDS

(51) International classification :C07D213/79,A01N43/40
(31) Priority Document No :1008290.7
(32) Priority Date :18/05/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/000748
Filing Date :16/05/2011
(87) International Publication No :WO 2011/144891
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)HACHISU Shuji**
**3)ASPINALL Mary Bernadette**
**4)HOTSON Matthew Brian**

(57) Abstract :
The present invention relates to certain substituted picolinic acid derivatives as well as N oxides and agriculturally acceptable salts thereof and their use in controlling plant growth particularly undesirable plant growth in crops of useful plants. The invention extends to herbicidal compositions comprising such compounds N oxides and/or salts as well as mixtures of the same with one or more further active ingredients and/or a safener.

No. of Pages : 87 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2012

(21) Application No.7153/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COMPOSITION COMPRISING THE AMYLOID BETA 1 6 PEPTIDE COUPLED TO A VIRUS LIKE PARTICLE AND AN ADJUVANT

(51) International classification :A61K47/48,A61P25/28,A61K39/00
(31) Priority Document No :10158273.2
(32) Priority Date :29/03/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/054735
Filing Date :28/03/2011
(87) International Publication No :WO 2011/120924
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)BAER Katja**
**3)IMBERT Georges**
**4)HOELLINGER Marie Jose**
**5)RIVIERE Marie Emmanuelle**
**6)GRAF Ana**

(57) Abstract :
The present invention relates to compositions comprising a construct comprising the A 1-6 peptide and a pharma ceutically acceptable adjuvant, for the treatment of patients suffering from dementia, in particular dementia of the Alzheimers type. In one embodiment, the construct containing the A 1-6 peptide consists of a virus-like particle (VLP) of the RNA bacterio phage 0 _ chemically coupled to said A1-6 peptide.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2012

(21) Application No.7154/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : STRESS INDUCED LIPID TRIGGER

(51) International classification :C12N15/29,C12P7/64
(31) Priority Document No :61/301141
(32) Priority Date :03/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/023406
Filing Date :01/02/2011
(87) International Publication No :WO 2011/097261
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)YOHN Christopher**
**2)MENDEZ Michael**
**3)BEHNKE Craig**
**4)BRAND April**

(57) Abstract :
The present disclosure provides novel proteins that when over expressed in algae result in an increase or change in fatty acid and/or glycerol lipid production and/or accumulation without a substantial decrease in the growth rate of the alga or the break down of algal components such as chlorophyll. The present disclosure also describes methods of using the novel proteins to increase or change the production and/or accumulation of fatty acids and/or glycerol lipids in algae. In addition these proteins are useful tools in obtaining information about the fatty acid and triacyglyceride (TAG) synthetic pathways in algae.

No. of Pages : 219 No. of Claims : 125

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2012

(21) Application No.7155/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FASTENING MEMBER AND FASTENING STRUCTURE

(51) International classification :F16B33/02,F16B39/30
(31) Priority Document No :2010041614
(32) Priority Date :26/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/052877
Filing Date :10/02/2011
(87) International Publication No :WO 2011/105225
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**2)City of Nagoya**
(72)**Name of Inventor :**
**1)MATSUBAYASHI Kou**
**2)MIYAKE Takushi**

(57) Abstract :
Provided is a fastening member which produces high locking effectiveness. A fastening member (1) is provided with threads having an upper portion (11) on the thread tip side and a lower portion (12) on the thread bottom side in at least a part of threads (10) said upper portion and said lower portion having the following structure. A pressure side flank surface (13) and a looseness side flank surface (14) are formed in the upper portion (11) and a pressure side side surface (15) and a looseness side side surface (16) are formed in the lower portion (12). The pressure side side surface (15) continuously extends from the lower end of the pressure side flank surface (13). The pressure side side surface (15) continuously extends from the lower end of the pressure side side surface in a section including the axis of the fastening member (1). The shape of the pressure side side surface (15) is a curved shape formed along a curved line formed by inwardly bending an extended line of the pressure side flank surface (13) or a shape obtained by combining a straight line shape formed along a straight line disposed on the inside of the extended line of the pressure side flank surface (13) with a curved line shape formed along a curved line formed by inwardly bending the extended line.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/06/2012

(21) Application No.1903/DEL/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A POLYMER, COPOLYMER, AND CROSSLINKED COMPOUND

(51) International classification :C08F
(31) Priority Document No :96-09384
(32) Priority Date :25/07/1996
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1624/DEL/2005
Filed on :22/06/2005

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)YOU-PING CHAN**
**2)NATHAN BRYSON**

(57) Abstract :
A polymer, copolymer and/or crosslinked compound obtained by polymerization and/or crosslinking of at least one monomer which is a compound general formula (I)

No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.4719/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : TIRE

(51) International classification :B60C 11/04
(31) Priority Document No :2009-276252
(32) Priority Date :04/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/068599
Filing Date :21/10/2010
(87) International Publication No :WO 2011/062026
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)KIWAKI YUKIHIRO**
**2)KOJIMA TAKAAKI**

(57) Abstract :
A tire 1 comprises rib-shaped land portions 20 extending in a tire circumferential direction TC and has a circumferential groove 30 adjacent to the land portions 20 and extending in the tire circumferential direction TC. Tread contact surfaces 10 of the land portions 20 form smooth surfaces with no gap when a normal load is applied and the tread contact surfaces are in contact with a road surface. The circumferential groove 30 includes a shallow groove portion 40 extending in the tread-width direction TW, and a deep groove portion 50 adjacent to the shallow groove portion 40 in the tire circumferential direction and extending in the tread-width direction. A deep groove portion 50 is recessed more inwardly in a tire radial direction TR than the shallow groove portion 40 with a groove bottom 40c of the shallow groove portion 40 being an upper end of the deep groove portion 50.

No. of Pages : 142 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.4720/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DIOXA-BICYCLO[3.2.1]OCTANE-2,3,4-TRIOL DERIVATIVES

(51) International classification :C07D 493/08
(31) Priority Document No :61/257,140
(32) Priority Date :02/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/054775
Filing Date :21/10/2010
(87) International Publication No :WO 2011/051864
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)MASCITTI VINCENT**

(57) Abstract :
Compounds of Formula (A) and (B) are described herein and the uses thereof for the treatment of diseases, conditions and/or disorders mediated by sodium-glucose transporter inhibitors (in particular, SGLT2 inhibitors).

No. of Pages : 81 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2012

(21) Application No.4721/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DETERGENT COMPOSITIONS CONTAINING BACILLUS SUBTILIS LIPASE AND METHODS OF USE THEREOF

(51) International classification :C11D 3/386
(31) Priority Document No :61/288,696
(32) Priority Date :21/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/060786
Filing Date :16/12/2010
(87) International Publication No :WO 2011/084599
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)SCHMIDT BRIAN**

(57) Abstract :
The present compositions and methods relate to a lipase cloned from Bacillus subtilis, polynucleotides encoding the lipase, and methods of use thereof. The compositions and methods have particular application in detergent cleaning compositions and methods.

No. of Pages : 64 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2012

(21) Application No.5631/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : INHIBITORS OF BRUTON'S TYROSINE KINASE

(51) International classification :A01N 43/90
(31) Priority Document No :60/826,720
(32) Priority Date :22/09/2006
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2006/049626
Filing Date :28/12/2006
(87) International Publication No :WO 2008/039218
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1642/DELNP/2009
Filed on :12/03/2009

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)HONIGBERG, LEE**
**2)VERNER, ERIK**
**3)PAN, ZHENGYING**

(57) Abstract :
Disclosed herein are compounds that form covalent bonds with Brutons tyrosine kinase (Btk). Also described are irreversible inhibitors of Btk. Methods for the preparation of the compounds are disclosed. Also disclosed are pharmaceutical compositions that include the compounds. Methods of using the Btk inhibitors are disclosed, alone or in combination with other therapeutic agents, for the treatment of autoimmune diseases or conditions, heteroimmune diseases or conditions, cancer, including lymphoma, and inflammatory diseases or conditions.

No. of Pages : 88 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2012

(21) Application No.7162/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : STEEL COMPONENT HAVING EXCELLENT TEMPER SOFTENING RESISTANCE

(51) International classification :C22C
(31) Priority Document No :2010-095953
(32) Priority Date :19/04/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/059771
Filing Date :14/04/2011
(87) International Publication No :WO 2011/132722
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)SHUJI KOZAWA**
**2)MANABU KUBOTA**

(57) Abstract :
The present invention relates to a steel part securing temper softening resistance at 300°C characterized by (a) the content of Si in the steel being made 0.7% or more, (b) the content of C in the carburized layer being made 0.9 to 1.1% for a hyper eutectic content of C by carburization, (c) the carbides with an outside diameter of 0.1 μm or more (proeutectoid cementite or spherical carbides) not being allowed to be present after carburization, and (d) the amount of residual austenite after carburization, quenching, and tempering being made less than 30%. The gist lies in a steel part excellent in temper softening resistance which is comprised of steel containing predetermined ingredients, has a total content of Mn and Cr of 2.5% or less, and is carburized, quenched, and tempered on its surface, which has a content of C at a part at a 50 Rm depth from the surface of 0.9 to 1.1%, does not contain proeutectoid cementite or spherical carbides of an average diameter of 0.1 μm or more or even if containing it, has an area ratio of it of less than 1%, and, further, does not containing residual austenite or even if containing it, has an area ratio of it of less than 30%.

No. of Pages : 32 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4683/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYSTEM AND METHOD FOR TIME-RELATED MICROSCOPY OF BIOLOGICAL ORGANISMS

(51) International classification :G02B 21/36
(31) Priority Document No :PA 2009 01281
(32) Priority Date :04/12/2009
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2010/050327
Filing Date :01/12/2010
(87) International Publication No :WO 2011/066837
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)OLESEN, TOM**
**2)VALVIK, MARTIN CHRISTIAN**
**3)LARSEN, NIELS AGERSNAP**

(57) Abstract :
The invention relates to a system and a method for determination of a value for at least one parameter describing microbial activity of individual biological organisms in a liquid sample. Images, wherein individual biological organisms may be identified, are combined to provide optical sectionings of the biological organisms and the optical sectionings are analysed to determine the value for said at least one parameter describing microbial activity of said individual biological organisms in each sample container.

No. of Pages : 63 No. of Claims : 59

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2014

(21) Application No.5573/DELNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYSTEM AND METHOD FOR LOW SPEED CONTROL OF POLYPHASE AC MACHINE

(51) International classification :H02P9/08
(31) Priority Document No :61/577477
(32) Priority Date :19/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/070694
Filing Date :19/12/2012
(87) International Publication No :WO 2013/096492
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)JOBE Nathan**
**3)LAUBENSTEIN Thomas Alan**

(57) Abstract :
A method of starting a wind turbine generator of any type of polyphase AC machine including but not limited to brushless DC or permanent magnet machines is disclosed. The machine starts from a dead stop or from low speed operation and is accelerated to the cut in speed for power production. The start up is realized utilizing the common set of electrical conductors and the power converter also used for capturing the generated power. Under initial operation the power converter executes a PWM modulation technique to drive the machine. Periodically the PWM modulation is stopped to read the electrical position of the generator.

No. of Pages : 29 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012

(21) Application No.7058/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A METHOD FOR PROMOTION OF HEMOSTASIS AND/OR WOUND HEALING

(51) International classification :A61L15/32,A61L15/42,A61L15/44
(31) Priority Document No :PA 2010 70101
(32) Priority Date :15/03/2010
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2011/050082
Filing Date :14/03/2011
(87) International Publication No :WO 2011/113436
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)LARSEN Kristian**

(57) Abstract :
The present invention relates to a matrix material comprising a pharmaceutical composition such as a matrix material with a pharmaceutical composition applied by ultrasonic spray technology on the surface. In one embodiment the pharmaceutical composition comprises thromb in. The invention further describes a method for making the matrix material which has a pharmaceutical composition coated onto the surface of the matrix material using ultrasonic spray technology. In one specific embodiment the invention also relates to the use of said matrix material for promotion of hemostasis and/or wound healing. The invention also relates to a kit of parts comprising a matrix with a pharmaceutical composition and a container with a peelable lid.

No. of Pages : 384 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2012

(21) Application No.7366/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MOIRE MAGNIFICATION DEVICE

(51) International classification :B42D15/10,G07D7/00
(31) Priority Document No :1003397.5
(32) Priority Date :01/03/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/050399
Filing Date :01/03/2011
(87) International Publication No :WO 2011/107783
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)HOLMES Brian William**

(57) Abstract :
A moir magnification device is disclosed comprising a transparent substrate carrying: a regular array of micro focusing elements on a first surface the focusing elements defining a focal plane; a corresponding first array of microimage elements in a first colour and located in a plane substantially coincident with the focal plane of the focusing elements; and a corresponding second array of microimage elements in a second colour different from the first colour and located in a plane substantially coincident with the focal plane of the focusing elements the second array of microimage elements being laterally offset from the first. The pitches of the micro focusing elements and first and second arrays of microimage elements and their relative locations are such that the array of micro focusing elements cooperates with each of the first and second arrays of microimage elements to generate respective magnified versions of the microimage elements of each array due to the moir effect. An interruption zone of non zero width is perceived between the between the magnified version of the first microimage array and the magnified version of the second microimage array the interruption zone exhibiting no magnified version of either microimage array. Also disclosed are a method of manufacturing a moire magnification device and a security document.

No. of Pages : 101 No. of Claims : 75

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4668/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ORAL CARE IMPLEMENT HAVING A BODY DISPOSED WITHIN THE HANDLE

(51) International classification :A46B 5/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2009/068638
Filing Date :18/12/2009
(87) International Publication No :WO 2011/075132
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)ROONEY MICHAEL**
**3)MOSKOVICH ROBERT**
**4)PRINGIERS JACOB**
**5)CASINI LUCA**

(57) Abstract :
An oral care implement having a body that appears to float within an aperture of the handle. The body can perform both a decorative and/or utilitarian function depending on its design and/or location on the handle. In one aspect, the invention can be an oral care implement comprising: a handle; a head connected to the handle; an aperture in the handle; and a grip body disposed within the aperture and enveloping a body, the grip body constructed of a first material and the body constructed of a second material, the second material being harder than the first material.

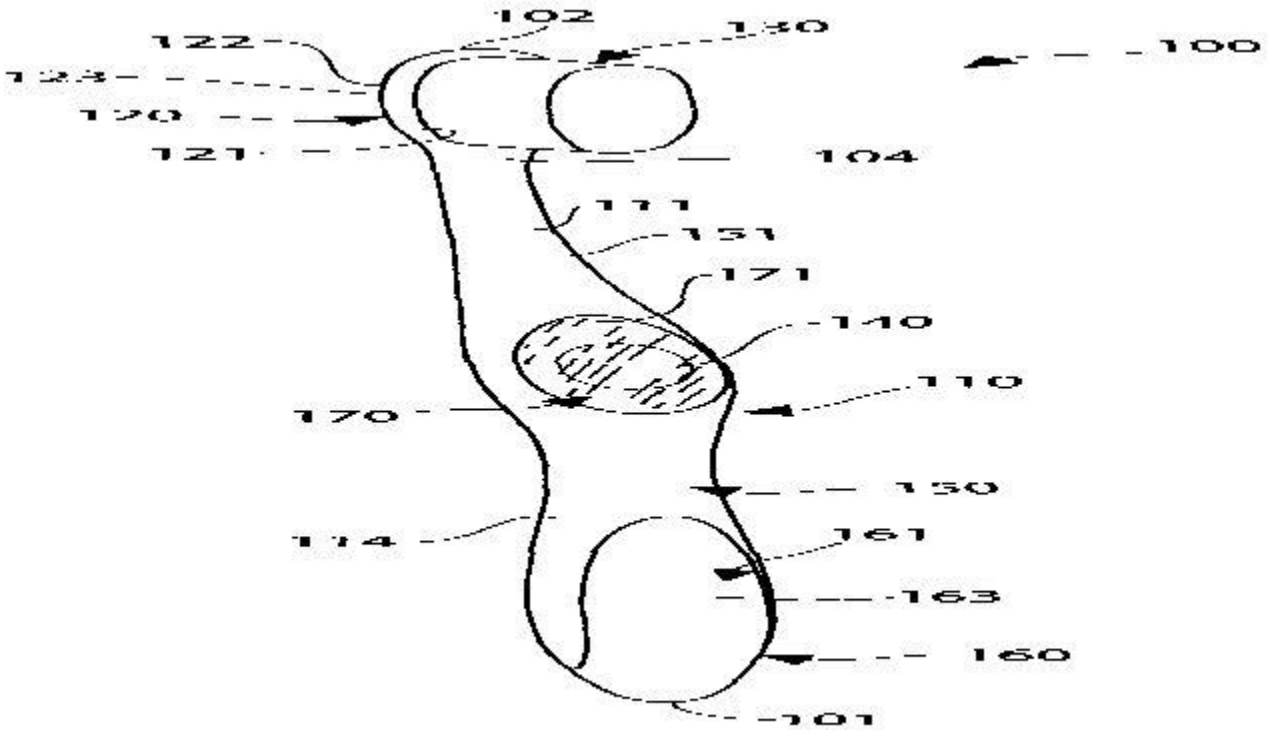



FIG. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4669/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : IMPROVED FIRING BUTTON FOR AUTOMATIC INJECTION DEVICE

(51) International classification :A61M 5/20
(31) Priority Document No :61/286,760
(32) Priority Date :15/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/060496
Filing Date :15/12/2010
(87) International Publication No :WO 2011/075524
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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**2)OZDARYAL ESRA**
**3)POST DAVID A.**
**4)TSVIRKO EDUARD N.**

(57) Abstract :
Exemplary embodiments provide firing mechanism assemblies that minimize or eliminate a misfire of an automatic injection device that causes a delay in the delivery of an injection. Exemplary embodiments provide automatic injection devices including firing mechanism assemblies that minimize or eliminate a misfire that causes a delay in the delivery of an injection. Exemplary embodiments provide methods for minimizing or eliminating misfire that causes a delay in delivery of an injection in automatic injection devices. Exemplary embodiments provide methods for using automatic injection devices that are free of a misfire that causes delay in delivery of a therapeutic substance into a patients body.

No. of Pages : 236 No. of Claims : 78

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012

(21) Application No.7060/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FOAM EXPANSION AGENT COMPOSITIONS CONTAINING HYDROHALOOLEFIN AND WATER AND THEIR USES IN THE PREPARATION OF POLYURETHANE AND POLYISOCYANURATE POLYMER FOAMS

(51) International classification :C08G18/12,C08G18/48,C08G18/76
(31) Priority Document No :61/328668
(32) Priority Date :28/04/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/034065
Filing Date :27/04/2011
(87) International Publication No :WO 2011/137151
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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**2)LOH Gary**

(57) Abstract :
A foam expansion agent composition is disclosed that includes water and a hydrohaloolefin of the formula CF3CX=CHY, wherein X is selected from the group consisting of H, CI and F, and Y is selected from the group consisting of H, CI, F, CF3 and CF2CF3. Also disclosed is a foam-forming composition that includes the foam expansion agent composition of this disclosure and an active hydrogen-containing compound having two or more active hydrogens. Also disclosed is a closed-cell polyurethane or polyisocyanurate polymer foam prepared from reaction of an effective amount of the foam-forming composition of this disclosure and a suitable polyisocyanate. Also disclosed is a process for producing a closed-cell polyurethane or polyisocyanurate polymer foam. The process involves reacting an effective amount of the foam-forming composition of this disclosure and a suitable polyisocyanate. Also disclosed is a process for using the closed-cell polyurethane or polyisocyanurate polymer foam of this disclosure. The process involves using such polymer foam at a temperature of no more than about the normal boiling point of the hydrohaloolefin which is used in the preparation of such polymer foam.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2012

(21) Application No.7375/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PLANTS HAVING ENHANCED YIELD-RELATED TRAITS AND A METHOD FOR MAKING THE SAME •

(51) International classification :C12P
(31) Priority Document No :61/308,315
(32) Priority Date :26/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/052218
Filing Date :15/02/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)RUSSINOVA Jenny**
**2)REUZEAU Christophe**

(57) Abstract :
The present invention relates generally to the field of molecular biology and concerns a method for enhancing various economically important yield-related traits in plants. More specifically the present invention concerns a method for enhancing yield-related traits in plants by modulating expression in a plant of a nucleic acid encoding an POI (Protein Of Interest) polypeptide. The present invention also concerns plants having modulated expression of a nucleic acid encoding an POI polypeptide which plants have enhanced yield-related traits relative to control plants. The invention also provides hitherto unknown POI-encoding nucleic acids and constructs comprising the same useful in performing the methods of the invention.

No. of Pages : 82 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2012
(21) Application No.4783/DELNP/2012 A
(43) Publication Date : 04/12/2015

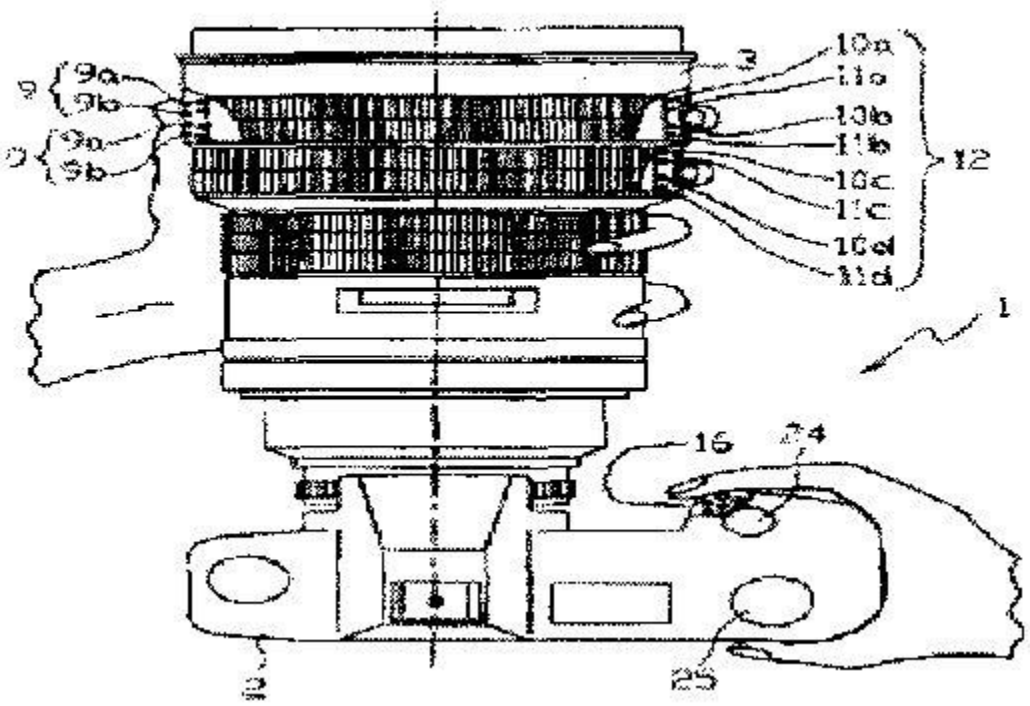
(54) Title of the invention : PHOTOGRAPHY LENS, PHOTOGRAPHING APPARATUS, PHOTOGRAPHING SYSTEM, IMAGE CAPTURING APPARATUS, AND PERSONAL APPARATUS

(51) International classification :G03B 17/00
(31) Priority Document No :2009-298731
(32) Priority Date :28/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/006811
Filing Date :19/11/2010
(87) International Publication No :WO 2011/080868
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)MAEDA, TOSHIAKI**
**3)MORIKAWA, TOSHIKAZU**
**4)SANO, HISASHI**
**5)KAWAMURA, MISA**

(57) Abstract :
Conventional apparatuses did not pay enough attention to assisting operations when the user is in a state differing from the normal state. Therefore, provided is a photography lens that comprises a first biometric detection apparatus that is capable of detecting change in biometric information of a photographer, or a photographing apparatus that captures an image and comprises a holding section, an operating section for performing an image capturing operation, and a second biometric detection apparatus that is capable of detecting change in biometric information of a photographer and that is disposed in at least one of the holding section and the operating section.

**FIG. 2**




No. of Pages : 40 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/06/2012

(21) Application No.5544/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYNERGISTIC COMBINATION OF PROTHIOCONAZOLE AND METOMINOSTROBIN

(51) International classification :A01N43/653,A01N37/50,A01P3/00
(31) Priority Document No :09180138.1
(32) Priority Date :21/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/070093
Filing Date :17/12/2010
(87) International Publication No :WO 2011/076688
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)KRAUS Anton**
**3)WETCHOLOWSKY Ingo**
**4)DAHMEN Peter**
**5)HADANO Hiroyuki**

(57) Abstract :
Combination comprising Prothioconazol and Metominostrobin preferably as a mixture agrochemical formulation or composition for curatively and/or preventively controlling phytopathogenic fungi and/or microorganisms of plants and crops.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7109/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AUTOMATIC SUNLIGHT TRACKING DEVICE

(51) International classification :H02N6/00,G05D3/00
(31) Priority Document No :201010138078.1
(32) Priority Date :02/04/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/000029
Filing Date :06/01/2011
(87) International Publication No :WO 2011/120324
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)LIU Jianzhong**

(57) Abstract :
An automatic sunlight tracking device comprises a solar panel mounting bracket (1) a supporting bracket (2) a pitch tracking member and a left and right tracking member. The solar panel mounting bracket (1) is connected with the supporting bracket (2) through a three dimensional subassembly (3). The pitch tracking member comprises a first transmission component and a first driving device (81) which is matched with the first transmission component. The left and right tracking member comprises a second transmission component and a second driving device (82) which is matched with the second transmission component. The three dimensional subassembly (3) comprises two rotary supporting shafts (31 32) in cross connection. The automatic sunlight tracking device has high operating precision and a reasonable structure and reduces operation energy consumption and is easy to be controlled and convenient to be installed and maintained.

No. of Pages : 29 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7115/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CONTROL SIGNAL GENERATOR FOR A DIMMER CIRCUIT

(51) International classification :H05B37/02
(31) Priority Document No :2010900685
(32) Priority Date :18/02/2010
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2011/000177
Filing Date :18/02/2011
(87) International Publication No :WO 2011/100803
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**1)VANDERZON James Robert**
**2)STELMACH Aleksander**

(57) Abstract :
Disclosed is a control signal generator (140) for use in a phase control dimmer circuit (100). The control signal generator (140) generates as an output (7) either a user input signal (6) if the user input signal (6) is greater than or equal to a conduction threshold or a boost signal (145) if the user input signal (6) is less than the conduction threshold. The output (7) is used to control the firing angle of the phase control dimmer circuit (100) and may be used to control a load (10) such as a compact fluorescent light (CFL). Also disclosed are a method of generating a control signal and a phase control dimmer circuit.

No. of Pages : 36 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2012

(21) Application No.7156/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR SUPPORTING A PARKING OPERATION

(51) International classification :B62D6/00,B62D15/02,B60W10/20
(31) Priority Document No :10 2010 002 409.0
(32) Priority Date :26/02/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/051779
Filing Date :08/02/2011
(87) International Publication No :WO 2011/104111
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)HAGENMEYER Lorenz**

(57) Abstract :
The invention proposes a driving assistance system comprising a control device having a storage unit for storing sensor signals in particular during a parking operation in a parking space in which the driver is given optimization suggestions during a subsequent evaluation on a processor that is separate from the control device.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012

(21) Application No.7046/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CENTRIFUGAL ELECTRIC PUMP FOR SUCTION OF AERIFORM FLUIDS WITH SILENCING DEVICE

(51) International classification :F04D29/66
(31) Priority Document No :CR2010A000006
(32) Priority Date :15/02/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2011/000244
Filing Date :09/02/2011
(87) International Publication No :WO 2011/098898
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)BERGAMASCHINI Alfonso**

(57) Abstract :
A centrifugal electric pump (1 ) for suction of aeriform fluids comprising an electric motor (2) equipped with a shaft (3); a cylindrical suction box (4) provided with an inlet (5) for the aeriform fluid one or more outlet openings (6) arranged on the lateral wall (4) thereof and with a closing cover (7); at least one fan (8) driven in movement by said motor (2) arranged for sucking a flow of air (F) from said inlet (5) centrifuge it and discharge it outside said suction box (4) through said one or more outlet openings (6) characterized in that it comprises a silencing device arranged inside said suction box (4) wherein said silencing device comprises an annular deflector (9) placed in front of said outlet openings (6) so as to interrupt the direct path of the flow of centrifuged air (F) between said at least one fan (8) and said outlet openings (6) and arranged for creating a shaped annular damping chamber (10) for the flow of centrifuged air (F) open towards said suction inlet (5).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2012

(21) Application No.7352/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CELL CULTURE MEDIUM FOR THE GROWTH AND DIFFERENTIATION OF CELLS OF THE HEMATOPOIETIC LINEAGE •

(51) International classification :C12N
(31) Priority Document No :61/306,682
(32) Priority Date :22/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/052511
Filing Date :21/02/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)DOUAY Luc**
**2)GIARRATANA Marie-Catherine**

(57) Abstract :
The present invention relates to a cell culture medium for the growth and/or differentiation of cells of the hematopoietic lineage comprising: - insulin at a concentration of from 1 to 50 µg/ml; - transferrin at a concentration of from 100 µg/ml to 2000 µg/ml; and - plasma or serum at a concentration of from 1% to 30%.

No. of Pages : 44 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2012

(21) Application No.7292/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ELECTROSTATIC DISSIPATIVE GARMENT WITH INTERCHANGEABLE ELASTIC BANDS

| | |
|---|---|
| (51) International classification | :A41D13/008,A41D13/02,A41D27/24 |
| (31) Priority Document No | :PI 2010000697 |
| (32) Priority Date | :12/02/2010 |
| (33) Name of priority country | :Malaysia |
| (86) International Application No<br>Filing Date | :PCT/CN2011/070957<br>:12/02/2011 |
| (87) International Publication No | :WO 2011/098050 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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(72)**Name of Inventor :**
**1)KOW Kek Hing**

(57) Abstract :
An electrostatic discharge garment has a pair of sleeves (10) which provides elastic contact between the wrist of a wearer and each sleeve (10). Each sleeve (10) has a pair of attachment means (12) consisting of a first attachment means (12a) located adjacent to an opening (13) of each sleeve (10) and a second matching attachment means (12b) located at a distance away from the first attachment means (12a). The first attachment means (12a) and the second matching attachment means (12b) are provided on each sleeve (10) in such a manner that they create a space gap (14) therebetween for receiving an elastic wrist band (11) looped thereon to enable the formation of a pocket when each sleeve (10) is folded with proper alignment to enable the first attachment means (12a) attached and held together with the second matching attachment means (12b). The elastic wrist band (11) having different width can be inserted into the pocket to achieve desirable strength suitable to be used by every individual wearer easily changed due to its unique design to suit the wrist size of the wearer and replaced periodically.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2012

(21) Application No.7127/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SECONDARY STRUCTURE STABILIZED NMDA RECEPTOR MODULATORS AND USES THEREOF •

(51) International classification :A61K
(31) Priority Document No :61/303,472
(32) Priority Date :11/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/024583
Filing Date :11/02/2011
(87) International Publication No :WO/2011/100585
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)JOSEPH MOSKAL**
**2)AMIN KHAN**

(57) Abstract :
Disclosed are compounds having enhanced potency in the modulation of NMDA receptor activity. Such compounds are contemplated for use in the treatment of diseases and disorders such as learning, cognitive activities, and analgesia, particularly in alleviating and/or reducing neuropathic pain.

No. of Pages : 64 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/03/2015

(21) Application No.893/DEL/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : NEW HEURISTIC FOR OPTIMIZING NON-CONVEX FUNCTION FOR LEARNING TO RANK

(51) International classification :G06Q40/00
(31) Priority Document No :14/292,703
(32) Priority Date :30/05/2014
(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

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**1)XIAO, Fei**
**2)SINHA, Shakti Dhirendraji**
**3)KANDURI, Satya Pradeep**
**4)DOMMETI, Ramesh**

(57) Abstract :
Techniques for optimizing non-convex function for learning to rank are described. Consistent with some embodiments, a search module may set an order for a group of search features. The group of search features can be used by a ranking model to determine the relevance of items in a search query. Additionally, the search module can assign a first weight factor to a first search feature in the group of search features. Moreover, the search module can calculate a mean reciprocal rank for the search query based on the assigned first weight factor. Furthermore, the search module can determine a second weight factor, using a preset incremental vector, for a second search feature in the group of search features to maximize the mean reciprocal rank for the search query. Subsequently, the search module can assign the second weight factor to the second search feature in the group of search features.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012
(21) Application No.7048/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PHOSPHINE-OXIDE CATALYZED PROCESS OF PRODUCTION OF HYDROGEN FROM SILYLATED DERIVATIVES AS HYDROGEN CARRIER

(51) International classification :C07C
(31) Priority Document No :61/304,595
(32) Priority Date :15/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/052192
Filing Date :15/02/2011
(87) International Publication No :WO/2011/098614
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)JEAN-MICHEL BRUNEL**

(57) Abstract :
The invention relates to a method for producing hydrogen comprising the steps of: i) contacting a compound (C) comprising one or more groups Si-H with a phosphorous based catalyst in the presence of a base in water as solvent, thereby forming hydrogen and a by-product (C1); wherein said phosphorous based catalyst is as defined in claim 1; and ii) recovering the obtained hydrogen.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012
(21) Application No.7049/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ULNA OSTEOTOMY SYSTEM

(51) International classification :A61B
(31) Priority Document No :61/310,406
(32) Priority Date :04/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/022574
Filing Date :26/01/2011
(87) International Publication No :WO/2011/109127
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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**2)DIRK KERSTAN**
**3)LADISLAV NAGY**

(57) Abstract :
A bone plate (100) includes a first three-part combination hole (110) extending through a proximal portion of the plate, a first portion (112) configured to engage a threaded head portion of a bone fixation element (122), a second portion (114) configured to receive a bone fixation element (126) along an axis substantially perpendicular to a longitudinal axis of the bone and a third portion (116) defining a screw axis extending toward the distal end of the elongated body at a non-perpendicular angle relative to the longitudinal axis in combination with a first two-part combination hole (138) extending through the proximal portion, a first threaded portion (140) configured to engage a threaded head portion of a bone fixation element (122) and a second portion (142) defining an elongated slot extending along a longitudinal axis of the plate for receiving a bone fixation element so that the plate may slide along its longitudinal axis relative to the bone fixation element.

No. of Pages : 41 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012
(21) Application No.7050/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PROCESS FOR PREPARING AN ALKENE

(51) International classification :C07C
(31) Priority Document No :10250327.3
(32) Priority Date :24/02/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/GB2011/000184
Filing Date :10/02/2011
(87) International Publication No :WO/2011/104494
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :1 St James™s Square London SW1Y 4PD United Kingdom U.K.
(72)**Name of Inventor :**
**1)STEPHEN ROY PARTINGTON**

(57) Abstract :
A process for the preparation of an alkene from an oxygenate comprising contacting a reactant feedstream comprising at least one oxygenate reactant and water with a supported heteropolyacid catalyst at a temperature of at least 170 °C, wherein the process is initiated using a start-up procedure comprising the following steps: (i) heating the supported heteropolyacid catalyst to a temperature of at least 220 °C; (ii) maintaining the heat-treated supported heteropolyacid catalyst of step (i) at a temperature of at least 220 °C for a time sufficient to remove bound water from the heteropolyacid component of the supported heteropolyacid catalyst; and (iii) whilst maintaining the supported heteropolyacid catalyst of step (ii) at a temperature of at least 220 °C, contacting the supported heteropolyacid catalyst with the reactant feedstream having a temperature of at least 220 °C.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2012

(21) Application No.4739/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR NEUTRALIZING POLYMERIZATION CATALYST

(51) International classification :C08F 10/02
(31) Priority Document No :09179829.8
(32) Priority Date :18/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/070032
Filing Date :17/12/2010
(87) International Publication No :WO 2011/073373
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)DEWACHTER, DAAN**

(57) Abstract :
The present invention relates to a process for cleaning a catalyst slurry preparation system and/or a catalyst preparation system. More particularly, the invention relates to a cleaning process for a catalyst preparation system and/or for a catalyst slurry preparation system, wherein an aqueous catalyst inactivation agent is used to rinse the systems, or any parts thereof. The catalysts used in the present invention may be chromium, Ziegler-Natta or metallocene catalysts.

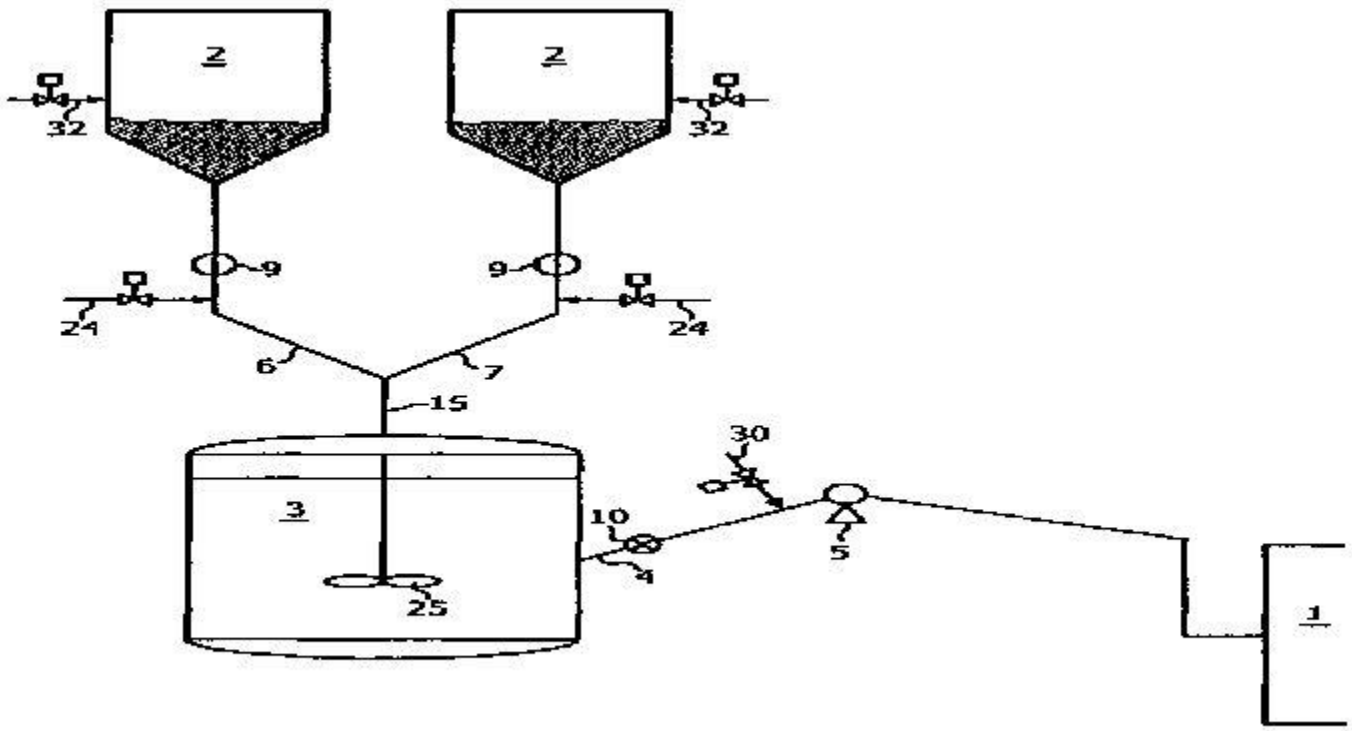



FIG. 2

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2012

(21) Application No.7141/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FOCAL PLANE ARRAY AND METHOD FOR MANUFACTURING THE SAME

(51) International classification :H01L27/146
(31) Priority Document No :10155250.3
(32) Priority Date :02/03/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/053049
Filing Date :01/03/2011
(87) International Publication No :WO 2011/107486
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)LAPADATU Adriana**
**2)KITTILSLAND Gjermund**

(57) Abstract :
A method of forming a focal plane array having at least one pixel (2) which is fabricated by: preparing a first wafer having sensing material (3) provided on a surface which is covered by a first sacrificial layer; preparing a second wafer (9) including read out integrated circuit (ROIC) and a contact pad which is covered by a second sacrificial layer into which are formed support legs (7) in contact with the contact pad the support legs being covered with a further sacrificial layer; bonding the sacrificial layers of the first and second wafers together such that the sensing material (3) is transferred from the first wafer to the second wafer (9) when a sacrificial bulk layer of the first wafer is removed; defining a pixel (2) in the sensing material and forming a conductive via (28) through the pixel for providing a connection between an uppermost surface of the pixel and the supporting legs; and removing the sacrificial oxide layers to release the at least one pixel such that the supporting legs are arranged underneath it.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012

(21) Application No.7035/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : LUBRICATING OIL COMPOSITION •

(51) International classification :C07C
(31) Priority Document No :2010-008353
(32) Priority Date :18/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/072265
Filing Date :10/12/2010
(87) International Publication No :WO 2011/086800
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)TOMONARI MATSUMOTO**
**2)FUMIYUKI NARA**
**3)TAKESHI OKIDO**
**4)KATSUYA TAKIGAWA**

(57) Abstract :
The lubricating oil composition of the invention comprises a lubricant base oil, a 3,4,5-trihydroxybenzoic acid ester at 5-5000 ppm by mass, and a phosphorus compound at 0.001-10.0% by mass, based on the total mass of the lubricating oil composition. The lubricating oil composition of the invention significantly lowers wear and exhibits a stable low frictional coefficient, while having a high rust-preventing effect for iron-based sliding sections. The lubricating oil composition of the invention is therefore suitable for prolonged use, and exhibits a notable effect for energy savings as well due to its stable low frictional coefficient property.

No. of Pages : 72 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012

(21) Application No.7036/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : OIL FORMULATIONS COMPRISING CYLCOPROPENE COMPOUNDS •

(51) International classification :C07C
(31) Priority Document No :61/309,073
(32) Priority Date :01/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/024120
Filing Date :09/02/2011
(87) International Publication No :WO/2011/109144
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)RICHARD JACOBSON**
**2)YUEQIAN ZHEN**

(57) Abstract :
A composition comprising (a) a non-aqueous pourable fluid, (b) droplets dispersed in said pourable fluid (a), wherein said droplets comprise (i) a non-aqueous continuous phase that is a solid or that is a liquid of high viscosity and (ii) solid particles dispersed in said continuous phase (i), wherein said solid particles (ii) have median size as measured by the largest dimension of 100 micrometers or less, and wherein said solid particles (ii) comprise one or more cyclopropene compound and one or more molecular encapsulating agent. Also, a method of treating plants or plant parts involving bringing such a composition into contact with plants or plant parts.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2012

(21) Application No.7164/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SOLID FORMS COMPRISING A CYCLOPROPYL AMIDE DERIVATIVE

(51) International classification :C07C
(31) Priority Document No :61/305,581
(32) Priority Date :18/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2011/050170
Filing Date :17/02/2011
(87) International Publication No :WO 2011/102793
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)CRAIG D COLLINS**

(57) Abstract :
This disclosure relates to at least one solid form of 4-{(1S, 2S)-2-[((R)-4- cyclobutyl-2-methylpiperazin-1-yl)carbonyl]-cyclopropyl}-benzamide. This disclosure also relates to at least one pharmaceutical composition comprising at least one solid form described herein, methods of using the solid forms and pharmaceutical compositions comprised thereof, and processes of manufacturing the solid forms.

No. of Pages : 61 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2012

(21) Application No.7165/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : IMMUNOGLOBULIN G FC REGION BINDING POLYPEPTIDE

(51) International classification :C12N
(31) Priority Document No :10155835.1
(32) Priority Date :08/03/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/053362
Filing Date :07/03/2011
(87) International Publication No :WO 2011/110515
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)GE HEALTHCARE BIO-SCIENCES AB**
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(72)**Name of Inventor :**
**1)LARS ABRAHMS‰N**

(57) Abstract :
An immunoglobulin G Fc region binding polypeptide is provided, consisting of an amino acid sequence selected from i) and an amino acid sequence which has at least 95 % identity thereto. Also provided are methods for producing the polypeptide, compositions comprising the polypeptide, polynucleoties encoding the polypeptide, multimers of the polypeptide, and methods of using the polypeptide.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2015

(21) Application No.4918/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PROBIOTIC STRAINS FOR THE TREATMENT AND/OR PREVENTION OF DIARRHÅ'A

(51) International classification :G01N33/50,G01N33/569
(31) Priority Document No :12 61916
(32) Priority Date :12/12/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/053044
Filing Date :12/12/2013
(87) International Publication No :WO 2014/091160
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)ECOLE NATIONALE SUPERIEURE DES SCIENCES AGRONOMIQUES DE BORDEAUX AQUITAINE (BORDEAUX SCIENCES AGRO)**
(72)**Name of Inventor :**
**1)KHUONG HUU, Marie**
**2)FIORAMONTI ,Jean**
**3)URDACI ,Maria**

(57) Abstract :
The present invention pertains to a method of selecting or identifying probiotic strains capable of altering water absorption in the colon , and the use of same as medications in the treatment and/or prevention of diarrhÅa. The invention particularly relates to the strain CUl for its use in the treatment and/or prevention of diarrhÅa.

No. of Pages : 35 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2015

(21) Application No.4919/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : (6R, 10R) -6 10, 14- TRIMETYLPENTADECAN- 2- ONE PREPARED FROM 6 ,10- DIMETYLUNDEC -5- EN- 2- ONE OR 6 ,10- DIMETYLUNDECA- 5, 9- DIEN- 2- ONE

(51) International classification :C07C29/17,C07C29/44,C07D311/20
(31) Priority Document No :12197835.7
(32) Priority Date :18/12/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/077187
Filing Date :18/12/2013
(87) International Publication No :WO 2014/096065
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)NETSCHER ,Thomas**
**3)MEDLOCK, Jonathan Alan**
**4)STEMMLER, Ren Tobias**
**5)TSCHUMI ,Johannes**
**6)VERZIJL ,Gerardus Karel Maria**
**7)VRIES, DE ,Andreas Hendrikus Maria**

(57) Abstract :
The present invention relates to a process of manufacturing (6R, 10R)- 6 ,10, 14 -trimetylpentadecan 2 one in a multistep synthesis from 6 ,10- dimetylundec- 5 -en -2 -one or 6, 10- dimetylundeca- 5, 9- dien -2- one. The process is very advantageous in that it forms in an efficient way the desired chiral product from a mixture of stereoisomers of the starting product.

No. of Pages : 101 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2015

(21) Application No.6839/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AD HOC DEVICE SHARING OVER A NETWORK

(51) International classification :H04L29/02
(31) Priority Document No :13/762293
(32) Priority Date :07/02/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2014/014477
Filing Date :03/02/2014
(87) International Publication No :WO 2014/123820
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)TABONE Ryan**
**2)CHIANG Edward Weili**

(57) Abstract :
The subject technology discloses implementations for an ad hoc sharing service that provides a solution for end to end connectivity of one or more master computing devices to access different resources of one or more host computing devices that are available to be utilized (e.g. depending on the desired usage of the master computing device(s) and the respective capabilities of each device). Example resources on a given device include but are not limited to display audio network storage processing input and output peripherals etc. The ad hoc sharing service can initially determine available resources of each device for sharing.

No. of Pages : 38 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2012

(21) Application No.7150/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HEAT TRANSFER COMPOSITIONS

(51) International classification :C09K3/30,C09K5/04,A23L1/00
(31) Priority Document No :1002615.1
(32) Priority Date :16/02/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/000199
Filing Date :14/02/2011
(87) International Publication No :WO 2011/101619
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)LOW Robert E.**

(57) Abstract :
The invention provides a heat transfer composition consisting essentially of from about 45 to about 58 % by weight trans-l,3,3,3-tettafiuoropropene (R-1234ze(E)) and from about 42 to about 55 % by weight of 1,1-difluoroethane (R-152a). The invention also provides a heat transfer composition comprising from about 40 to about 60 % by weight R-152a, S from about 5 to about 50 % R-134a, and from about 5 to about 50 % by weight R-1234ze(E).

No. of Pages : 37 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2012

(21) Application No.7151/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND SYSTEM FOR ANALYZING A BLOOD SAMPLE

(51) International classification :G01N33/48
(31) Priority Document No :12/730977
(32) Priority Date :24/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/028683
Filing Date :25/03/2010
(87) International Publication No :WO 2011/119163
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)GODEFROY Christophe P.**
**2)RILEY John Steven**
**3)VIDAL Patricio J.**

(57) Abstract :
Methods systems and computer program products for the analysis of a blood sample are disclosed. One embodiment is a method of detecting and enumerating hard to ghost cells in a blood sample. Another embodiments is a method of analyzing reticulocytes in a blood sample. Methods of using blood count parameters are also provided.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012

(21) Application No.7056/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : EICOSAPENTAENOIC ACID PRODUCING MICROORGANISMS FATTY ACID COMPOSITIONS AND METHODS OF MAKING AND USES THEREOF

(51) International classification :C12P19/34,C12N1/14,C12R1/89
(31) Priority Document No :61/296456
(32) Priority Date :19/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/028175
Filing Date :22/03/2010
(87) International Publication No :WO 2011/090493
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)BEHRENS Paul Warren**
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**4)PFEIFER III Joseph W.**
**5)STAHL Tracey Lynn**
**6)ZIRKLE Ross**

(57) Abstract :
The present invention is directed to isolated microorganisms as well as strains and mutants thereof biomasses microbial oils compositions and cultures; methods of producing the microbial oils biomasses and mutants; and methods of using the isolated microorganisms biomasses and microbial oils.

No. of Pages : 98 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012

(21) Application No.4673/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DUAL VARIABLE DOMAIN IMMUNOGLOBULINS AND USES THEREOF

(51) International classification :C07K 16/00
(31) Priority Document No :61/255,686
(32) Priority Date :28/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/054521
Filing Date :28/10/2010
(87) International Publication No :WO 2011/059755
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)MCPHERSON MICHAEL J.**
**4)HARRIS MARIA C.**
**5)LIU JUNJIAN**
**6)ISAKSON PETER C**
**7)GU JIJIE**

(57) Abstract :
The present invention relates to engineered multivalent and multispecific binding proteins, methods of making, and specifically to their uses in the prevention, diagnoisis, and/or treatment of disease.

No. of Pages : 295 No. of Claims : 76

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2012
(21) Application No.4674/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : BOBBIN WINDER

(51) International classification :B65H 63/00
(31) Priority Document No :2009-262858
(32) Priority Date :18/11/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/006461
Filing Date :02/11/2010
(87) International Publication No :WO 2011/061895
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)TANIGAWA YASUNOBU**

(57) Abstract :
Provided is a yarn winding machine configured to detect a core tube length of a yarn supply bobbin to thereby correctly obtain the amount of yarn wound on the yarn supply bobbin. In a yarn supply bobbin holder, a yarn supply bobbin having a yarn wound on a core tube thereof is set. A winding part winds, into a package, the yarn drawn out from the yarn supply bobbin. A core tube detection sensor detects a core tube length of the yarn supply bobbin set in the yarn supply bobbin holder. A stepping motor is configured to move the core tube detection sensor in a longitudinal direction of the core tube and to control the amount of movement thereof. A calculation part calculates the core tube length based on the amount of movement of the core tube detection sensor moved by the stepping motor.

No. of Pages : 39 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012

(21) Application No.7067/DELNP/2012 A
(43) Publication Date : 04/12/2015

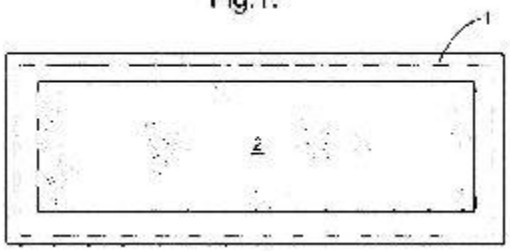
(54) Title of the invention : EFFICACIOUS DEPILATORY ARTICLE

(51) International classification :A61K8/02,A61K8/46,A61Q9/04
(31) Priority Document No :61/305280
(32) Priority Date :17/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/025176
Filing Date :17/02/2011
(87) International Publication No:WO 2011/103252
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**5)PASSI Rajeev Kumar**
**6)MITRA Shekhar**

(57) Abstract :
A depilatory article comprising a substrate and an aqueous depilatory composition, the aqueous depilatory composition being in physical contact with the substrate and comprising a keratin reducing agent and one or more monovalent cations; wherein the aqueous depilatory composition forms a coated region of the substrate; and wherein the amount of monovalent cations per unit area of said coated region is from 6 x 10-7 mol/cm2 to 6 x 10-6 mol/cm2, preferably from 1.5 x 10-6 mol/cm2 to 4.5 x 10-6 mol/cm2 and more preferably from 2.25 x 10-6 mol/cm2 to 3.75 x 10-6 mol/cm2.

Fig.1.




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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012

(21) Application No.7068/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PROCESS FOR PREPARING AN ALKENE

(51) International classification :C07C
(31) Priority Document No :10250325.7
(32) Priority Date :24/02/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/GB2011/000185
Filing Date :10/02/2011
(87) International Publication No :WO/2011/104495
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)STEPHEN ROY PARTINGTON**

(57) Abstract :
A process for the preparation of an alkene from an oxygenate comprising contacting a reactant feedstream comprising at least one oxygenate reactant and water with a supported heteropolyacid catalyst at a temperature of at least 170 °C, wherein the process is initiated using a start-up procedure comprising the following steps: (i) heating the supported heteropolyacid catalyst to a temperature of at least 220 °C; (ii) maintaining the heat-treated supported heteropolyacid catalyst of step (i) at a temperature of at least 220 °C for a time sufficient to remove bound water from the heteropolyacid component of the supported heteropolyacid catalyst; (iii) under an anhydrous atmosphere, reducing the temperature of the heat-treated supported heteropolyacid catalyst of step (ii) to a temperature below 220 °C; and (iv) contacting the supported heteropolyacid catalyst of step (iii) with the reactant feedstream at a temperature of at least 170 °C.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7097/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PIPE SEALING TOOL WITH EXTERNAL CLAMP

(51) International classification :F16L55/115,B23K37/00,F16L55/00
(31) Priority Document No :12/715168
(32) Priority Date :01/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2011/050121
Filing Date :01/03/2011
(87) International Publication No :WO 2011/106893
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)CARSON Glenn**

(57) Abstract :
An apparatus for sealing an open end of a pipe includes a clamp for frictionally being secured to the exterior of the pipe a sealing plate for covering the open end of the pipe and being connectable to the clamp and sealing means for urging the sealing plate towards the clamp and for forming a seal between the sealing plate and the open end of the pipe. In one aspect the clamp comprises an annular body formed by at least two sections that are radially tightened over the pipe exterior. In another aspect the clamp comprises cooperating annular bodies one capable of radially narrowing the other for frictionally engaging the pipe outer surface. In another aspect the method provides a method of sealing an end of a pipe. According to the invention once the open end is sealed the interior of the pipe may be pressurized for example for testing the integrity thereof.

No. of Pages : 54 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7099/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MEDICAL DEVICE AND HOLLOW FIBER MEMBRANE MEDICAL DEVICE •

(51) International classification :A61B
(31) Priority Document No :2010-036339
(32) Priority Date :22/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/053383
Filing Date :17/02/2011
(87) International Publication No :WO/2011/102418
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)MIYAZAKI Shinji**
**3)KOIZUMI Toshinori**

(57) Abstract :
Provided is a highly reliable medical device such as a hollow fiber membrane medical device which enables the effective prevention of occurrence of dielectric breakdown in an electron beam irradiation sterilization treatment process. The hollow fiber membrane medical device is provided with a container which has an inner space molded from an insulating material a filter element which is loaded into the inner space an inlet which is provided in a container wall surface that forms the inner space and through which a fluid flows into the container and an outlet which is provided in the container wall surface that forms the inner space and through which the fluid flows out of the container. The inlet and/or the outlet has a portion produced from a polymeric material having a volume resistivity of 5—1013 Ocm or less and the hollow fiber membrane medical device is irradiated with an electron beam. (Fig. 1)

No. of Pages : 76 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2012

(21) Application No.7075/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : INKJET INK WITH SELF DISPERSED PIGMENT

(51) International classification :C09D11/00,C09D11/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2010/027370
Filing Date :15/03/2010
(87) International Publication No :WO 2011/115614
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)MCMANUS Richard**
**3)WICKRAMANAYAKE Palitha**

(57) Abstract :
An ink composition for inkjet printing is disclosed herein. The ink composition includes a self-dispersed carbon black pigment with alkali metal counter ions, polyurethane, and an aqueous carrier. The aqueous carrier includes water, at least one water-soluble organic solvent, and at least one surfactant. In one embodiment, the aqueous carrier further includes an additive having a polar head group and a Cs-Cis hydrocarbon tail.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2012

(21) Application No.7376/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SANITARY CLAMP COUPLER WITH RADIAL SEAL

(51) International classification :B68F
(31) Priority Document No :61/315,288
(32) Priority Date :18/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/028647
Filing Date :16/03/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**2)WROBEL Steve J.**
**3)DALTON James M.**
**4)LINS Christopher A.**
**5)KURVERS Craig T.**

(57) Abstract :
A coupler utilizes a conventional sanitary clamp member 12 having a handle 14 releasably clamping first and second halves 16 and 18 together. The inner surface of halves 16 and 18 is provided with a groove 20 having angled sides 20a and 20b which serve to axially press together male 22 and female 28 members together as handle 14 is tightened. Male member 22 has a generally cylindrical plug 24 with end 30 which extends into socket 28b of female member 28. An O-ring 26 is located on the circumference of plug 24 and seals against the inner cylindrical surface of socket 28b.

No. of Pages : 10 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7087/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : TYRE WITH GREATER RESISTANCE TO UNSEATING

(51) International classification :B41C
(31) Priority Document No :1051391
(32) Priority Date :26/02/2010
(33) Name of priority country :France
(86) International Application No :PCT/EP2011/051443
Filing Date :02/02/2011
(87) International Publication No :WO/2011/104074
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)MICHELIN RECHERCHE ET TECHNIQUE S.A.**
(72)**Name of Inventor :**
**1)LUC SCHAFFHAUSER**

(57) Abstract :
Tyre (10) comprising two beads (20) and a carcass reinforcement (60) anchored in the bead, the bead comprising a plurality of annular reinforcing structures (70) arranged in such a way as to form at least one anchoring alignment (71, 72), parallel to a portion of the carcass reinforcement, the bead further comprising, in any radial cross section, an additional stiffening reinforcement (120) extending between a first end (121) situated a distance H1 from the tangent (130) to the seat-forming bead portion (22), the distance H1 being greater than or equal to 20% and less than or equal to 70% of the minimum distance H0 between the annular reinforcing structure of said at least one anchoring alignment that is closest to said tangent and the tangent, the distances H1 and H0 being measured perpendicular to said tangent, the first end lying an axial distance L1 from the interior surface of the tyre, the axial distance L1 being greater than or equal to 50% and less than or equal to 85% of the maximum axial width L0 of the bead; and a second end (122), the second end being radially at the same level as or on the outside of the first end and axially at the same level as or on the outside of the first end, the second end being chosen such that the distance LA separating the first end and the second end is greater than or equal to 30% of the mean length of said at least one anchoring alignment of annular reinforcing structures, and wherein the additional stiffening reinforcement (120) is formed by one single alignment of at least two annular reinforcing structures (124).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7088/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : TUBULAR COMPRESSIVE ORTHOSIS

(51) International classification :A61K
(31) Priority Document No :1051119
(32) Priority Date :17/02/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/050271
Filing Date :09/02/2011
(87) International Publication No :WO 2011/101578
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)MARIE GERARD**
**3)ALAIN COTTE**

(57) Abstract :
The invention relates to a tubular compressive orthosis (1) having an upper edge (2) defining a first knitted compression zone (3), and comprising, close to said upper edge (2), at least one grip element facilitating the process of putting on the orthosis. Characteristically, the grip element is a second knitted gripping zone (6, 7) arranged beneath the upper edge (2) and having a mesh density higher than the mesh density of the first compression zone (3).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7089/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR PREPARING AND DETOXIFYING

(51) International classification :C07C
(31) Priority Document No :A 88/2010
(32) Priority Date :21/01/2010
(33) Name of priority country :Austria
(86) International Application No :PCT/AT2011/000028
Filing Date :17/01/2011
(87) International Publication No :WO 2011/088488
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**4)GEORG WEIGERSTORFER**
**5)JAMES DONALDSON**

(57) Abstract :
The present invention concerns a method for processing and detoxification of a material, especially a thermoplastic material, and for removal of contaminants or impurities from this material, wherein the material is heated under vacuum in at least one receiving tank (1), mixed and possibly comminuted, and wherein a rinsing medium is introduced into the receiving tank (1) beneath the material level, conducted through at least a partial region of the material, and the rinsing medium enriched or saturated with contaminants is brought out from the receiving tank (1) once more. According to the invention, the quantity of rinsing medium introduced into the receiving tank (1) in the case of a gaseous rinsing medium is less than 0.1 Nm3 (normal cubic meters Vn) per hour per kilogram of material or material throughput per hour, and in the case of a liquid rinsing medium it is less than 0.1 liter per hour per kilogram of material or material throughput per hour, while at the same time the vacuum in the receiving tank (1) is kept constantly below 100 mbar. (Fig. 1)

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2012

(21) Application No.7131/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : TURBINE WHEEL AND METHOD FOR THE PRODUCTION THEREOF

(51) International classification :F02B39/00,F01D5/02,F01D5/14
(31) Priority Document No :102010008555.3
(32) Priority Date :19/02/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/US2011/023868
Filing Date :07/02/2011
(87) International Publication No :WO 2011/102984
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)SCHOLZ Georg**

(57) Abstract :
The invention relates to a turbine wheel (1) composed of a turbine wheel blank (2), having a turbine wheel back (3) and having a weld peg (Z) which is arranged on the turbine wheel back (3) via a transition region (5) provided with an undercut (4), wherein the undercut (4) is already provided in the turbine wheel blank (2).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6793/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MACROCYCLIC PYRIDAZINONE DERIVATIVES

(51) International classification :C07D487/18
(31) Priority Document No :13154391.0
(32) Priority Date :07/02/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/000337
Filing Date :07/02/2014
(87) International Publication No :WO 2014/121942
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present invention relates to compounds of formula (I) Wherein R1 R2 R3 R4 L and Z have the meaning given in claim 1 and their use in the prophylaxis and treatment of diseases.

No. of Pages : 127 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6794/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PYRIDAZINONE AMIDES DERIVATIVES

(51) International classification :C07D403/14
(31) Priority Document No :13154390.2
(32) Priority Date :07/02/2013
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2014/000316
Filing Date :06/02/2014
(87) International Publication No :WO 2014/121931
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present invention relates to compounds of formula (I) wherein R1 Ra Rb and Z have the meaning given in claim 1 and their use in the prophylaxis and treatment of diseases.

No. of Pages : 53 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2015

(21) Application No.6795/DELNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : TREATMENT METHODS

(51) International classification :A61K36/02,A61K36/03,A61K31/737
(31) Priority Document No :61/756570
(32) Priority Date :25/01/2013
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/AU2013/001504
Filing Date :20/12/2013
(87) International Publication No :WO 2014/113836
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)GARDINER Vicki Anne**
**4)STRINGER Damien**
**5)KARPINIEC Samuel**

(57) Abstract :
The present invention provides a method of treating a seaweed extract comprising a target molecule and a pyrogenic agent the method comprising the step(s) of: inactivating the pyrogenic agent and/or removing the pyrogenic agent wherein the method results in a reduction in pyrogenicity of the extract. The present methods are useful in the preparation of pharmaceutical compositions and biomaterials for which pyrogen removal is critical.

No. of Pages : 36 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012
(21) Application No.7084/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HYDROGEN-CONTAINING AMORPHOUS-CARBON-BASED HARD COVERING MEMBER AND PROCESS FOR PRODUCTION THEREOF •

(51) International classification :C07C
(31) Priority Document No :2010-008923
(32) Priority Date :19/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/050670
Filing Date :17/01/2011
(87) International Publication No :WO 2011/090002
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)KATSUHIRO TSUJI**

(57) Abstract :
In a member having a hydrogen-containing, amorphous carbon coating having a relatively smooth surface, similarly amorphous, fine carbon particles are dispersed in the hydrogen-containing, amorphous carbon coating to have improved cracking resistance while keeping smoothness on the surface and hardness in the entire coating. Specifically, fine particles discharged from a carbon cathode of an are evaporation source by arc discharge are introduced into the coating, so that similarly amorphous, fine carbon particles are dispersed in the hydrogen-containing, amorphous carbon coating.

No. of Pages : 23 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7085/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MEASURING CAP AND LIQUID CONTAINER •

(51) International classification :A47J
(31) Priority Document No :2010-021636
(32) Priority Date :02/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/052101
Filing Date :02/02/2011
(87) International Publication No :WO 2011/096415
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)TETSUHIRO OSAWA**

(57) Abstract :
A measuring cap (1, 1A, 1B, 1C) includes an outer cylinder part (2) threadably attached to an opening portion of a container body, a bottomed-cylindrical inner cylinder part (3) located inside the outer cylinder part (2), a ring-shaped wall (5) covering a gap between an edge portion of the outer cylinder part (2) and a cylindrical wall (4) of the inner cylinder part (3), and a ring-shaped sealing portion formed on an inner surface of the ring-shaped wall (5) in a projecting manner. The inner cylinder (3) has a pour portion (9) formed in a part of the cylindrical wall (4) and bent into a V shape in cross section. An upper part and a lower part of the cylindrical wall (4) of the inner cylinder part (3), divided by the ring-shaped wall (5), are formed to have substantially the same shape.

No. of Pages : 27 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014

(21) Application No.959/DEL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : NANOFABRICATION PROCESS INVOLVING CLAY MINERALS AS RECEPTACLES FOR MANUFACTURING ADVANCE NANOMATERIALS INCLUDING NOVEL FERTILIZER (PROCESS)

(51) International classification :B01J8/24
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)Dr. Anu Kalia**

(57) Abstract :
The present invention is related to development of a process for nanofabrication of desired material in the clay mineral receptacles for their potential applications as advance nanomaterials to agriculture and could be in industry. The process involved breakdown of bulk-form of clay-minerals along the planes of weakness by physical top-down method to nano-form. This is followed by transportation of desired ion/ ion pair (especially nutrient ion/ ions/ ion pairs) from solid to liquid phases, which occur through dispersion, and then intercalating them in group or, in sheet form into inter-lattice positions along 001 planes or, on broken bond sites. To avoid coagulation/ aggregate formation, the resultant product must be charged and remain in the dispersed state. The uniqueness of the invention is use of clay-minerals as receptacle for intercalating desired ions in sheet form.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7092/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COMPRESSION DRESSING

(51) International classification :A47J
(31) Priority Document No :61/306,629
(32) Priority Date :22/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/025581
Filing Date :21/02/2011
(87) International Publication No :WO/2011/103527
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)ZHANG LE**
**4)THOMAS A. CANADA**

(57) Abstract :
This disclosure relates to a compression dressing designed to provide moisture transport properties to a contact surface and compression therapy for patients with swelling due to various medical conditions. The compression dressing is minimally comprised of at least one layer of moisture transport fabric comprised of elastic fiber that exhibits a sufficient amount of elasticity to apply a compressive force to a body part when applied thereto. The compression dressing further provides one-way, active fluid management which can move fluid away from the skin. The compression dressing may also include at least one absorptive reservoir layer that is applied to the outer surface of the moisture transport fabric. This absorptive reservoir layer may be removed as needed without substantially disrupting the compressive force applied to a body part. The method for using the compression dressing to manage fluid movement and edema is also provided

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7093/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : NASAL CANNULA FOR CARBON DIOXIDE SAMPLING

(51) International classification :A61M16/00,A62B9/00,A62B7/00
(31) Priority Document No :PI2010001661
(32) Priority Date :14/04/2010
(33) Name of priority country :Malaysia
(86) International Application No :PCT/MY2010/000275
Filing Date :12/11/2010
(87) International Publication No :WO 2011/129681
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)LEOW Ngah Chai**

(57) Abstract :
A device to facilitate carbon dioxide sampling in the exhalation breath of a person comprising a single nasal prong (10) insertable into a nostril of the person having a first lumen (20) which allows gas passage from the nostril to the surrounding external air a second lumen (34) located within the first lumen (20). A tube (40) is connected at a first end (42) to an end of the second lumen (34) that is further from the nostril and connectable at a second end (44) to a carbon dioxide monitoring device (50). The carbon dioxide monitoring device (50) detects the level of carbon dioxide in the portion of the person s exhalation that passes through the second lumen (34). The portion of the person s exhalation that passes through the first lumen (20) is dispersed in the surrounding air.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7094/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SUBSTITUTED ALKENYLBENZENE COMPOUND OF FORMULA (4)

(51) International classification :C07D 261/04
(31) Priority Document No :2004-061749
(32) Priority Date :05/03/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP05/004268
Filing Date :04/03/2005
(87) International Publication No :WO 2005/085216
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :5144/DELNP/2006
Filed on :07/09/2006

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**2)TAKAMASA KIKUCHI**
**3)TAKASHI MIZUKOSHI**
**4)MANABU YAOSAKA**
**5)MITSUAKI KOMODA**

(57) Abstract :
Substituted alkenylbenzene compound of formula (4): wherein X1 to X4 are as herein described as in the specification and claims.

No. of Pages : 399 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2015
(21) Application No.835/DEL/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND APPARATUS FOR FLEXIBLE AND EFFICIENT ANALYTICS IN A NETWORK SWITCH

(51) International classification :H04L67/00
(31) Priority Document No :14/289,533
(32) Priority Date :28/05/2014
(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 :**
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**2)SCHMIDT, Gerald**
**3)DANIEL Tsahi**
**4)SHRIVASTAVA, Saurabh**

(57) Abstract :
Embodiments of the present invention relate to a centralized network analytic device, the centralized network analytic device efficiently uses on-chip memory to flexibly perform counting, traffic rate monitoring and flow sampling. The device includes a pool of memory that is shared by all cores and packet processing stages of each core. The counting, the monitoring and the sampling are all defined through software allowing for greater flexibility and efficient analytics in the device. In some embodiments, the device is a network switch,

No. of Pages : 28 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

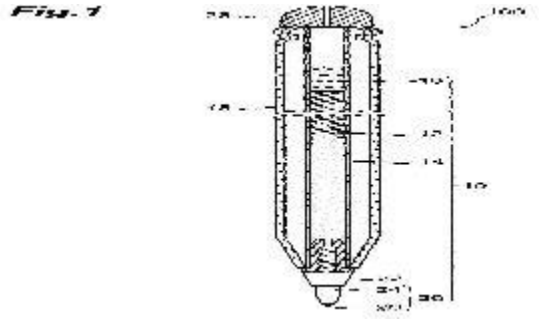
(21) Application No.7104/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : W/O TYPE EMULSION INK COMPOSITION FOR WRITING UTENSIL AND WRITING UTENSIL

(51) International classification :C09D11/16,B43K8/02
(31) Priority Document No :2010042314
(32) Priority Date :26/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/073627
Filing Date :27/12/2010
(87) International Publication No :WO 2011/104994
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**2)NEMOTO Eriko**
**3)FUSE Makoto**
**4)FUKAI Taku**

(57) Abstract :
Provided is a W/O-type emulsion ink composition for a writing utensil in which an aqueous component is dispersed in an oil component, wherein the oil component comprises a fluorescent colorant, and the aqueous component comprises a fluorescent whitener and water.



No. of Pages : 31 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012
(21) Application No.7105/DELNP/2012 A
(43) Publication Date : 04/12/2015

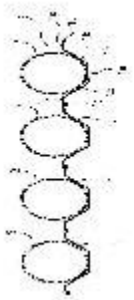
(54) Title of the invention : STEEL WALL AND CONSTRUCTION METHOD FOR STEEL WALL

(51) International classification :E02D5/04,E02B3/14,E21B7/00
(31) Priority Document No :2010108113
(32) Priority Date :10/05/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/060784
Filing Date :10/05/2011
(87) International Publication No :WO 2011/142367
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)TANAKA Hiroyuki**
**3)KAMEYAMA Akihisa**
**4)NISHIYAMA Teruki**
**5)OKAMOTO Masanobu**
**6)OTSUSHI Kazutaka**

(57) Abstract :
Disclosed is a steel wall provided with both excellent rigidity and excellent waterproofing properties. Also disclosed is a construction method for a steel wall whereby a construction method that suppresses vibration and noise which was difficult with conventional composite sheet steel pile can be readily used. Said steel wall (3) is formed by a combination of hat shaped sheet steel piles (1) as sheet steel pile and steel pipes (2). In this steel wall (3) a plurality of hat shaped sheet steel piles (1) are connected by joints (1d) to provide a sheet steel pile wall and steel pipes (2) touch all or part of the hat shaped sheet steel piles (1) in this sheet steel pile wall with the longitudinal direction of the pipes following the longitudinal direction of the hat shaped sheet steel piles (1).

Fig.1



No. of Pages : 73 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7106/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PASTE COMPOSITION FOR ELECTRODES, AND SOLAR CELL

(51) International classification :H01B1/22,H01B1/00,H01L31/04
(31) Priority Document No :2010013512
(32) Priority Date :25/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/051366
Filing Date :25/01/2011
(87) International Publication No :WO 2011/090215
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)IWAMURO Mitsunori**
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**5)KIZAWA Keiko**
**6)AOYAGI Takuya**
**7)YAMAMOTO Hiroki**
**8)NAITO Takashi**
**9)KATO Takahiko**

(57) Abstract :
Disclosed is a paste composition for electrodes in which the oxidation of copper during firing is inhibited and which can be used to form electrodes exhibiting low resistance. Also disclosed is a solar cell having electrodes formed using the paste composition for electrodes. The paste composition for electrodes comprises: copper containing particles having a peak temperature of at least 280°C for an exothermic peak which represents the maximum area in thermogravimetric/differential thermal analysis; glass particles; a solvent; and a resin. The solar cell has electrodes formed using the paste composition for electrodes.

No. of Pages : 51 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2012

(21) Application No.7599/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : LIGHTING PLANT AND METHOD OF USING THE SAME

(51) International classification :H04N
(31) Priority Document No :201001107
(32) Priority Date :22/07/2010
(33) Name of priority country :EAPO
(86) International Application No :PCT/RU2011/000543
Filing Date :21/07/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)NALITCHAEV Ilia Borisovitch**
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**1)NALITCHAEV Boris Vladimirovitch**
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(57) Abstract :
The engineering solution relates to means for lighting a territory mainly under emergency conditions. Advantageous effect of the invention is improving reliability and stability of a lighting plant increasing convenience of carrying thereof and providing protection thereof during transportation. The advantageous effect is attained by a lighting plant comprising a base with supports an inflatable shell secured to the base and at least one electric lamp positioned inside the shell. The inner cavity of the shell is in communication with an air blower installed in the base. Each support has at least one joint enabling turn of the support and means for fixing the support in its working positions.....

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7117/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ANTIMICROBIAL COMPOUNDS AND FIBRES THEREOF •

(51) International classification :C08F
(31) Priority Document No :2010/00813
(32) Priority Date :04/02/2010
(33) Name of priority country :South Africa
(86) International Application No :PCT/IB2011/000158
Filing Date :01/02/2011
(87) International Publication No :WO 2011/095867
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)KLUMPERMAN Lubertus**

(57) Abstract :
An antimicrobial polymer compound is provided having the formula (I) in which R is selected to provide acceptable characteristics to the compound. R is preferably selected from simple alkyl chains having from 1 to 15 carbon atoms and generally no more than 4 or 6 carbon atoms; tertiary amine groups having short chain alkyl groups with from 1 to 15 carbon atoms and generally no more than 4 or 6 carbon atoms; aromatic compounds having only one aromatic ring with one or more simple substituents such as hydroxide; and quaternary ammonium salts, preferably bromide or iodide, wherein the substituents are short chain alkyl groups with from 1 to 15 carbon atoms and generally no more than 4 or 6 carbon atoms. The antimicrobial polymer compound may be formed into fibers, especially nano fibers, and the fibers may be formed into filter elements especially for air or water.

No. of Pages : 26 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2012

(21) Application No.7118/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MACHINE TOOL AND METHOD FOR MACHINING A WORKPIECE

(51) International classification :B24B33/02
(31) Priority Document No :10 2010 002 019.2
(32) Priority Date :17/02/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/051445
Filing Date :02/02/2011
(87) International Publication No :WO 2011/101243
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)GOLZ Hans Ulrich**
**2)BAYHA Thomas**
**3)ABELN Tobias**

(57) Abstract :
The invention relates to a machine tool comprising at least one tool spindle (18a 18b; 52) on which a tool (56; 80; 82) can be detachably fixed and by means of which the tool (56; 80; 82) can be rotated and a workpiece support (32) the at least one tool spindle (18a; 18b; 52) and the at least one workpiece support (32) being able to be slid relative to each other characterized in that the at least one tool spindle (52) comprises a loading device (60; 164) acting on at least one linearly displaceable bar (64) of a tool (56) fixed to the at least one tool spindle (52) and that the at least one tool spindle comprises a motor device (66) coupled to the loading device (60) and driving a linear displacement of the at least one bar (64) by means of the loading device (60) and that a set of tools (56) is provided comprising at least one first tool (78) and one second tool (82) by which different machining steps can be carried out on a workpiece wherein the tools (56) can each be fixed to the at least one tool spindle (52) and the tools (56) each comprise at least one bar (64) on which the loading device (60) of the at least one tool spindle (52) acts when a tool (56) is fixed to the at least one tool spindle (52).

No. of Pages : 39 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014

(21) Application No.961/DEL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PROCESS FOR MANUFACTURING MOSQUITO REPELLING INCENSE

(51) International classification :A01N25/18
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)SURDEEP KUMAR SAINI**

(57) Abstract :
Process For Manufacturing Mosquito Repelling Incense A process for manufacturing mosquito repelling incense preferably in the form of coils comprises of granulating a mixture of dry ingredients to obtain granules of dry powder. The dry powder is further processed to form mosquito repelling incense.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2012

(21) Application No.7158/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD OF FABRICATING MICRO-DEVICES

(51) International classification :B66D
(31) Priority Document No :12/707,731
(32) Priority Date :18/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/024672
Filing Date :13/02/2011
(87) International Publication No :WO 2011/103041
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)CHRIS C. YU**

(57) Abstract :
Methods for fabricating new types of micro-devices for biological and medical applications are disclosed. These novel methods employ microelectronics process technologies and novel process flows to fabricate micro-devices that have improved performance, flexibility and the ability for disease detection and treatment at microscopic levels. These micro-devices have reduced costs over the conventional methodologies and vehicles found in current medical treatment modalities. Micro-devices fabricated using the disclosed nano-technological techniques have significant improvements in many areas over the existing, conventional methods. Such. improvements include, but are not limited to reduced overall costs, early disease detection/diagnosis, targeted drug delivery, targeted disease treatment and reduced degree of invasiveness in treatment. Compared with existing, conventional approaches, the said inventive approach disclosed in this patent application is much more microscopic, sensitive, accurate, precise, flexible and effective. This novel approach is able to deliver a superior level of performance in medical treatments over the existing modalities.

No. of Pages : 71 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2012

(21) Application No.7159/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD TO PRODUCE URETONIMINE-MODIFIED ISOCYANATE COMPOSITION

(51) International classification :C07C
(31) Priority Document No :10158308.6
(32) Priority Date :30/03/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/053080
Filing Date :02/03/2011
(87) International Publication No :WO 2011/120750
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**2)NICOLE MANGELSCHOTS**

(57) Abstract :
A method to produce uretonimine-modified isocyanate composition comprises - Providing an organic isocyanate composition having two or more isocyanate groups; - Reacting, in the presence of a suitable catalyst, said polyisocyanate composition to form uretonimine-modified isocyanate composition comprising carbodiimide groups and uretonimine groups; - terminating said reacting by the addition of an amount of oxalic acid mono alkyl ester halide.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2012

(21) Application No.7160/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CHILLED BEAM DEVICES  SYSTEMS  AND METHODS

(51) International classification :B66D
(31) Priority Document No :61/297,800
(32) Priority Date :24/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/022287
Filing Date :24/01/2011
(87) International Publication No :WO 2011/091380
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)ANDREY V. LIVCHAK**

(57) Abstract :
A chilled beam system may incorporate a terminal unit to provide additional heating and cooling capacity including latent cooling. In a system, terminal units may be distributed and connected to cooperate with a primary air stream from a central air handling unit. The chilled beam and/or terminal units may employ features for enhancing heating mode operation. Control embodiments take advantage of the additional capabilities described.

No. of Pages : 43 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2012

(21) Application No.7161/DELNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PROCESSES FOR MAKING CYCLOPROPYL AMIDE DERIVATIVES AND INTERMEDIATES ASSOCIATED THEREWITH

(51) International classification :C07C
(31) Priority Document No :61/305,583
(32) Priority Date :18/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2011/050171
Filing Date :17/02/2011
(87) International Publication No :WO/2011/102794
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)ROBERT STRANNE**

(57) Abstract :
Presented herein are processes for making cyclopropyl amide derivatives of formula I, and/or pharmaceutically acceptable salts thereof, and intermediates associated therewith. At least one cyclopropyl amide derivative of formula I, or pharmaceutically acceptable salt thereof is useful to treat at least one histamine H3 receptor associated condition.

No. of Pages : 28 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/05/2014

(21) Application No.1764/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FORMULATION AND EVALUATION OF PHYTOSOMES OF WITHANOLIDE: A HERBAL FORMULATION

| | |
|---|---|
| (51) International classification | :A61K36/00, A61K9/00 |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

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**3)DR. NILESH JAIN**
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**2)DR. DEEPTI JAIN**
**3)DR. NILESH JAIN**

(57) Abstract :
To improve the bioavailability or absorption of poorly lipid soluble drug, due to which herbal active constituent can cross the lipid membrane, and they show better absorption by combining with phosphatidylcholine. By combining herbal active constituent with phosphatidylcholine the absorption of phytosome is increased. Most of the biologically active components of herbal drugs are water soluble e.g. flavonoids. terpenoids etc. However, these are poorly absorbed due to their large molecular size range (limited/no passive diffusion) or due to poor permeability through the lipid membranes resulting in poor bioavailability. Some herbal components in extracts get destroyed in gastric environment, led to low bioavailability thereby limiting the clinical utility of these plant extracts. Complexation with some clinically useful nutrients such as phospholipids substantially improves the bioavailability of these active components. So these water soluble components could be converted into the lipid compatible complexes by using the phospholipids from soy, mainly phosphotidylcholine. These are called as Phytosome and can easily cross the lipid membranes. Phytosome led to enhanced solubility of the poorly lipid soluble drugs and increase in the bioavailability was reported due to increased absorption in the GIT. A number of methods have been reported for preparation of the Phytosome. In phytosome, the complexation of phospholipids and water soluble active plant components involve chemical bond formation and therefore more stable. Whereas in liposomes no chemical bond is formed. phosphatidylcholine molecules simply surround the water soluble components. Phospholipids are also employed as natural digestive aids and carriers for water soluble and lipid soluble nutrients. Due to improved absorption characteristics, phytosome are more bioavailabie than conventional herbal extracts of withaferin. Therefore It is worthwhile to form complex of phosphatidylcholine with active constituent withanoIide-A of herbal plant Withania Somnifera(L) improve the bioavailability and reaches faster to the site of action. This complex form can easily cross lipid membrane and they show better absorption.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/05/2014
(21) Application No.1765/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HEAT RECOVERY HEAT EXCHANGER FOR DUST LADEN FLUE GASES USING CORRUGATED TUBES AND SYSTEM THEREOF

| | |
|---|---|
| (51) International classification | :F28D 21/00 |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

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**1)ATRE, ASHOK DATTATRAYA**

(57) Abstract :
A heat recovery heat exchanger system for dust laden flue gases dust laden flue gases using corrugated tubes comprises a evaporator (1) having matrix of cassettes of corrugated tubes (3) formed by number of corrugated water tubes (3) fixed between upper header (4) and bottom header (7), placed side by side; an economizer (2) having matrix of cassettes of corrugated tubes (3) formed by number corrugated water tube (3) fixed between upper header (4) and bottom header (7) and placed side by side, located below the said evaporator (1) in the flue gas path flowing in downward direction parallel to the axis of said corrugated tubes; the matrix of tubes of the said evaporator (1) and economizer (2) supported on the said top headers (4) to hang freely under self weight in the fuel gas path; a feed water inlet provided to the said bottom header (7) of economizer (2); an out let of the said top header (4) of the economizer (2) connected to an inlet provided at upper side of a steam drum (5); a hot feed water outlet provided to the said drum (5) at lower side connected to the inlet of the bottom header (7) of the said evaporator (1); an outlet for saturated water at the said top header (4) connected to the inlet provided on the upper side of the said steam drum (5); mechanical hammers / vibrators (6) provided to the said tube cassets of the boiler and economizer to dislodge the dust. A heat recovery heat exchanger system for dust laden flue gases using corrugated tubes comprises a evaporator (1) having cassettes of corrugated tubes (3) formed by number of corrugated tubes arranged horizontally one above other corrugated water tubes (3) connected at both ends with 180 degree bends wherein the said cassettes placed side by side are fixed between upper header (4) and bottom header (7) respectively to form a matrix, an economizer (2) having cassettes of corrugated tubes (3) formed by number of corrugated tubes arranged horizontally one above other corrugated water tubes (3) connected at both ends with 180 degree bends wherein the said cassettes placed side by side are fixed between upper header (4) and bottom header (7) respectively to form a matrix, located below the said evaporator in the flue gas path flowing in down ward direction perpendicular to the axis of said corrugated tubes; the matrix of tubes of the said evaporator (1) and economizer (2) supported on the said top header (4) to hang freely under self weight in the fuel path; a feed water inlet provided to the said bottom header (7) of economizer (2); an out let of the said top header (4) of the economizer (2) connected to an inlet provided at upper side of a steam drum (5); a hot feed water outlet provided to the said steam drum (5) at lower side connected to the inlet of the bottom header (7) of the said evaporator (1); an outlet for saturated water at the said top header (4) connected to the inlet provided on the upper side of the said steam drum (5); mechanical hammers / vibrators (6) provided to the said tube matrix of the boiler and economizer to dislodge the dust. REFERENCE FIGURE 1 AND 2

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2014

(21) Application No.139/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PROTECTION SYSTEM FOR A TIPPER VEHICLE

| | |
|---|---|
| (51) International classification | :B60P1/04, B60P1/28 |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)**Name of Applicant :**
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Address of Applicant :PLOT # EL-215, MIDC, MAHAPE, NAVI MUMBAI 400 710, MAHARASHTRA, INDIA
Maharashtra India
(72)**Name of Inventor :**
**1)PRAJAPATI LALTAPRASAD**
**2)RAJAGURU G.V**

(57) Abstract :
A tipper body (100) is disclosed. The tipper body (100) includes a cab protection cover (104) comprising a main panel (127), side frame members (129) along lateral ends of the main panel (127), and at least one reinforcement beam (128) secured on the main panel (127) and extending transversely between the side frame members (129).

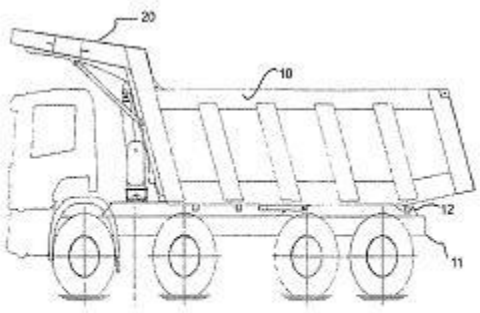



FIGURE 1

No. of Pages : 22 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2014

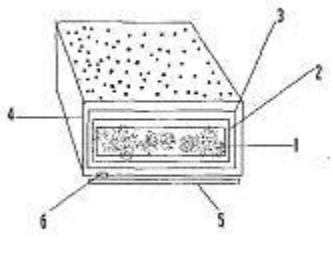
(21) Application No.1777/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : BATHROOM AND INDOOR SOFT MAT WITH CHANGEABLE COVER

(51) International classification :A61H33/14, A61H33/02
(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)VISHRAM Y. ABHYANKAR**
Address of Applicant :A/302, AMEYA, R.B.I. C.H.S., NEW PRABHADEVI ROAD, OPP. MARATHE UDYOG BHAWAN, PRABHADEVI, MUMBAI 400 025 Maharashtra India
(72)**Name of Inventor :**
**1)VISHRAM Y. ABHYANKAR**

(57) Abstract :
Bathroom and indoor soft mat with Changeable cover, relates to indoor and bathroom mats used after bath or shower to prevent slipping on the floor, combination of Soft or core inner member material like sponge with single or multiple layers with single or multiple cover layers on it, changeable cover gives clean, hygienic, and washable properties, covers are made of woven or non woven, synthetic or natural, water resistant or non water resistant or combinations of fabric materials, of different size and shapes, with optional antiskid material layer at the bottom side and with optional locking system for cover itself.




No. of Pages : 9 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2014

(21) Application No.1778/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SIMPLE ALTERNATIVE APPARATUS TO PROVIDE FLUID FLOW THEREBY ELIMINATING A CONVENTIONAL HYDRAULIC PUMP

| | | |
|---|---|---|
| (51) International classification | :F16H 61/00, F04B 1/00 | (71)**Name of Applicant :** **1)AMIT ARUN GOKHALE** Address of Applicant :C/O. MR.J.D.APTE, BUNGALOW NO.19, VAIKUNTH BUNGALOWS, SINDHI SOCIETY, NEAR VIVEKANAND POLYTECHNIC, CHEMBUR MUMBAI 400071 Maharashtra India **2)ANAND ARUN GOKHALE** |
| (31) Priority Document No | :NA | |
| (32) Priority Date | :NA | |
| (33) Name of priority country | :NA | |
| (86) International Application No | :NA | |
| Filing Date | :NA | (72)**Name of Inventor :** **1)AMIT ARUN GOKHALE** **2)ANAND ARUN GOKHALE** |
| (87) International Publication No | : NA | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | : | |
| Filed on | :01/01/1900 | |

(57) Abstract :
The Said Simple Alternative Apparatus to provide fluid flow thereby eliminating a conventional hydraulic pump as described in this application is a simple apparatus which uses one or more simple hydraulic cylinder which is mechanically operated due to conversion of the rotary motion of the prime mover into a reciprocating action due to mechanical linkage and thus generates displacement of fluid in both side strokes. The flow capacity in liters per minute can be changed by simply changing the dimensions of the cylinder. A higher fluid flow can be achieved even at lower rpm due to such a simple apparatus which can successfully replace a conventional hydraulic pump and reduce the capital as well as operational cost. Most importantly larger flows can be available for hydraulic circuits even at much lower rpm. The apparatus also reduces the replacement & repair cost by huge margin and adds to simplicity as normal hydraulic cylinders are easily available in various dimensions.

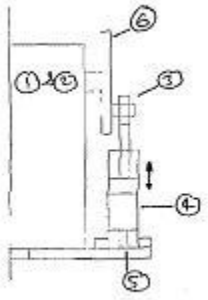


FIG. NO. 1

No. of Pages : 21 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2014

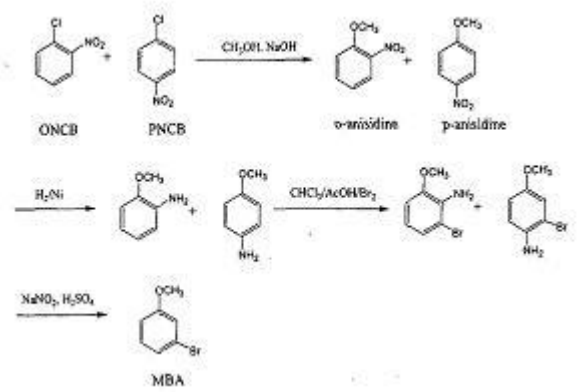
(21) Application No.1779/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : NEW ROUTE OF SYNTHESIS OF M-BROMOANISOLE

(51) International classification :C07C43/225, C07C41/16
(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)ADHIRATH SANJAY WAGH**
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**1)ADHIRATH SANJAY WAGH**
**2)SHILPA SUDHAKAR HARAK**
**3)SUHAS SUDHAKAR LAVHEKAR**
**4)NAJMA NAJIRAHMED INAMDAR**
**5)PRASAD LAXMAN GORDE**

(57) Abstract :
The present investigation reports a new simple and cost effective method for the synthesis of m-bromoanisole. The present investigation utilizes the p-nitrochlorobenzene and o-nitrochlorobenzene mixture available commercially. This mixture is converted to p-nitroanisole /o-nitroanisole by treatment with sodium methoxide at elevated temperature and pressure. This mixture is further hydrogenated to o-anisidine / p-anisidine. Bromination of this mixture at lower temperature gives a mixture of 3 products viz. 2-bromo-4-methoxyaniline, 2-methoxy-4-bromoaniline, 2-methoxy-6-bromoaniline.This mixture is deaminated using sodium nitrite, hydrochloric acid, ethanol and copper powder to a single product m-Bromoanisole in 70% yield.




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

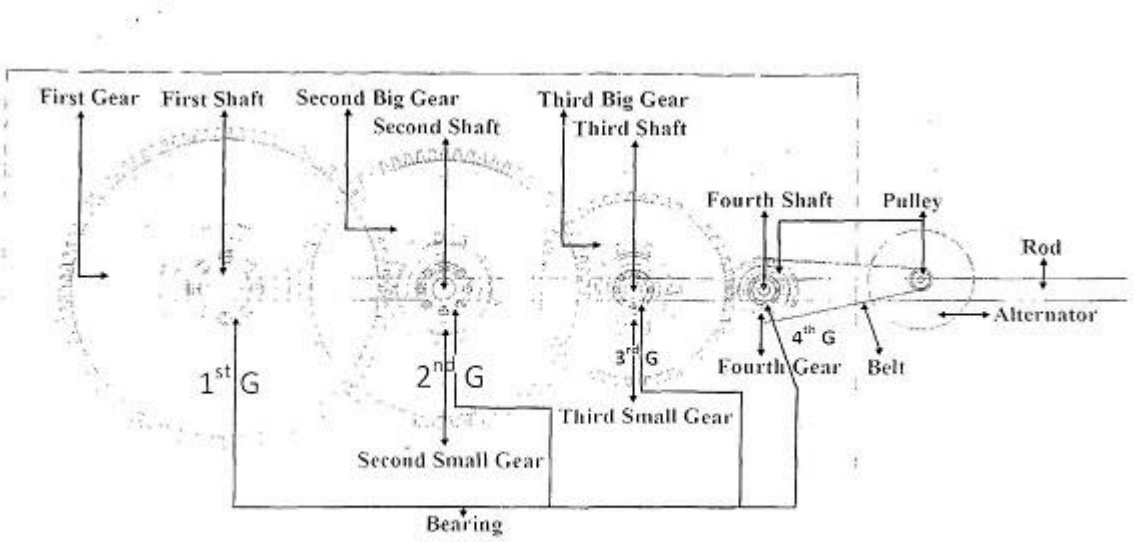
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2013

(21) Application No.1564/MUM/2013 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ECOFRIENDLY ELECTRICITY GENERATION

| | | |
|---|---|---|
| (51) International classification | :B60L11/18, H02K 7/00 | (71)**Name of Applicant :** |
| (31) Priority Document No | :NA | **1)SANJAY GOVINDRAO VAIDYA** |
| (32) Priority Date | :NA | Address of Applicant :MHADA COLONY, HIG 4/49, C.B.S. |
| (33) Name of priority country | :NA | ROAD, AURANGABAD-431001, M.S., INDIA. Maharashtra |
| (86) International Application No | :NA | India |
| Filing Date | :NA | **2)RAKESH LAXMANRAO KALE** |
| (87) International Publication No | : NA | **3)RAJESH HAARINARAYANRAO SAWANT** |
| (61) Patent of Addition to Application Number | :NA | (72)**Name of Inventor :** |
| Filing Date | :NA | **1)SANJAY GOVINDRAO VAIDYA** |
| (62) Divisional to Application Number | :NA | **2)RAKESH LAXMANRAO KALE** |
| Filing Date | :NA | **3)RAJESH NARAYANRAO SAWANT** |

(57) Abstract :
It is two stage assembly which contain Gears, Shaft, Plate, Pulleys, Drive Rod, Belt, Alternator, Bearings and Alternator stand. This assembly is horizontal assembly. It is increase gear box assembly. When drive rod apply force the whole assembly rotates and alternator gets required R.P.M. This is help to generates electrical energy. Drive rod takes any energy like animal physical energy, electrical energy, Kinetic energy or any energy which can drive assembly and gives required R.P.M. to the alternator to generate electrical energy. The 1st shaft, 1st big gear and rod are connected as a single unit. The 1st small gear, 2nd big gear and 2n shaft are connected as a single unit. 2nd small gear, pulley and 3r shaft are connected as a single unit. 1st big gear and 1st small gear connected through their meshed gears so that if the 1st shaft rotates, the 2nd shaft and 3r shaft, In this way, receives its power directly from the 1st big gear which is attached to the drive rod as shown in fig. When we apply any force to drive rod gear box is starting to rotate. Force apply to drive rod (Any force which can give required R.P.M. to the alternator).The teeth ratio of gear designed such way that can be give required R.P.M. to the alternator. Both pulleys connected by belt which is capable to give required R.P.M to alternator. When alternator gets required R.P.M. its generates electrical energy. Size of gear teeth, module, gear, shaft, pulley, plate, drive rod and belt changed according to capacity of alternator (for Ex.5 10kw, 15kw atc.)




Top GE-Model

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/05/2014

(21) Application No.1755/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : Alerting, Monitoring, and Reporting Device for Preventing Snatch Theft • ,

(51) International classification :G08B21/24, G08B15/00, H04N7/18
(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 :747/MUM/2014
Filed on :01/01/1900
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)REGENT R&D Technologiess P. Ltd**
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(72)**Name of Inventor :**
**1)Amol Panjabrao Kore**
**2)Ashish Chandrakant Gaikwad**
**3)Krishnakant Vasantrao Raskar**

(57) Abstract :
The present invention there is provided an alerting and monitoring device for preventing snatch theft of valuables, such as ornaments bags and the like of a person. The alerting device having a buzzer, a ferrite coil transformer, a light source, a camera, a GPS, a fingerprint reader, a microphone, a flash memory, a GSM GPRS connectivity and a Bluetooth. the, controller unit is connected to and generates simultaneous trigger for operating the buzzer, the ferrite coil transformer , the light source, the camera, the GPS, the fingerprint reader, the microphone, the flash memory, the GSM GPRS connectivity and the Bluetooth. Therefore, upon breaking of the ornament or other asset, the controller triggers and activates the buzzer for producing sound, the Ferrite coil transformer for passing current in the ornament or valuable asset, the light source for producing light, the camera for capturing images, a microphone for recording sound, the flash memory for storing captured images, fingerprint images, audio and videos, the fingerprint reader for capturing fingerprint images instantly thereby alerting people around the person and send the aforesaid data to a device through at least one of the Bluetooth and the GPRS.

No. of Pages : 22 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/07/2014

(21) Application No.2428/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : VEHICLE AUTO-MOTION CONTROL SYSTEM

(51) International classification :B64C13/18, B64C13/20
(31) Priority Document No :14/027,996
(32) Priority Date :16/09/2013
(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 :**
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(72)**Name of Inventor :**
**1)BUERKLE BRYAN K**
**2)DUPPONG STEVEN A**
**3)HAN SHUFENG**
**4)TURNER CHRISTOPHER D**

(57) Abstract :
An automatic control system moves a vehicle so that it can be coupled to an implement. The vehicle has propulsion and steering controls which respond to electronic input signals. A visual target is mounted on the implement. Vehicle mounted cameras generate images of the target. A motion control unit receives and processes the images, and generates vehicle movement commands as a function of the images which are communicated to the propulsion and steering controls. The motion control unit includes a perception engine connected to the cameras, a controller connected to the perception engine, and a vehicle/operator interface which is connected to the controller, and to the propulsion and steering controls. The perception engine captures images from the cameras, un-distorts the images, and searches for the target. If the target is found, the perception engine recovers vehicle posture information and transmits said information to the controller.

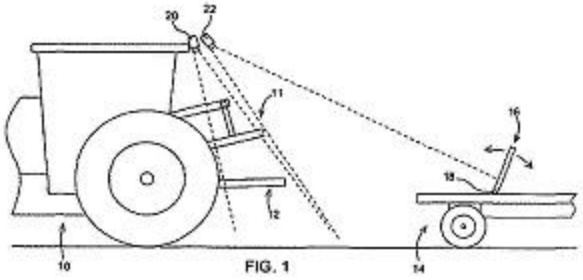


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2014
(21) Application No.1792/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AN AMORPHOUS FORM OF DIMETHYL FUMARATE AND PROCESS FOR ITS PREPARATION

(51) International classification :A61K31/225, A61K9/00
(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)CADILA HEALTHCARE LIMITED**
Address of Applicant :CADILA HEALTHCARE LIMITED ZYDUS TOWER, SATELLITE CROSS ROADS AHMEDABAD Gujarat India
(72)**Name of Inventor :**
**1)KHERA BRIJ**

(57) Abstract :
AN AMORPHOUS FORM OF DIMETHYL FUMARATE AND PROCESS FOR ITS PREPARATION ABSTRACT The present invention provides an amorphous form of dimethyl fumarate of Formula (I). The amorphous form of dimethyl fumarate has less than about 5% crystalline dimethyl fumarate. The present invention also provides process for preparation of amorphous form of dimethyl fumarate comprising providing a solution of dimethyl fumarate in one or more organic solvents; and obtaining amorphous form of dimethyl fumarate by removal of solvent. (I)

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2014

(21) Application No.1794/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : Mobile device with biometric and Alcohol Sensor

| | | |
|---|---|---|
| (51) International classification | :G06K 9/00, G06F 21/00 | (71)**Name of Applicant :** **1)Naresh Laxminarayan Grover** Address of Applicant :245H, Rajlaxmi Marg, Civil Lines, Nagpur-440001 Maharashtra India |
| (31) Priority Document No | :NA | |
| (32) Priority Date | :NA | (72)**Name of Inventor :** |
| (33) Name of priority country | :NA | **1)Naresh Laxminarayan Grover** |
| (86) International Application No<br>Filing Date | :PCT//<br>:01/01/1900 | |
| (87) International Publication No | : NA | |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA | |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA | |

(57) Abstract :
Present invention in general relates to a rugged mobile device particularly to the Mother Board which is a unique combination of biometric Thumb Reader, Extra GPS and alcohol Sensor configured on a mobile board. The rugged mobile device is having multiple uses will be used for attendance, identification, recognition, authorisation. Apart from in-built GPS The rugged mobile is having an extra GPS due to which the results of the Latitude and Longitude position would be highly accurate with accuracy less than 2.5 meters. It can also conduct test of breath as to measure the blood Alcohol Count present in the human body if any, while performing any activity or work. Following invention is described in detail with the help of Figure 3 of sheet 2 shows the diagram of Front and back of mobile device.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/06/2014

(21) Application No.2084/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYSTEM TO TRANSFER PERSONAL FINANCIAL INFORMATION AND OTHER HARD-TO-REPLACE DOCUMENTS TO A SELECTED RECIPIENT, POST-DEATH

(51) International classification :G06Q50/18, G06Q10/10
(31) Priority Document No :61845275
(32) Priority Date :11/07/2013
(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 :**
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(72)**Name of Inventor :**
**1)LALWANI NAVIN**

(57) Abstract :
A safe, secure and reliable process allows a family member to select one or more loved ones who should be able to receive all the financial details, hard to replace documents, and other information of a person in case of an unfortunate sudden death. The system and methods surrounding this process can help avoid the various follow ups and errands that might be required with various agencies, such as banks, creditors, tax agents, insurance companies, and the like, to find all of the related and necessary information.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2014

(21) Application No.248/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PROTEIN RICH BISCUITS FORTIFIED WITH SOY PROTEIN ISOLATE AND WHEY PROTEIN CONCENTRATE

(51) International classification :A23L1/30
(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

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(72)**Name of Inventor :**
**1)PARATE, VISHAL RADHELAL**
**2)MOKASHI, MANGESH L.**

(57) Abstract :
The invention relates to a nutritional biscuits rich in energy, protein & vitamins to fight the malnutrition problem and process for preparation of the same. The present invention specifically relates to preparation of energy and protein rich biscuits fortified with soy protein isolate (SPI) and whey protein concentrate (WPC) as protein source. The optimized combination of soy protein isolate (SPI) and whey protein concentrate in the present invention will help to provide food supplement which is a source of high and good quality protein but at the same time are offering many health benefits in malnourished children, pregnant women as well as lactating mother.

No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

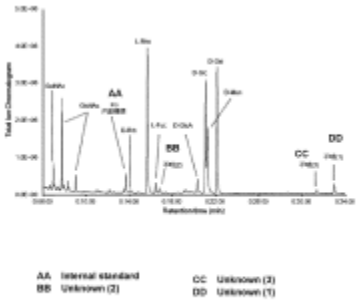
(21) Application No.151/MUMNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : POLYSACCHARIDE COMPOSITION CONTAINING POLYSACCHARIDE AND IMMUNOSTIMULATING AGENT

| | |
|---|---|
| (51) International classification | :A61K31/715,A61K35/64,A61P37/04 |
| (31) Priority Document No | :2012-166573 |
| (32) Priority Date | :27/07/2012 |
| (33) Name of priority country | :Japan |
| (86) International Application No<br>Filing Date | :PCT/JP2013/069834<br>:22/07/2013 |
| (87) International Publication No | :WO 2014/017451 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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**2)MIURA Chiemi**
**3)OHTA Takashi**
**4)IWAI Toshiharu**
**5)TAKAHASHI Takayuki**

(57) Abstract :
The conventional polysaccharides having an immunostimulating activity have been used as medicinal agents health foods and additives for livestock and fish feeds. However most of the conventional polysaccharides do not exert a satisfactory immunostimulating activity. In these situations the development of a composition which is inexpensive and exerts a high immunostimulating activity has been demanded. The present invention provides: a polysaccharide which is originated from an insect and has an immunostimulating activity; a composition containing the polysaccharide; and an immunostimulating agent containing the polysaccharide as an active ingredient. The polysaccharide according to the present invention preferably has at least rhamnose as a constituent sugar.




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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2014

(21) Application No.1800/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A METHOD OF METAL TREATMENT BY A SQUEEZING PROCESS.

(51) International classification :C23C22/73, C23G1/02
(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

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(72)**Name of Inventor :**
**1)MUDRAGADA SATHYANARAYANA**
**2)SHAIKH BASHIT**
**3)SATHE MAHESH**
**4)NEMADE JANAMEJAY**

(57) Abstract :
A method of metal treatment by a squeezing process, said process comprising the steps of: at least a first step of casting wherein liquid metal is poured in a die in order to cast it in a required shapes aid casting being done at a first pre-defined temperature; at least a second step of allowing said casted metal to cool up to a second pre-defined second temperature in order to obtain die-casted metal; at least a third step of further heating said die casted metal, in a furnace, up to a third predefined temperature with predetermined time; at least a fourth step of holding (or soaking) said die casted metal up to a first pre-defined period of time at a fourth pre-defined temperature; at least a fifth step of removing said die-casted metal from furnace and squeezing said die cast metal with an aligned body adapted to exert intended pressure and allowing said die-casted metal to reach up to a fifth pre-defined temperature; at least a sixth step of heating said squeezed die casted metal up to a sixth pre-defined temperature for a second pre-defined period of time; at least a seventh step of furnace cooling said squeezed die casted metal up to a seventh pre-defined temperature; and at least an eighth step of quenching said squeezed furnace cooled die casted metal up to an eighth pre-defined temperature.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2014

(21) Application No.2495/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HANGER MOUNT FOR A RECIPROCATING SIEVE

(51) International classification :A01F12/44
(31) Priority Document No :14/032,809
(32) Priority Date :20/09/2013
(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)DEERE & COMPANY**
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(72)**Name of Inventor :**
**1)ADAMSON JAMES K**
**2)WALTER JEFFREY R**
**3)PEARSON MARK L**

(57) Abstract :
A hanger mount (206, 208, 210, 212) is provided for a reciprocating sieve assembly (106,108) having a left side longitudinal member (300, 308), a right side longitudinal member (302, 310), a forward transverse member (304, 312), and a rearward transverse member (306, 314), wherein the hanger mount is a unitary body that has and defines a hanger connection (1000, 1100,1200,1300) that is configured to be coupled to a reciprocating hanger (110, 112); a first mounting surface (1006, 1010, 1106, 1110, 1206, 1210,1306, 1310) that is configured to be fixed to one of the longitudinal members (300, 308, 302, 310); and a second mounting surface (1025,1125, 1225, 1325) that is configured to be fixed to one of the transverse members (304, 312, 306, 314).

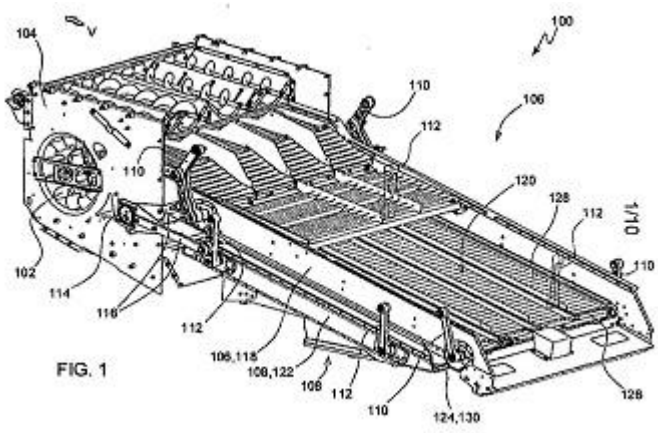


FIG. 1

No. of Pages : 39 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2013

(21) Application No.1678/MUM/2013 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : STABLE PALONOSETRON INJECTION.

| | |
|---|---|
| (51) International classification | :A61K9/08, A61K31/473 |
| (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)ASTRON RESEARCH LIMITED**
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(72)**Name of Inventor :**
**1)ADITYA PATEL**
**2)DR. PALLERLA BHASKAR**
**3)ASHISH SEHGAL**

(57) Abstract :
The present invention relates to a stable palonosetron injection comprising palonosetron or a pharmaceutically acceptable salt thereof as active ingredient for preventing and/or reducing emesis. In particular, the present invention relates to a stable palonosetron injection, wherein the pH of the injection is less than 4.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2014

(21) Application No.1770/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A SYSTEM AND METHOD FOR A LOCATION-AWARE REMINDER MECHANISM

(51) International classification :G01C21/00, G06F7/00, G06Q10/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)PRASAD CHANDAN**
(72)**Name of Inventor :**
**1)RATHOD SUNIL**
**2)PRASAD CHANDAN**

(57) Abstract :
A system for a location-aware reminder mechanism as claimed in claim 1, said system comprising: at least a location monitoring mechanism in order to monitor and determine location of a mobile system at all times; at least a zone creation mechanism in order to allow a user to create at least a zone for a particular location, said zones further being defined in terms of threshold values; a mobile system interface configured to control at least a mobile system function(s); and an actuation mechanism configured to actuate / deactivate a function of said mobile system interface in response to said determined location and based on at least a pre-defined threshold value.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2014

(21) Application No.1771/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : LOW OR NO ELECTRIC-POWER PORTABLE MECHANICAL RESPIRATOR

| | |
|---|---|
| (51) International classification | :A61M 16/00 |
| (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 |

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**1)Glenn Fernandes**
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**2)Dr. Sarita Parikh**
(72)**Name of Inventor :**
**1)Glenn Fernandes**
**2)Dr. Sarita Parikh**

(57) Abstract :
A one-piece respiratory device that is low-cost, light-weight, consumes low or no power, and doesn™t need trained operators. It comprises a shell enclosing the front and side parts of the patient™s chest and abdomen; a bellows fixed directly atop the shell to reduce dead space and power requirement; one or more openings on the shell to allow exchange of air enclosed between shell and body with the said bellows; a sealing mechanism to seal the shell to the patient™s body; and an actuating mechanism to actuate the bellows. The actuating mechanism may be motorized and/or manually operated. The device may comprise a spring mechanism to aid the passive recoil of the lungs during exhalation. The device may comprise an electronics assembly to aid synchronous actuation of the bellows with the patient™s inspiratory effort, and to aid ventilation according to pre-set mandatory breaths per minute, in motorized and manual modes.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2014

(21) Application No.265/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DUAL CAPACITIVELY COUPLED COAXIAL CABLE TO AIR MICROSTRIP TRANSITION

| | | |
|---|---|---|
| (51) International classification | :H01Q9/28, H01Q1/24, H01Q9/26, H01Q21/ | (71)**Name of Applicant :** **1)ANDREW LLC** Address of Applicant :1100 CommScope Place, SE Hikory, North Carolina 28602, United States of America U.S.A. |
| (31) Priority Document No | :13/765,029 | (72)**Name of Inventor :** **1)BONCZYK, Michael Francis** |
| (32) Priority Date | :12/02/2013 | |
| (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 | |

(57) Abstract :
A transmission line transition that couples RF energy between a coaxial cable and an air dielectric microstrip is provided. In some embodiments, the transition can combine a thin printed circuit board substrate and an insulating surface to form an effective capacitive coupling transition that can couple RF energy from the center conductor of a coaxial cable to an air microstrip. In some embodiments, the transition can include an insulating system affixed to a metallic surface, and the insulating system can secure an airstrip conductor in close proximity to an inner conductor of a coaxial cable to capacitively couple the airstrip conductor to the inner conductor of the coaxial cable. In some embodiments, the transition can employ a metallic body coated with an insulating surface to capacitively couple RF energy from the center conductor of the coaxial cable to the air microstrip.

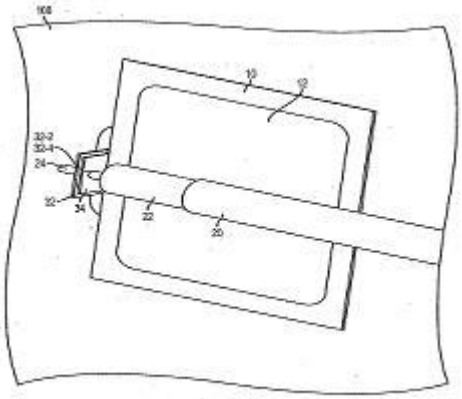


FIG. 1

No. of Pages : 29 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.153/MUMNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : VOLATILE MATERIAL DISPENSING SYSTEM

(51) International classification :A01M1/20
(31) Priority Document No :61/675204
(32) Priority Date :24/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/051778
Filing Date :24/07/2013
(87) International Publication No :WO 2014/018597
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**2)CHEN Amos**
**3)HAN Shumao**
**4)JIA Joanna**
**5)MUNOZ Salvador**
**6)SHI Deliang**

(57) Abstract :
A volatile material dispensing system (100) includes a base (104) and a refill (102) attached to the base (104). The refill (102) includes a substrate (108) having a volatile material thereon. The dispensing system (100) further includes a cover (106). In an inactive state the refill (102) is compressed within the cover (106) and the cover (106) is attached to the base (104) and in an active state the cover (106) is removed from the base and the refill (102) automatically expands such that the volatile material is released from the substrate (108) and into the ambient environment.

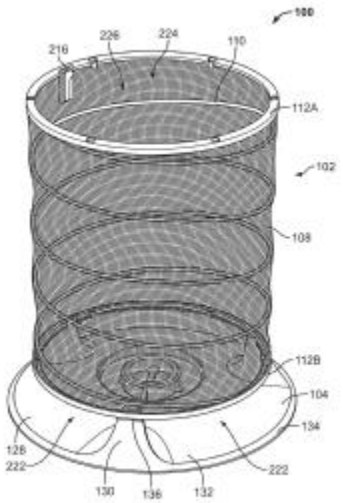


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2014

(21) Application No.1819/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR DESULFURIZING MOLTEN IRON

(51) International classification :C21C7/04, C21C7/064, C21C1/02
(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

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**3)NISHI, Hiroki**
**4)TERABATAKE, Tomomichi**
**5)OSHIMA, Kenji**

(57) Abstract :
A method for desulfurizing molten iron includes: recovering desulfurized slag at a temperature of 500C or more from molten iron desulfurized in advance; removing metal from the recovered desulfurized slag with heavy equipment and crushing large lumps whose diameter exceeds 50 mm in the desulfurized slag into particles of 50 mm or less by a mechanical force of the heavy equipment and an impulsive force by dropping the desulfurized slag; and charging the crushed desulfurized slag into molten iron to be subsequently desulfurized.

No. of Pages : 19 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2014

(21) Application No.1820/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A LATCHING SYSTEM

(51) International classification :F24C 15/00
(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 :**
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**1)SHAH AKSHAY DINESH**
**2)VATNI PRASAD DEELIPRAO**

(57) Abstract :
A latching system for a hood of a cabinet includes a cover, a spring loaded bolt assembly, a fixed bracket and a movable bracket. The cover is mounted on an inside surface of a wall of the hood and is accessible when the hood in open. The spring loaded bolt assembly is received and supported within the cover and a bolt thereof is urged in an extended configuration by a spring element. The fixed bracket is mounted on an outside surface of a wall of the enclosure for defining a lug receiving space. The movable bracket is coupled to the bolt and has a lug configured thereon. The movable bracket moves as the bolt moves to respectively define an engaged configuration in which the lug engages with the lug receiving space to define locking of the hood, thereby preventing accidental swiveling of the hood and a disengaged configuration.

No. of Pages : 27 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/01/2014
(21) Application No.2403/MUM/2013 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS OF THIOCOLCHICOSIDE.

(51) International classification :A61K47/38, A61K47/20
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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**2)WAVIKAR PREETI RAMESH**
**3)PATEL MAYANK RAMESHCHANDRA**

(57) Abstract :
The present invention provides nanotechnology based alcohol free pharmaceutical compositions for delivery of thiocolchicoside alone or in combination with other pharmaceutical agents and preparation method thereof.

No. of Pages : 12 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

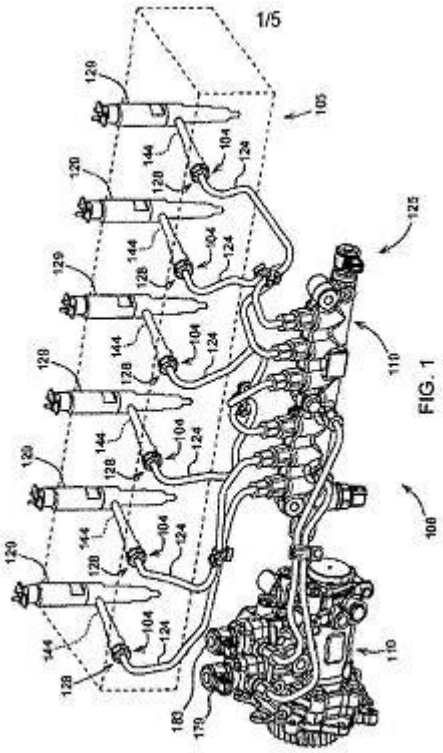
(21) Application No.2743/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SEALING SYSTEM FOR AN ENGINE

(51) International classification :F01P11/00
(31) Priority Document No :14/056,056
(32) Priority Date :17/10/2013
(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

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(72)**Name of Inventor :**
**1)DUGAD ARPITA**
**2)WYNTHEIN PAUL M**
**3)TOL UMESH A**

(57) Abstract :
A sealing system comprising a cylinder head, a coupler, a fuel injector line, a seal retainer, and a seal. The coupler is positioned in the cylinder head, and the fuel injector line extends into the coupler so as to at least partially define a fuel leak passageway therebetween. The seal retainer yieldably urges the seal towards a seated position in which the seal established a sealed connection between the fuel injector line and the coupler, so as to block ingress of moisture into the fuel leak passageway. Further, the seal retainer allows movement of the seal away from the seated position to an unseated position in which the sealed connection between the fuel injector line and the coupler is broken in response to pressurized leaked fuel, in the fuel leak passageway, so as to allow the pressurized leaked fuel to flow out of the fuel leak passageway.




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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2014

(21) Application No.1805/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : EXHAUST GAS RECIRCULATION INSERT PIPE

(51) International classification :F02M25/07
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**2)SATDIVE SACHIN P**
**3)AYYAPPA DAS**
**4)SESHATHRI.D**

(57) Abstract :
An exhaust gas recirculation duct for facilitating homogenous mixing of fresh air and exhaust gas to improve the efficiency of the EGR system is provided. The duct includes a flange at one end and an elliptical opening at the other end. The elliptical opening of the duct facilitates free flow of exhaust gas into the EGR mixer pipe without any restrictions. Further positioning the duct at the core or centre of the mixer pipe, fresh air and exhaust gases are mixed homogenously.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/05/2014

(21) Application No.1807/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : Process For Simulataneous Production Of Alcohols And Oligomer Product From Hydrocarbon Feed Stock

| | |
|---|---|
| (51) International classification | :C10L 1/00, C10L 10/00 |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No<br>Filing Date | :PCT//<br>:01/01/1900 |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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**2)MANNA, Reshmi**
**3)VARSHNEY, Pushkar**
**4)CHOPRA, Anju**
**5)BHATTACHARYYA, Debasis**
**6)KUMAR, Brijesh**
**7)DAS, Biswapriya**
**8)MALHOTRA, Ravinder Kumar**

(57) Abstract :
PROCESS FOR PRODUCTION OF OLIGOMER PRODUCT FROM HYDROCARBON FEED STOCK Abstract Of The Invention The present invention relates to a process for production of oligomer products from olefinic C4 feed stocks comprising isobutene, butenes, butanes, butadienes and mixture thereof. Particularly, the present invention relates to a process for the preparation of oligomers using olefinic C4 feed stock in presence of tertiary butyl alcohol (TBA) and iso propyl alcohol (IPA).

No. of Pages : 30 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/05/2014

(21) Application No.1808/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : Personalized face animation audio-visual and method of using the same

(51) International classification :G06T13/00, G06T15/02
(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 :**
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(72)**Name of Inventor :**
**1)Ujwal Joshi**

(57) Abstract :
The present invention is aimed to create a personalized animated audio-visual work specifically designed with a unique attribute of face customization and audio customization. The principle rationale behind the present invention is to provide entertainment and also educate the user in a more simplified way at the same time. It will emerge as a pioneer step which will facilitate communication, informing sharing, and source of awareness among the masses thereby also making it easily accessible to the public at large. The present invention will enable the user himself becoming part of the animation content with audio-visual functionality giving him a real time experience and is marked with several inimitable feature including but not limited to multiple characterization, dialogue description, add on emotions feature giving the animation content more realistic experience to the user. The present invention will further address the need of the users and will mark a remarkable development in the animation industry.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2014

(21) Application No.3188/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYSTEM AND METHOD OF DELIVERING DATA THAT PROVIDES SERVICE DIFFERENTIATION AND MONETIZATION IN MOBILE DATA NETWORKS

(51) International classification :G06F15/28
(31) Priority Document No :61/888,280
(32) Priority Date :08/10/2013
(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

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Address of Applicant :75 Claremont Road, Suite 306, Bernardsville, NJ 07924, United States of America U.S.A.
(72)**Name of Inventor :**
**1)Ganapathy Subramanian Sundaram**

(57) Abstract :
An exemplary system according to the present disclosure comprises a lower tier radiolet,, that is in communication with a local switching office of a mobile data network, and an upper tier radiolet,, that is in communication with the lower tier radiolet,, and an Internet datacenter. In operation, the upper tier radiolet,, receives data extracted from the Internet datacenter and distributes at least a portion of the received data to the lower tier radiolet,,. At the lower tier radiolet,,, the portion of received data is stored. The lower tier radiolet,, then receives a data request (relating to a portion of received data) and in turn, transmits data from the portion of received data to a source of the data request. The lower tier radiolet,, is located closer to the source of the data request than the Internet datacenter to improve application performance and efficiency of network as well as datacenter.

No. of Pages : 45 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2013

(21) Application No.2417/MUM/2013 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A SYSTEM AND METHOD FOR SECURE AND OPTIMUM FILE AND CONTENT SHARING

| | |
|---|---|
| (51) International classification | :H04L9/32, H04L29/06 |
| (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)PARAG ARUN KULKARNI**
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**2)SANTOSH DWIVEDI**
(72)**Name of Inventor :**
**1)PARAG ARUN KULKARNI**
**2)SANTOSH DWIVEDI**
**3)VINAYAK GANGADHAR JAGTAP**

(57) Abstract :
A system for instance specific, device-specific, duration-specific, view-specific, time-stamp-specific, and network specific, secure and optimum, file and / or content sharing, said system comprising: at least a user application configured to allow a user to access said system for sharing at least a file and / or content, thereof; at least an uploading platform; at least a server portal; at least a time setting mechanism; at least an identity determination mechanism; at least a permission setting mechanism; pre-defined driver tools configured to handle at least one functionality for allowing reading, viewing, and / or printing of said shared at least a file and / or content, thereof; and at least a downloading platform adapted to allow a user to download a file in accordance with configured time setting, configured identity setting, and / or configured privacy setting.

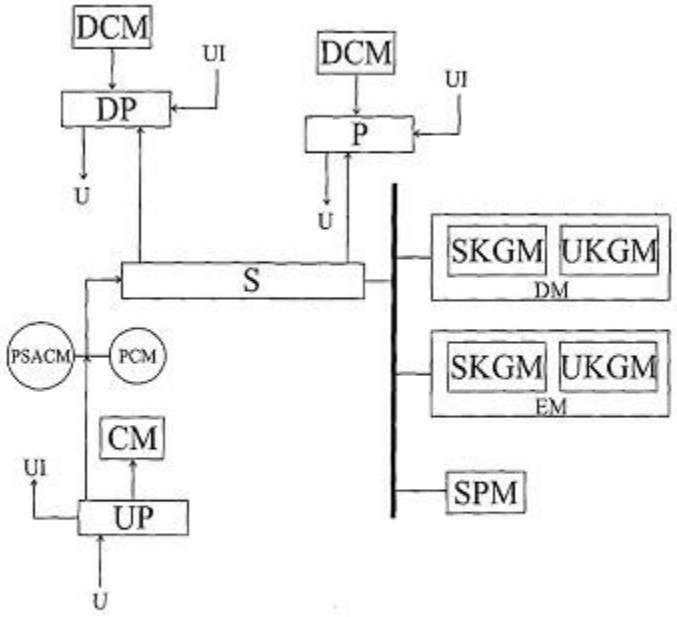



FIGURE 1

No. of Pages : 47 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2013

(21) Application No.2628/MUM/2013 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AN IMPROVED CLAMP FOR WARP YARN

| | |
|---|---|
| (51) International classification | :D02H13/28, D02H13/00 |
| (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)PATEL, Burjor Darabsha**
Address of Applicant :408, SAMPADA, Shreemali Society, Mithakhali Six Road, Navrangpura, Ahmedabad, Gujarat, INDIA Gujarat India
(72)**Name of Inventor :**
**1)PATEL, Burjor Darabsha**

(57) Abstract :
Disclosed is a warp yarn clamping device (1) comprising: an elongated hollow clamp (10) having front end (19) and rear end (19™), the clamp (10) comprises a first vertical side wall (11), a first horizontal side wall (12), a second vertical side wall (13) and a second horizontal side wall (14), the first vertical side wall (11) and the second horizontal side wall (14) define a gap (17), all the walls define a hollow region (18); an elongated T • shaped bar (20) having plurality of notches (23), the T • shaped bar (20) being accommodated into the gap (17); a pair of tensioning rail (30) comprising plurality of grooves (31) being configured to receive the notches (23); characterized in that the first vertical side wall (11) of clamp comprises a protrusion (15) on an inner surface of the first vertical side wall; the first horizontal side wall (12) of clamp comprises a groove (16) on an inner surface of the first horizontal side wall; an elongated C • shaped gripping unit (40) having a protrusion (41) on an outer surface; an elongated C • shaped sliding unit (50) having a projected profile (51) being fitted into the groove (16) of first horizontal side wall of clamp; a pair of link (60,61) to connect and provide a sliding movement between the sliding unit (50) and the gripping unit (40); the sliding unit (50) and gripping unit (40) being accommodated inside the hollow region (18) of clamp in such a way that the projected profile (51) of sliding unit fitted into the groove (16) and the protrusion (41) comes in front of the protrusion(15) of first vertical side wall, when the T • shaped bar (20) is press fitted on the clamp, the sliding unit (50) is pulled with a tension lock provided at the rear end (19™) of clamp to cause gripping unit (40) to move outward with a force of the links (60,61) thereby pressing the yarn (70,70™) with the protrusion (41) of gripping unit into the tensioning rail (30). (Fig.1)

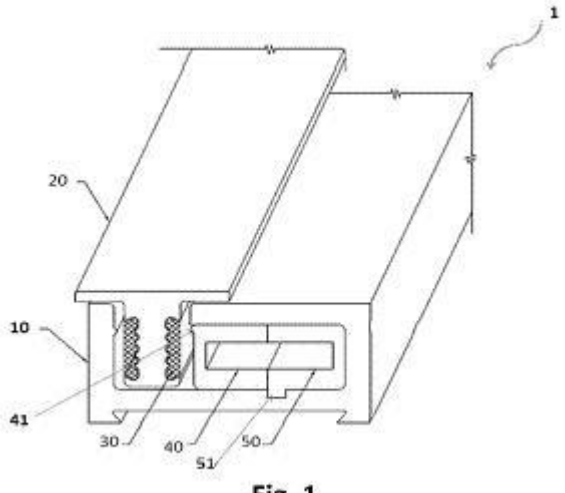


Fig. 1

No. of Pages : 27 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2013

(21) Application No.3454/MUM/2013 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SELF PLUGGING PRESSURE LEAKAGE TESTING PLUG

| | |
|---|---|
| (51) International classification | :F16L 55/00, F16L17/00 |
| (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)MAHINDRA & MAHINDRA LIMITED**
Address of Applicant :R & D CENTER, AUTOMOTIVE SECTOR, 89, M.I.D.C., SATPUR, NASHIK-422 007, MAHARASHTRA, INDIA. Maharashtra India
(72)**Name of Inventor :**
**1)SHAILESH ULHAS VAIDYA**

(57) Abstract :
Self plugging pressure leakage testing plug comprising of a main body, rubber seal and a lock nut wherein the lock has the threads throughout its inner periphery; the rubber seal sits inside the main body and forms a cavity between the main body and the flexible wall of the rubber seal; the said rubber seal is locked inside the main body with the help of locking nut.

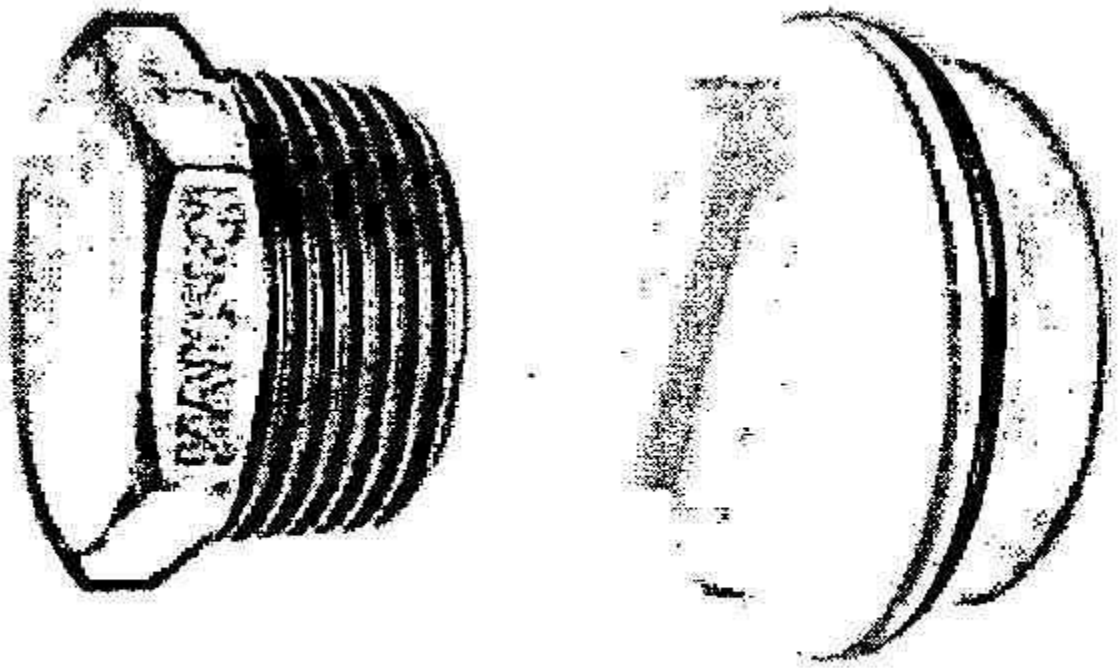


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/05/2014

(21) Application No.1761/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SURVEY DATA PROCESSING

| | |
|---|---|
| (51) International classification | :G06F 17/00, G06Q 30/00 |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No<br>Filing Date | :NA<br>:NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

(71)**Name of Applicant :**
**1)TATA CONSULTANCY SERVICES LIMITED**
Address of Applicant :Nirmal Building, 9th Floor, Nariman Point, Mumbai, Maharashtra 400021 Maharashtra India
(72)**Name of Inventor :**
**1)MANI, Jayasekar**
**2)P, Suresh Babu**
**3)VADIVEL, Padmanaban**

(57) Abstract :
The present subject matter discloses systems(s) and method(s) for processing survey data (214). According to the present subject matter, the method(s) include providing a first survey question from a set of survey questions, and receiving a first response to the first survey question from a surveyee, and generating an Extensible Markup Language (XML) file for the first response for storing the first response in the XML file. The method further comprises executing a semantic analysis for the first response to determine an evaluation, and generating a second survey question dynamically from the set of survey questions based on the evaluation. The method further comprises receiving a second response to the second survey question and appending the XML file with a second data structure representing the second response, where the appended XML file is transmitted to a server at pre-defined intervals for analysis of the survey data (214).

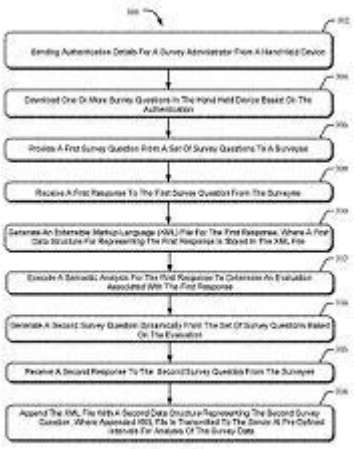


Fig. 3

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/05/2014

(21) Application No.1762/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : EXTENDED RELEASE COMPOSITIONS OF ACETAZOLAMIDE

(51) International classification :A61K9/00, A61K31/425
(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)Inventia Healthcare Private Limited**
Address of Applicant :Unit 703 & 704, 7th floor, Hubtown Solaris, N S Phadke Marg, Andheri (East), Mumbai - 400 069, Maharashtra, India Maharashtra India
(72)**Name of Inventor :**
**1)Mukherji Gour**
**2)Redasani Vijayendrakumar Virendrakumarji**
**3)Chavan Ritesh Anil**
**4)Shah Vaibhavi Ankur**

(57) Abstract :
Extended release pharmaceutical compositions comprising acetazolamide and a process for preparation thereof.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/05/2014

(21) Application No.1763/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COLLISION PROTECTION DEVICE FOR VEHICLES

(51) International classification :B60T7/22, B60R19/48
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : 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)MAHINDRA AND MAHINDRA LIMITED**
Address of Applicant :Automotive & Farm Equipment Sector, Mahindra Tower, Dr. G.M. Bhosale Marg, Worli, Mumbai Maharashtra, India Maharashtra India
(72)**Name of Inventor :**
**1)S MOHAMMED SOHAIL**
**2)SANKLA DEVENDRA**
**3)DWIVEDI SATINDER KUMAR**
**4)SATHISH KUMAR B**
**5)LINGAM SRIDHAR**

(57) Abstract :
A collision protection device for vehicles comprises a first U-shaped element and a second U-shaped element. Each of the first and the second U-shaped elements have a deformable operative front section , and a relatively less deformable operative base section as compared with the operative front section. The first and the second U-shaped elements are coupled with each other such that the operative front section of the first U-shaped element is adjacent to the operative front section of the second U-shaped element and the operative base section of the first U-shaped element is adjacent to the operative base section of the second U-shaped element. In the coupled configuration, the first U-shaped element and the second U-shaped element are configured to deform and dissipate impact energy in case of vehicle collision. The collision protection device further comprises a flange portion configured to facilitate its assembly on the vehicle. Fig.1

No. of Pages : 16 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/11/2014

(21) Application No.3524/MUM/2014 A
(43) Publication Date : 04/12/2015

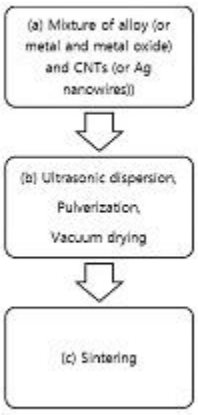
(54) Title of the invention : ELECTRICAL CONTACT MATERIALS AND METHOD FOR PREPARING THE SAME

| | |
|---|---|
| (51) International classification | :H01H11/04, C22C5/10, H01H1/023, H01H1 |
| (31) Priority Document No | :10-2013-0148042 |
| (32) Priority Date | :29/11/2013 |
| (33) Name of priority country | :Republic of Korea |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)**Name of Applicant :**
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**2)RESEARCH & BUSINESS FOUNDATION SUNGKYUNKWAN UNIVERSITY**
(72)**Name of Inventor :**
**1)Ki Hun PARK**
**2)In Chan SONG**
**3)Seung Hyun BAIK**
**4)Dong Mok LEE**
**5)Jeong Hyeon SIM**

(57) Abstract :
Disclosed are electrical contact materials and a method for preparing the same. The electrical contact material includes (i) one or more kinds of metals selected from the group consisting of silver (Ag), copper (Cu) and gold (Au), and an alloy of nickel (Ni); and (ii) carbon nano tubes (CNTs) coated with Ag nanoparticles, Ag plated CNTs, or Ag nanowires, or (i) one or more kinds of metals selected from the group consisting of Ag, Cu, Ni and Au; (ii) a metal oxide that is cadmium oxide, indium oxide, tin oxide, zinc oxide or mixture thereof; and (iii) CNTs coated with Ag nanoparticles, Ag plated CNTs, or Ag nanowires. Accordingly, it is possible to reduce the content of high-priced Ag and to obtain excellent electrical and mechanical properties.

FIG. 2




No. of Pages : 30 No. of Claims : 12

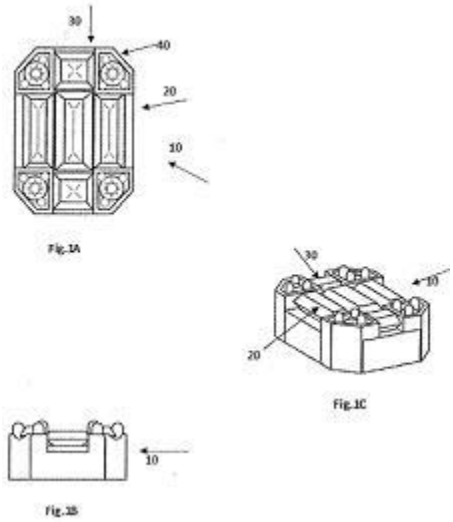
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2014

(21) Application No.1803/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : EMERALDO COMPOSITE

| | | |
|---|---|---|
| (51) International classification | :A44C 17/00, A44C 19/00 | (71)**Name of Applicant :**<br>**1)Jewelex India Pvt. Ltd.**<br>Address of Applicant :Plot 56-B, Seepz, Andheri (East), Mumbai 400096, India Maharashtra India |
| (31) Priority Document No | :NA | (72)**Name of Inventor :** |
| (32) Priority Date | :NA | **1)Machindra Gopal Sathe** |
| (33) Name of priority country | :NA | |
| (86) International Application No<br>Filing Date | :NA<br>:NA | |
| (87) International Publication No | : NA | |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA | |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA | |

(57) Abstract :
The present subject matter relates to a jewelry item for setting precious stones and a method of setting stones in a jewelry item. The stones are configured to have a distinct combination of baguette cut diamond stones (20); princess cut diamond stones (30) and round cut diamond stones (40), such that they collectively materialize to give the look of a single big emerald cut stone. The baguette cut diamond stones (20) are configured horizontally and placed in pockets (50) defined in a frame (10), princess cut diamond stones (30) are configured on the opposite sides of centre baguette of the baguette cut diamond stones (20) and placed in pockets (60) defined in the frame (10); and round cut diamond stones (40) are configured in a circular pattern around the baguette cut diamond stones (20) and princess cut diamond stones (30), such that they are placed in pockets (70) defined in the frame (10).




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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2014

(21) Application No.1804/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AN IMPROVED DEVICE FOR DISPENSING SEALER AND MAINTAINING SEALER VISCOSITY WITH RESPECT TO PRESSURE AND AMBIENT TEMPERATURE

| | |
|---|---|
| (51) International classification | :B65B 31/00, B65B 3/00 |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No<br>Filing Date | :NA<br>:NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)SAHADEO MADHUKAR MASURKAR**
**2)MANOJ MORE**

(57) Abstract :
The invention relates an improved device for dispensing sealer and maintaining sealer viscosity with respect to pressure and ambient temperature. The said device comprises a tank (1) with pressure plate (4) heated by heater coil (10) to store sealer with desired viscosity in the process. A pressure cylinder for operating the said pressure plate (4) to enable sealer to travel from tank to sealer pump (2) for pushing sealer towards gun (12) connected to the said pump by pipe line. A Pneumatic control (6) provided to control the movement of the said pressure cylinder by the compressed air from pressurized air source passing through a proportionate valve(8) and regulator (9). A temperature and pressure controller unit (7) communicating with the tank heat sensor, ambient temperature sensor(13) and proportionate valve for controlling the sealer pump (2) and the said heater(10) to control the viscosity of sealer in the said tank.

No. of Pages : 12 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2014

(21) Application No.2491/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : BOOM ANCHOR WITH CROSS TUBE

(51) International classification :G06F17/51
(31) Priority Document No :61/870,878
(32) Priority Date :28/08/2013
(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 :**
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(72)**Name of Inventor :**
**1)LEMM DAVID E**
**2)KNIPPER JASON G**

(57) Abstract :
A work machine comprises a boom with a first prong and a second prong and a base machine with a boom anchor. The boom anchor comprises a first side wall, a second side wall, a first intermediate wall, a second intermediate wall, and a cross tube. The first side wall and the first intermediate wall provide a first ear and a second ear, respectively, in a first clevis, and with the first prong receive a first pin. The second side wall and the second intermediate wall provide a third ear and a fourth ear, respectively, in a second clevis, and with the second prong receive a second pin. The boom pivots relative to the chassis about the first and second pins. The cross tube interconnects the first side wall, the second side wall, the first intermediate wall, and the second intermediate wall to stiffen the boom anchor.

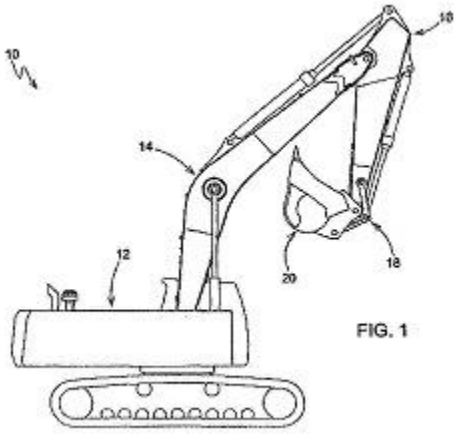


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/11/2014

(21) Application No.3666/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CONTACT ADVOCATE

(51) International classification :H04L29/08, G06Q10/10,
(31) Priority Document No :14/085,672
(32) Priority Date :20/11/2013
(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 :**
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Address of Applicant :211, MOUNT AIRY ROAD, BASKING RIDGE, NEW JERSEY 07920, USA. U.S.A.
(72)**Name of Inventor :**
**1)STEINER, ROBERT C.**

(57) Abstract :
A contact center work assignment engine communication system hosts a multifunctional contact advocate to manage communications and history for customers, including the ability to report issues, provide updates, identify and solve problems, store history, interface with contact center components, including agents and experts, creating a proactive automatic assistant for contact center customers.

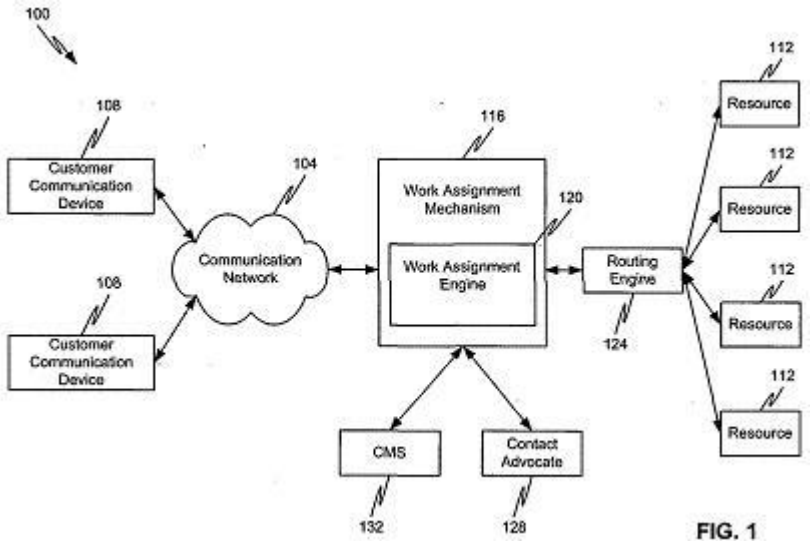



FIG. 1

No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/07/2014

(21) Application No.2430/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AUTOMATIC IMPLEMENT IDENTIFICATION SYSTEM

| | |
|---|---|
| (51) International classification | :G06F17/30, B60W50/00 |
| (31) Priority Document No | :14/023,508 |
| (32) Priority Date | :11/09/2013 |
| (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)DEERE & COMPANY**
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(72)**Name of Inventor :**
**1)UPCHURCH BRUCE L**
**2)PFEIL KARL**
**3)WEHLE ANDREAS**

(57) Abstract :
An identification system is provided for a vehicle-implement system wherein a selected one of a plurality of different implements is coupled to the vehicle. Each of the plurality of implements has a unique corresponding component or actuator. A component sensor senses a condition of the component, such as the position of the piston of a hydraulic cylinder. The sensor generates a sensor signal which has a signal characteristic (such as a frequency) which has a plurality of values, each frequency value is unique to a corresponding one of the components. A signal processing unit receives the sensor signal and identifies the selected implement as a function of the value of the characteristic of the sensor signal.

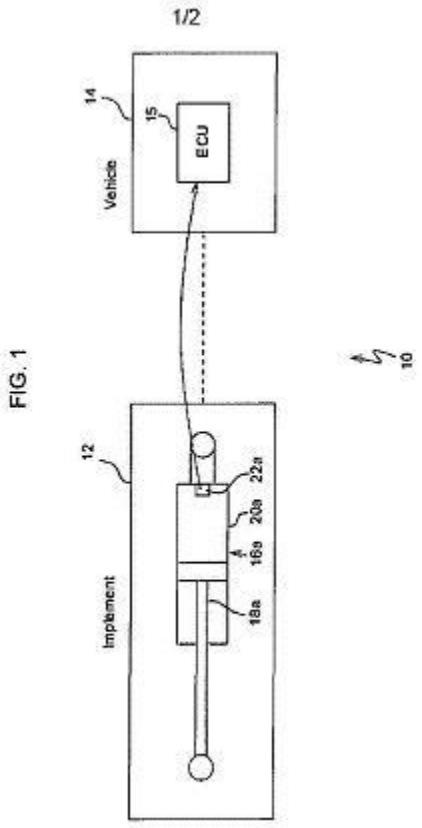


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/07/2014

(21) Application No.2431/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FRAME FOR A RECIPROCATING SIEVE

(51) International classification :A01F12/34
(31) Priority Document No :14/032,767
(32) Priority Date :20/09/2013
(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)DEERE & COMPANY**
Address of Applicant :ONE JOHN DEERE PLACE, MOLINE, ILLINOIS, 61265-8098, USA U.S.A.
(72)**Name of Inventor :**
**1)ADAMSON JAMES K**
**2)WALTER JEFFREY R**
**3)PEARSON MARK L**

(57) Abstract :
A sieve frame (118, 122) comprises two elongate members (300, 302, 308, 310) that are extruded.

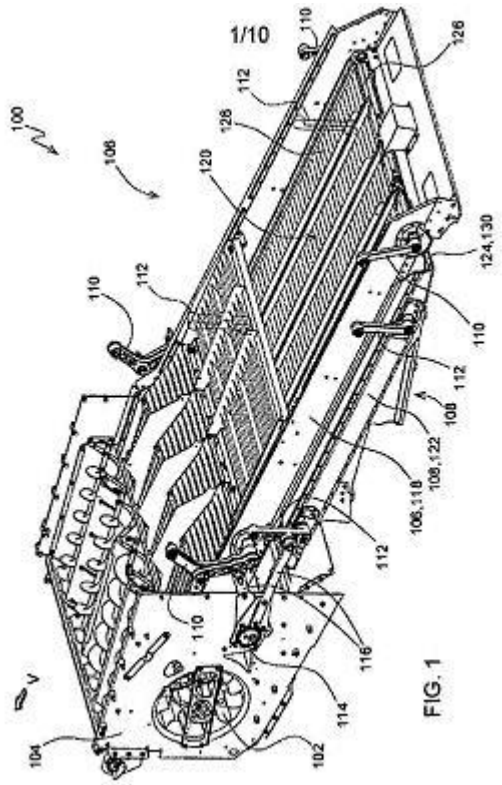


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/11/2014

(21) Application No.3505/MUM/2014 A
(43) Publication Date : 04/12/2015

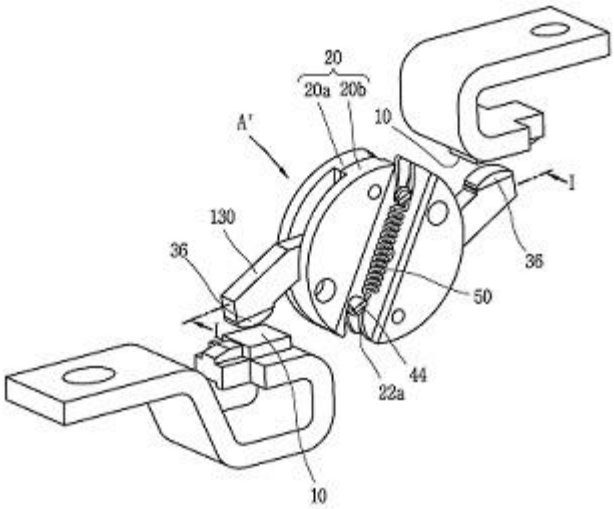
(54) Title of the invention : CIRCUIT BREAKER

| | |
|---|---|
| (51) International classification | :H01H11/00, H01H33/59 |
| (31) Priority Document No | :10-2013-0140835 |
| (32) Priority Date | :19/11/2013 |
| (33) Name of priority country | :Republic of Korea |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)**Name of Applicant :**
**1)LSIS CO., LTD**
Address of Applicant :127, LS-ro, Dongan-gu, Anyang-si, Gyeonggi-do 431-848, Republic of Korea Republic of Korea
(72)**Name of Inventor :**
**1)Ki Hwan OH**

(57) Abstract :
A circuit breaker includes: fixed contact points; and a moving contact assembly. The moving contact assembly includes: a shaft; a moving contact that is held in the shaft; and springs that apply torque to the moving contact. The shaft includes: stopping faces that are formed in a direction opposite to the direction in which the moving contact rotates; and guiding faces that are curved from the stopping faces. The moving contact includes: first surfaces that are formed on the radius of rotation of the moving contact; and sliding surfaces that are located at an angle to the first surfaces and slanted toward the center of rotation with respect to the line of action of a tangential force of torque at the points of contact with the guiding faces.

*FIG. 3*




No. of Pages : 32 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/11/2014

(21) Application No.3508/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND SYSTEM FOR DIAGNOSIS USING SNP MARKERS

| | |
|---|---|
| (51) International classification | :G01N33/48, G06F19/00, G01N33/53 |
| (31) Priority Document No | :61/906920 |
| (32) Priority Date | :21/11/2013 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No<br>Filing Date | :NA<br>:NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

(71)**Name of Applicant :**
**1)GLOBAL GENE CORPORATION PTE LTD**
Address of Applicant :100 TRAS STREET #16-01 100 AM, SINGAPORE (079027) Singapore
(72)**Name of Inventor :**
**1)SAUMYA JAMUAR**

(57) Abstract :
A method and system for identification of treatable genetic profiles in a person particular to a specific demographic segment has been provided. The method involves the creation of a database of a plurality of SNP markers associated with the pathological condition. The method further involves the identification of a plurality of risk SNPs for the pathological condition. The method further involves providing a weighted score to the identified plurality of risk genes and calculating the Genetic Risk Factor (GRF) for the person based on the weighted score. The calculated GRF are then compared with a predetermined plurality of set of ranges to provide a preventive healthcare recommendation plan for the person.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/11/2013

(21) Application No.3728/MUM/2013 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : UNIBODY ELECTRIC THREE WHEELER VEHICLE

(51) International classification :B62K11/00,B62M7/12
(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)INDIAN INSTITUTE OF TECHNOLOGY BOMBAY**
Address of Applicant :POWAI, MUMBAI - 400076, INDIA. Maharashtra India
(72)**Name of Inventor :**
**1)MUNSHI, KISHORILAL**

(57) Abstract :
The present invention relates to a chassis free unibody electric three wheeler venicle. More particularly, the present invention pertains to an electric motor driven vehicle made of fibre reinforced plastic (FRP) such that the body is moulded as one piece thereby resulting in a stronger, lighter vehicle body without requiring a metal frame or chassis.

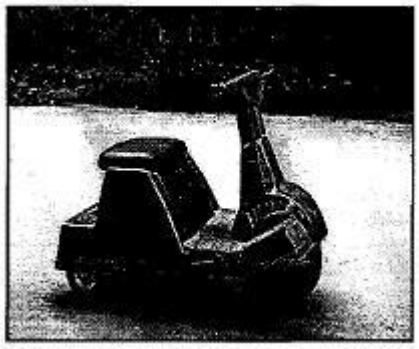


FIGURE 1(a)

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2014

(21) Application No.1795/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : VEHICLE FRONT STRUCTURE

(51) International classification :B60R19/02
(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)MAHINDRA & MAHINDRA LIMITED**
Address of Applicant :R&D CENTER, AUTOMOTIVE SECTOR, 89, M.I.D.C., SATPUR, NASHIK - 422 007 MAHARASHTRA STATE, INDIA Maharashtra India
(72)**Name of Inventor :**
**1)SATISH KUMAR B.**
**2)SATINDER KUMAR DWIVEDI**
**3)VIJAYAPARTHIBAN ALAGURATHINAM**
**4)S. MOHAMMED SOHAIL**

(57) Abstract :
Disclosed is a vehicle front structure (100). The vehicle front structure (100) comprises a front inner panel (10), a pair of grill mounting brackets (20) and a front grill panel (40). The front inner panel (10), the pair of grill mounting brackets (20) and the front grill panel (40) provides design gap, flushness and structural rigidity to the vehicle front structure (100). The vehicle front structure (100) has simple construction, optimum weight and added ergonomic advantage like easy accessibility for fitment and service. Figure 3

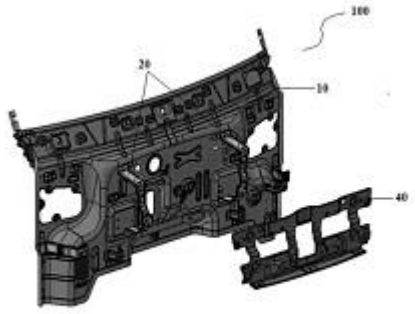


Figure 3

No. of Pages : 16 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2014

(21) Application No.1797/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : STORAGE AREA NETWORK EMULATOR

(51) International classification :G06F13/10
(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)NetApp, Inc.**
Address of Applicant :495 East Java Drive, Sunnyvale CA 94089, United States of America U.S.A.
(72)**Name of Inventor :**
**1)Chris A. Busick**
**2)Subir K. Das**

(57) Abstract :
Some aspects of the disclosure describe a method for testing a storage controller by emulating storage area network (SAN) topologies and vendor-specific behavior in the storage controller. The method can include detecting, via a processor in the storage controller, a physical storage device connected to the storage controller. In response to detecting the physical storage device, the method can determine logic unit numbers (LUNs) based on device characteristics of the physical storage device, and determine a SAN topology to emulate, wherein the SAN topology defines paths leading to the LUNs. The method can also include updating, via the processor, configuration information used by components of the storage controller to indicate the paths leading to the LUNs. The method can also include detecting an input/out request that requires data associated with the LUNs. The method can also include determining, using the configuration information, the data associated with the LUNs.

No. of Pages : 38 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2014

(21) Application No.1798/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF QUETIAPINE AND SALTS THEREOF.

(51) International classification :C07D498/02
(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)PIRAMAL ENTERPRISES LIMITED**
Address of Applicant :PIRAMAL TOWER, GANPATRAO KADAM MARG, LOWER PAREL, MUMBAI-400 013, STATE OF MAHARASHTRA, INDIA Maharashtra India
(72)**Name of Inventor :**
**1)KADAM, SHASHIKANT**
**2)SOMISETTI, NARENDER RAO**
**3)JADHAV, UTTAM**
**4)PATLOLLA, BASAVRAJ**
**5)MEENKERI, MALLIKARJUN**
**6)BIRUDUKOTA, SRINIVAS**

(57) Abstract :
The present invention relates to an improved process for the preparation of 2-[2-(4-dibenzo [b,f] [l,4]thiazepin-ll-yl-l-piperazinyl)ethoxy]-ethanol (referred to as the compound-1), generically known as quetiapine. The process of the present invention further involves an improved process for the preparation of quetiapine fumarate (referred to as the compound-II). The process comprises reaction of dibenzo [b,f][l,4]thiazapine-ll(10-H)-one (III) with a chlorination reagent to obtain iminochloride compound (IV), which on reaction with l-(2-hydroxyethoxy) ethylpiperazine (V) in the presence of an organic base provides quetiapine; and optionally, converting the product, quetiapine to its pharmaceutically acceptable salt.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/03/2014

(21) Application No.3807/MUM/2013 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : RECOMBINANT E. COLI STRAIN AND PROCESS FOR PRODUCTION OF MANNITOL THEREFROM

| | |
|---|---|
| (51) International classification | :C12N9/04, C12P7/18 |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)**Name of Applicant :**
**1)RESHAMWALA, SHAMLAN M.S.**
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(72)**Name of Inventor :**
**1)RESHAMWALA, SHAMLAN M.S.**
**2)LALI, ARVIND M.**

(57) Abstract :
To construct a novel recombinant microorganism capable of efficiently converting D- glucose to D-Mannitol; wherein the said recombinant microorganism comprises of nucleotide sequences coding for mannitol-1 -phosphate dehydrogenase (M1PDH), mannitol-1 -phosphatase (MlPase) and an enzyme allowing for NADH regeneration. Whole-cell biotransformation using resting cells in a medium containing D-glucose and equimolar sodium phosphite resulted in D-Mannitol of yield 87 mol%.

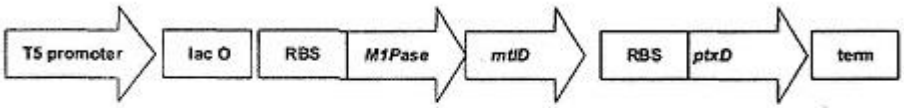



**Figure 1:**

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

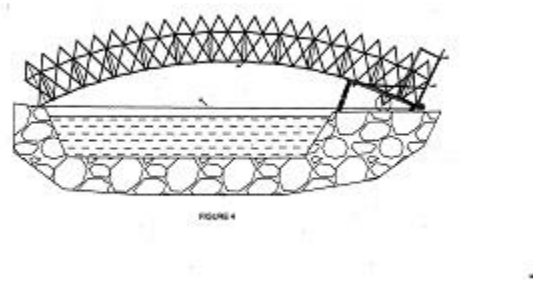
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2014
(21) Application No.1812/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PORTABLE COLLAPSIBLE DOUBLE DECK SKYWALK

(51) International classification :E01D19/12, E01D18/00
(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)PURI ASHOK KUMAR**
Address of Applicant :5/79, MADHUBAN, SHIVAJI PARK, DADAR, MUMBAI-400 028, MAHARASHTRA, INDIA.
Maharashtra India
(72)**Name of Inventor :**
**1)PURI ASHOK KUMAR**

(57) Abstract :
The subject matter of the invention is a mobile emergency Portable Collapsible Skywalk comprising a bridge structure consisting of a expandable, stiffenable and collapsible pantograph frame and hydraulic cylinders (10) or wire rope winch actuators that extend and retract the frame including the supplementary upper and lower deck assemblies and linkages, mounted on a Flat Bed Trailer (12) which when extended forms a arched or vaulted rigid structure for rapid deployment.,wherein the bridge frame comprises a series of vertical inclined Rectangular sealed tubular frames (1) linked to each other in a Lazy Tong or pantograph fashion with vertical inclined sealed Tubular outer members (2) which have slider/antifriction bearing block bore holes (3) at each end, intermediate and at their offsetted center for enmeshing hinge pins (4) Fixed to the verical struts of the Rectangular frames and with upper chord deck panels (5) and lower chord deck panels (6) are lockable panels having grating decks, hinged to each other along one adjacent side(7) and along the opposite side (8) hinged to the upper or lower cross member of every alternate vertical inclined Rectangular frame (1), the whole assembly housed in a pivoted box frame (9) with channel guides and hydraulic cylinder actuators(lO) and tilting winch mechanism (11) mounted on a Towable Flat Bed Trailer(12) with out riggers and licensed for road transport, This arrangement can simultaneously facilitate faster evacuation of people over the upper deck and vehicles over the lower deck. As the upper deck is longer than the lower deck, the extended frame forms a naturally arched structure of considerable strength, being extremely light at the same time. The ratio of the collapsed to the extended length of the structure being l:25.Hence a 30 meter long bridge structure can be collapsed to a length of 1.2 meters. For longer lengths a pair of steel cables(13) are attached to the lower extremities of the structure to provide the required tension member to retain the structure in arched form. With the aid of temporary pier structures or anchored floatation vessels a series of such structures can be used to cover larger expanses of flooding water bodies.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/12/2014

(21) Application No.3932/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : 'INBOUND CONTACT CENTER CALL DISCONNECT BUFFER.'

(51) International classification :H04M3/523
(31) Priority Document No :14/100, 268
(32) Priority Date :09/12/2013
(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)AVAYA, INC**
Address of Applicant :211, MOUNT AIRY ROAD, BASKING RIDGE, NEW JERSEY 07920, USA. U.S.A.
(72)**Name of Inventor :**
**1)GEORGE, JIBIN**

(57) Abstract :
A contact center is described along with various methods and mechanisms for administering the, same. Methods are provided that detect a communications channel loss in a communication between a customer and a resource of a contact center. The method determines when the communications channel loss occurred. When the communications loss occurs prior to an objective of the customer being resolved the method reserves an incoming communication route for the customer to call back and reach the same resource when the call back is made in a predetermined and limited amount of time.

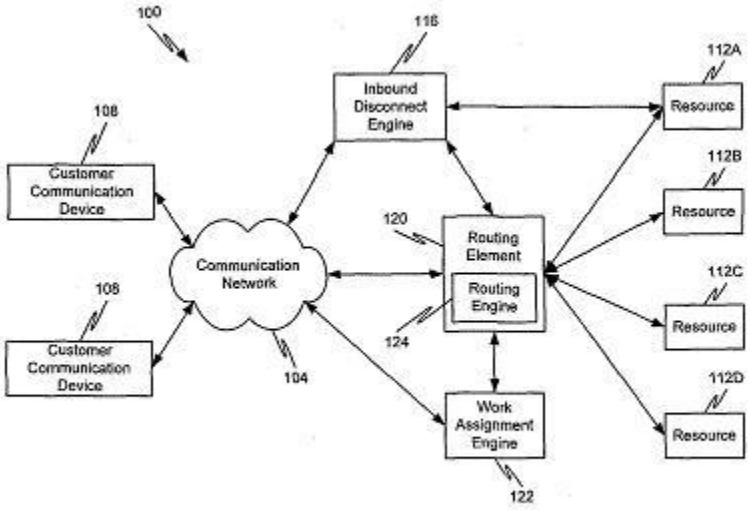



FIG. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/12/2013
(21) Application No.3938/MUM/2013 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DYNAMIC NOTIFICATION SYSTEM AND METHOD

(51) International classification :G06F3/048
(31) Priority Document No :13/731,032
(32) Priority Date :20/12/2012
(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

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(72)**Name of Inventor :**
**1)MICHAEL KRACK**
**2)JAI PUGALIA**
**3)JEFFREY WONG**
**4)WAYNE WONG**
**5)LEE SHERO**

(57) Abstract :
A dynamic notification system for managing notifications on a user device is provided. The dynamic notification system includes a monitor module for monitoring users interactions with previous notifications on the user device. The dynamic notification system further includes an order module for dynamically determining an order of display for notifications based on the users interactions with the previous notifications. The dynamic notification system further includes a display module for displaying the notifications based on the determined order. The dynamic notification system also includes a customization module that allows a user to customize the order of display for notifications based upon a source or application associated with a notification.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.2744/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : RING SEAL WITH A DOUBLE STEP SEALING JOINT

(51) International classification :F16D3/40
(31) Priority Document No :14/067,111
(32) Priority Date :30/10/2013
(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 :**
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Address of Applicant :ONE JOHN DEERE PLACE, MOLINE, ILLINOIS, 61265-8098, USA U.S.A.
(72)**Name of Inventor :**
**1)NEUMANN CLAYTON P**

(57) Abstract :
A ring seal includes a pair of end portions which engage each other in overlapping relationship. Each end portion includes first, second and third fingers which extend along an arc from a body of the seal. The second finger is adjacent to and radially inwardly with respect to the first finger and is shorter than the first finger. The first and second fingers form a Z-shaped seal surface which faces perpendicularly to the axis. The third finger is shorter than the second finger, and is positioned radially outwardly of the second finger. The end portions have complimentary mirror image relationship to each other so that they engage in overlapping relationship. Each finger forms a corresponding radially extending end surface. The body forms a radially extending shoulder. Each finger also forms a corresponding radially inwardly facing side surface. The first and third side surfaces are spaced radially outwardly with respect to the second side surface.

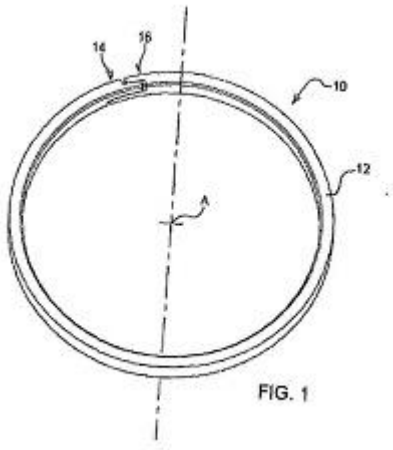


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/12/2013
(21) Application No.3943/MUM/2013 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ELECTRICAL SWITCH ASSEMBLY AND CONTROL DEVICE FOR AN APPARATUS INCLUDING SUCH AN ASSEMBLY

| | |
|---|---|
| (51) International classification | :H01H83/20, H01H71/58, H01H71/68 |
| (31) Priority Document No | :1262312 |
| (32) Priority Date | :19/12/2012 |
| (33) Name of priority country | :France |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)**Name of Applicant :**
**1)C&K COMPONENTS S.A.S.**
Address of Applicant :2 RUE BERTHOLLET, 39100 DOLE, FRANCE France
(72)**Name of Inventor :**
**1)VILLAIN JEAN-CHRISTOPHE**

(57) Abstract :
The invention proposesan arrangementwhich comprises areinforcement (18), an electrical switch (42) with tactile effect, a force transmission member (50) which cooperates with the electrical switchwith tactile effect (42), apermanent magnet (72) which acts on a magnetic disc (62) linked to the force transmission member (50) to slow down the displacements of the force transmission member; and an electromagnet (72) with controlled electrical power supply and which, when powered, produces a magnetic field which cancels the magnetic field of the permanent magnet (72).

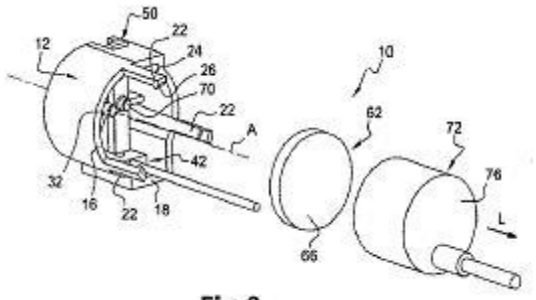



Fig. 3

No. of Pages : 25 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.2756/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COMPARISON AND MERGING OF IC DESIGN DATA

(51) International classification :G06F9/44
(31) Priority Document No :14/036,734
(32) Priority Date :25/09/2013
(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)DASSAULT SYSTˆMES AMERICAS CORP.**
Address of Applicant :175 Wyman Street, Waltham, Massachusetts 02451,Incorporated in the State of Delaware, United States of America U.S.A.
(72)**Name of Inventor :**
**1)DOBINSON, Ian**

(57) Abstract :
The proposed approach includes a method and system for managing integrated circuit (IC) design information for multiple data stores. Each data store is split into sections, allowing larger data sets to be compared. Keys are assigned to objects in each data set, in order to determine if objects are added, deleted, or modified between multiple data stores, and also to determine object differences. The user may compare and merge differences between the data stores, using either a graphical or text-based approach. The proposed approach is highly efficient and accurate for large databases. The proposed approach allows the user to easily visualize differences in complex databases and to merge in desired changes easily.

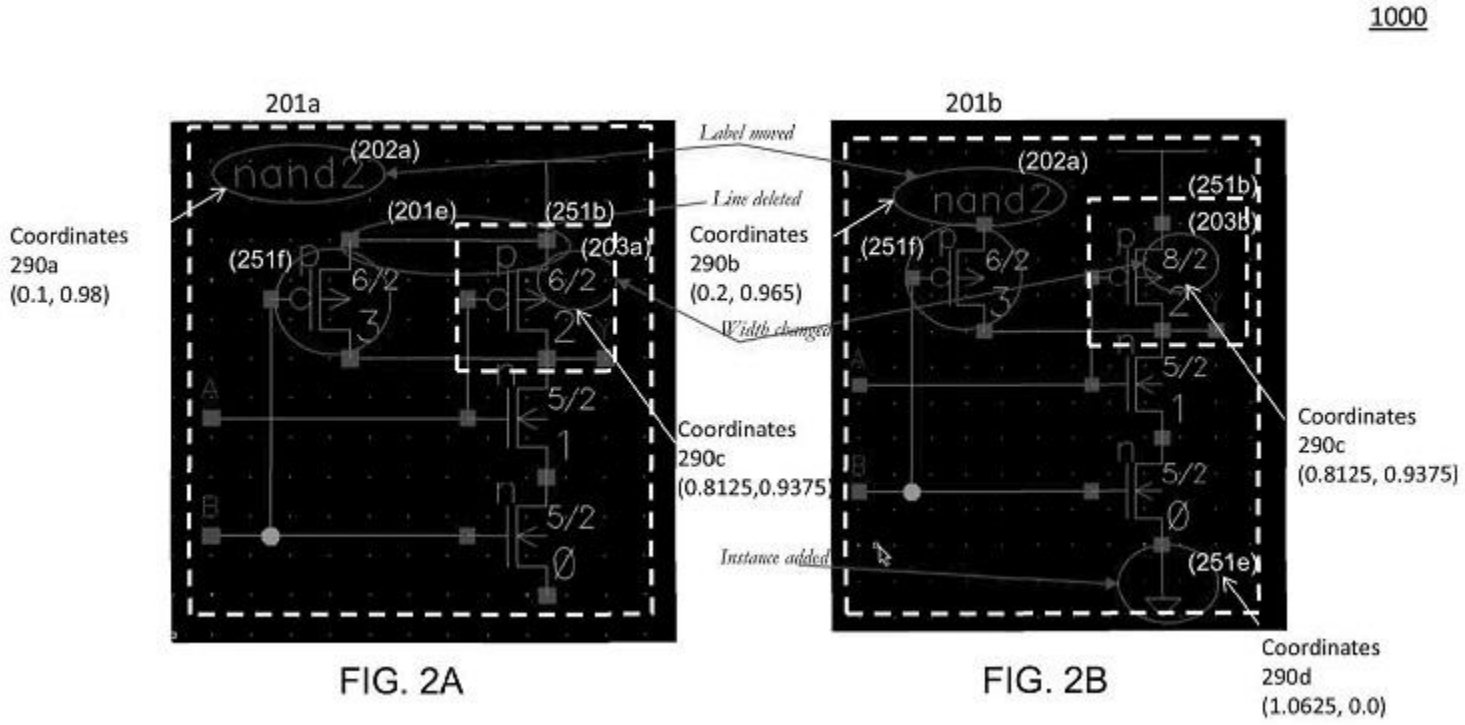



FIG. 2A FIG. 2B

No. of Pages : 58 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/02/2014

(21) Application No.603/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : LINKING HEALTH CARE APPLICATIONS FOR INFORMATION MANAGEMENT

(51) International classification :G06F19/00
(31) Priority Document No :61/770,042
(32) Priority Date :27/02/2013
(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)IMS Health Incorporated**
Address of Applicant :83 Wooster Heights Road, Danbury, CT 06810, United States of America U.S.A.
(72)**Name of Inventor :**
**1)LINN, Stefan Clemens**
**2)REID, Seth, David**
**3)MACCARTHY, John Diarmuid**

(57) Abstract :
The disclosure generally describes computer-implemented methods, software, and systems for managing information exchange between medical care applications and an analytical infrastructure for medical care information. The disclosure also describes implementations that manage user access to medical care applications and communications between medical care applications

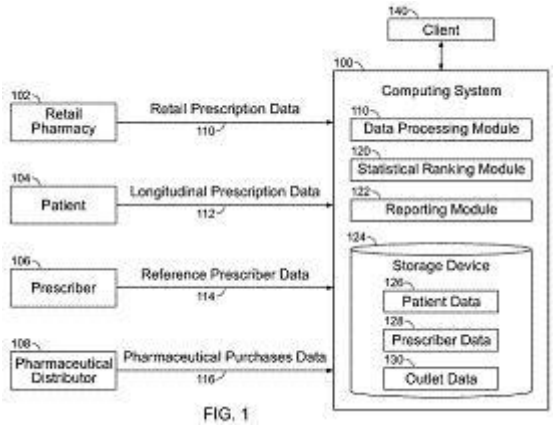


FIG. 1

No. of Pages : 55 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/07/2014

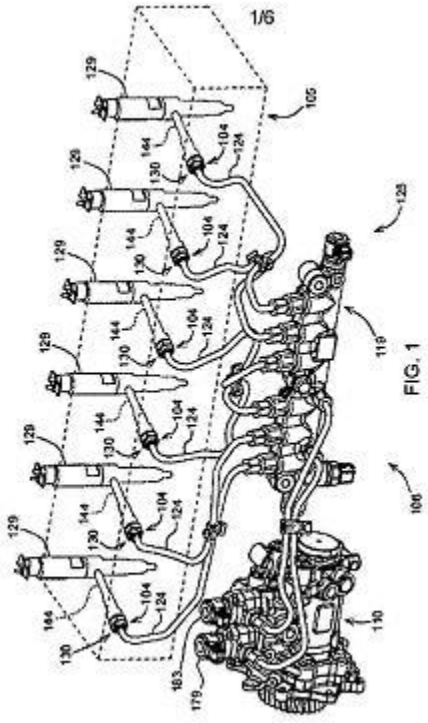
(21) Application No.2429/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SEALING SYSTEM FOR AN ENGINE

(51) International classification :F02F11/00, F01P11/00,
(31) Priority Document No :14/056, 102
(32) Priority Date :17/10/2013
(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)DEERE & COMPANY**
Address of Applicant :ONE JOHN DEERE PLACE, MOLINE, ILLINOIS, 61265-8098, USA U.S.A.
(72)**Name of Inventor :**
**1)DUGAD ARPITA**
**2)WYNTHEIN PAUL M**

(57) Abstract :
A sealing system comprising a cylinder head, a coupler, a fuel injection line, and a cap. The coupler is positioned in the cylinder head, and the fuel injection line extends into the coupler so as to at least partially define a fuel leak passageway therebetween. The fuel injection line extends through the cap, and the cap yieldably urges itself into a seated position in which the cap establishes a first sealed connection with the fuel injection line and establishes a second sealed connection with the coupler, so as to block ingress of moisture into the fuel leak passageway. Additionally, the cap allows movement of itself away from the seated position to an unseated position in response to a pressurized leaked fuel, in the fuel leak passageway, so as to allow the pressurized leaked fuel to flow out of the fuel leak passageway.




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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/11/2014
(21) Application No.3488/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYSTEM AND METHOD FOR PREDICTIVE ACTIONS BASED ON USER COMMUNICATION PATTERNS

| | |
|---|---|
| (51) International classification | :G05B 13/00 |
| (31) Priority Document No | :14/072,344 |
| (32) Priority Date | :05/11/2013 |
| (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)AVAYA, INC**
Address of Applicant :211, MOUNT AIRY ROAD, BASKING RIDGE, NEW JERSEY 07920, USA. U.S.A.
(72)**Name of Inventor :**
**1)SARANGKUMAR JAGDISHCHANDRA ANAJWALA**

(57) Abstract :
Disclosed herein are systems, methods, and computer-readable storage media for identifying, providing, and launching predictive actions, as well as remote device based predictive actions. An example system identifies a communication event such as a calendar event, an incoming communication, an outgoing communication, or a scheduled communication. The system identifies a context for the communication event, and retrieves, based on the context, an action performed by a user at a previous instance of the communication event. The system retrieves the action from a set of actions associated with at least part of the context, and wherein the action exceeds a threshold affinity with the context. The system presents, via a user interface, a selectable user interface object to launch the action. Upon receiving a selection of the selectable user interface object, the system can launch the action.

No. of Pages : 33 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2014

(21) Application No.551/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A METHOD USEFUL FOR SCREENING ANTIVIRAL DRUGS-USING HUMAN ENDOTHELIAL CELL LINE SK HELP-1

(51) International classification :C12N5/06,C12Q1/02
(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)NATIONAL INSTITUTE OF VIROLOGY**
Address of Applicant :NATIONAL INSTITUTE OF VIROLOGY, 20A, DR. ABMEDKAR ROAD, PUNE 411 001 Maharashtra India
**2)NATIONAL INSTITUTE OF IMMUNOHAEMATOLOGY( I.C.M.R.)**
(72)**Name of Inventor :**
**1)ATANU BASU**
**2)KANJAKSHA GHOSH,**

(57) Abstract :
The invention deals with a method useful for screening antiviral drugs and particularly deals with an assay method using a Human Endothelial Cell Line SK HEP-1 for screening antiviral drugs- capable of inhibiting Dengue and related flaviruses. The susceptibility and assay for dengue virus replication in SK hepl makes it very unique as an assay system for screening antiviral or therapeutic compounds in treatment of dengue hemorrhagic fever to stabilize vascular abnormalities.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/11/2014

(21) Application No.3487/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYSTEM AND METHOD FOR ROUTING WORK REQUESTS TO MINIMIZE ENERGY COSTS IN A DISTRIBUTED COMPUTING SYST‹M

(51) International classification :G06F1/00
(31) Priority Document No :14/072,212
(32) Priority Date :05/11/2013
(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)AVAYA, INC.**
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(72)**Name of Inventor :**
**1)JOSEPH SMYTH**
**2)PAUL D'ARCY**
**3)NEIL O'CONNOR**
**4)DAWID NOWAK**
**5)TONY MCCORMACK**

(57) Abstract :
A system for automated routing or work requests is provided. Particularly, a system for routing work requests in a distributed computing system to minimize an energy cost associated with operating the system is provided. A resource utilization module configured to receive resource utilization information; the resource utilization information including indications of utilization corresponding to a plurality of computing resources is disclosed. Furthermore, an energy consumption module configured to receive energy consumption information; the energy consumption information including indications of energy consumption corresponding to the plurality of computing resources is disclosed. Additionally, a routing module configured to route a work request to.one of the plurality of computing resources based at least in part on the received utilization information and the received energy consumption information to minimize energy costs of the plurality of computing resources is disclosed.

No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/05/2014

(21) Application No.1751/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYSTEM AND METHOD FOR CLASSIFYING A PLURALITY OF CUSTOMER ACCOUNTS

| | |
|---|---|
| (51) International classification | :H04M15/00 |
| (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)Tata Consultancy Services Limited**
Address of Applicant :Nirmal Building, 9th Floor, Nariman Point, Mumbai 400021, Maharashtra, India Maharashtra India
(72)**Name of Inventor :**
**1)FONDEKAR, Dipti Mohan**
**2)KSHIRSAGAR, Mahesh**
**3)MISHRA, Dwarika Nath**
**4)DAS, Rajashree**
**5)POLAVARAPU, Vikram**

(57) Abstract :
Disclosed is a method and system for classifying a plurality of customer accounts based on a recoverable amount from a customer account. The method comprises receiving historical data of the customer account and a user input indicating a selection of a predictive analytics algorithm from a set of predictive analytics algorithms, and building a predictive data model by executing the predictive analytics algorithm on the historical data. The building comprises computing a contact index for the customer account and a payment index for the customer account. The building further comprises computing a recoverability index based on the contact index, the payment index, and the outstanding amount. The recoverability index denotes the recoverable amount. The method further comprises classifying the customer account based on the recoverability index.

No. of Pages : 25 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/12/2013
(21) Application No.4012/MUM/2013 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A GYPSUM COMPOSITION AND A PROCESS FOR PREPARING THE SAME

| | | |
|---|---|---|
| (51) International classification | :C04B 28/00,C04B 16/00 | (71)**Name of Applicant :** **1)RELIANCE INDUSTRIES LIMITED** Address of Applicant :3RD FLOOR, MAKERS CHAMBER-IV, 222, NARIMAN POINT, MUMBAI-400021, MAHARASHTRA, INDIA. 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)THALIYIL VEEDU SREEKUMAR** |
| Filing Date | :NA | **2)ARORA ARUN** |
| (87) International Publication No | : NA | **3)GAJELLI CHANDRAMOULI GANGARAM** |
| (61) Patent of Addition to Application Number | :NA | **4)BHANGALE VIKAS KADU** |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :
The present disclosure relates to a gypsum based composition containing gypsum in an amount ranging from 50 to 99.9 % of the total weight of the composition and at least one polyester based reinforcing material having length ranging from 3 to 6 mm and linear mass density ranging from 1.5 to 12 Denier, in an amount ranging from 0.01 to 20% of the total weight of the composition. The present disclosure further relates to a gypsum based composite, prepared from the afore-stated gypsum based composition, having flexural strength ranging from 92 to 98.5 Kg/ cm2. The composite of the present disclosure is at least one selected from the group consisting of boards, walls, plinths, slabs, columns, sheets, casts and shafts.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/03/2013

(21) Application No.612/MUM/2013 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PROCESS FOR PREPARATION OF AZACITIDINE COMPOSITION.

| | |
|---|---|
| (51) International classification | :A61K31/7068, C07D411/04 |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)**Name of Applicant :**
**1)ASTRON RESEARCH LIMITED**
Address of Applicant :10TH FLOOR, PREMIER HOUSE, BODAKDEV, OPP. GURUDWARA SARKHEJ - GANDHINAGAR HIGHWAY, AHMEDABAD 380054, GUJARAT, INDIA Gujarat India
(72)**Name of Inventor :**
**1)JAIMIN PATEL**
**2)PANKAJ PATEL**
**3)ASHISH SEHGAL**
**4)DR. PALLERLA BHASKAR**

(57) Abstract :
The present invention relates to a method for preparation of a stable lyophilized azacitidine composition with reduced levels of impurity.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/01/2015

(21) Application No.44/MUM/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : UP-INCLINED CONVEYOR-DRIVING FABRIC DYEING MACHINE

(51) International classification :D06B
(31) Priority Document No :201420258408.4
(32) Priority Date :20/05/2014
(33) Name of priority country :China
(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)CHANG, Chi-Lung**
Address of Applicant :5F., No.89, Minsheng Rd., Taoyuan City, Taiwan. Taiwan
(72)**Name of Inventor :**
**1)CHANG, Chi-Lung**

(57) Abstract :
An up-inclined conveyor-driving fabric dyeing machine includes a machine body that is arranged in a front-high-and-rear-low up-inclined configuration. A liquid storage tank is mounted to a bottom of a rear end of the machine body to receive dye liquid falling down from a rear end of a dyeing tube. Thus, the amount of the dye liquid used can be greatly reduced. Further, with such an up-inclined configuration of the dyeing machine, the dyeing tube can be arranged in a horizontal or slightly inclined manner to reduce the heights of a fabric guide roller and the conveyor and thus reduce the distance between the fabric guide roller and the conveyor device, thereby reducing the stretching force and tensile force applied to the fabric during the dyeing process.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.150/MUMNP/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AN APPARATUS AND PROCESS

(51) International classification :B41F7/02,B41F7/16
(31) Priority Document No :2012902959
(32) Priority Date :10/07/2012
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2013/000764
Filing Date :10/07/2013
(87) International Publication No :WO 2014/008544
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)AMCOR LIMITED**
Address of Applicant :109 Burwood Road Hawthorn Victoria 3122 Australia
(72)**Name of Inventor :**
**1)TRELOAR Stephen**

(57) Abstract :
The present invention relates to an apparatus process and set of plates for printing. For example the present invention can relate to a single printing station in which a first cylinder having a printing plate with an inked region operates with the second cylinder having at least one transfer plate and suitably multiple transfer plates such as rubber blankets wherein the transfer plates are adapted so as to have an inked region and a non inked region. The inked region and the non inked region of the transfer plate registering with the inked region of the printing plate so as to determine the content of the image printed.

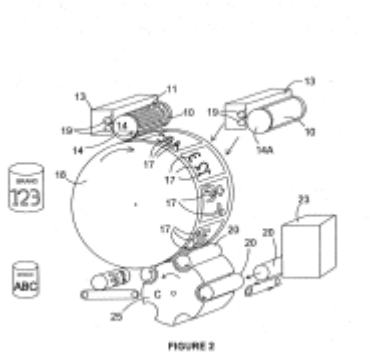


FIGURE 2

No. of Pages : 25 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2014

(21) Application No.1784/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : NANO-ACTUATOR BASED CURVATURE MEASUREMENT SYSTEM

| | |
|---|---|
| (51) International classification | :G01S 7/00, G01S 17/00 |
| (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)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY**
Address of Applicant :INDIAN INSTITUTE OF TECHNOLOGY BOMBAY, POWAI, MUMBAI-400076. Maharashtra India
(72)**Name of Inventor :**
**1)RAHIL BHARANI**
**2)PRITA PANT**

(57) Abstract :
A system for measuring curvature of a material is disclosed. The system comprises an actuation module arranged to provide displacement to a reflective material to bend the material, the material coupled to the system at a fixed end. There is also an optical transmission module comprised of a set of optics arranged to transmit a plurality of coherent light beams onto the material. There is also an optical reception module arranged to receive the plurality of coherent light beams reflected by the material and received through a second set of optics. The optical reception module is arranged to record the position of the plurality of the coherent light beams for a predetermined displacement of the free end of the material by the actuation module. There is also a computing module coupled to the optical reception module for storing the recorded position of the plurality of the coherent light beams.

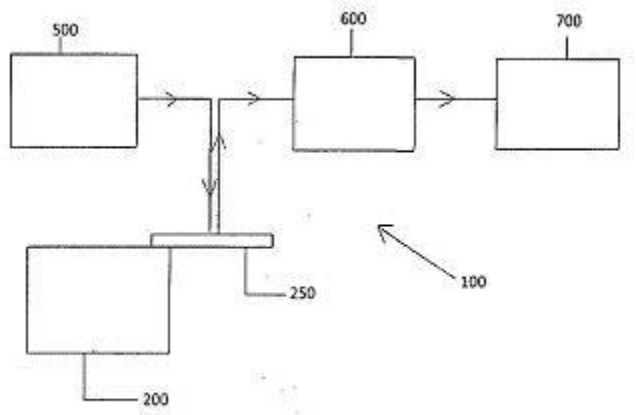


Figure-1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/11/2013

(21) Application No.3754/MUM/2013 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : OPTIMIZING SUPPLEMENTARY SERVICE OPERATIONS FOR LTE-ENABLED DEVICES

| | |
|---|---|
| (51) International classification | :H04W8/08, H04L69/08 |
| (31) Priority Document No | :PCT/CN2012/087186 |
| (32) Priority Date | :21/12/2012 |
| (33) Name of priority country | :Argentina |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)**Name of Applicant :**
**1)SPREADTRUM COMMUNICATIONS (SHANGHAI) CO., LTD.**
Address of Applicant :Spreadtrum Center, Building No. 1, Lane 2288, Zuchongzhi Road, Zhangjiang, Shanghai 201203, P.R. China China
(72)**Name of Inventor :**
**1)NI, Jinjin**
**2)JIN, Yi**
**3)GAO, Xichun**
**4)CHEN, Xianliang**

(57) Abstract :
A method of optimizing transactions involving Call Independent Supplementary Service (CISS) data on a Long Term Evolution (LTE) device may include receiving an indication that the CISS data should be transmitted between the device and a core network. The method may also include determining whether the device is standing by in a packet-switched LTE network or standing by in a 3G/2G network. In response to a determination that the device is standing by in the packet-switched LTE network, the method may additionally include packaging the CISS data in a control layer message and sending the control layer message between the core network and the device in the packet-switched LTE network. In response to a determination that the device is standing by in the circuit-switched 3G/2G network, the method may further include sending the CISS data between the core network and the device in the circuit-switched 3G/2G network.

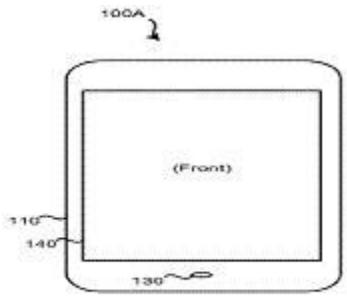



FIG. 1A

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

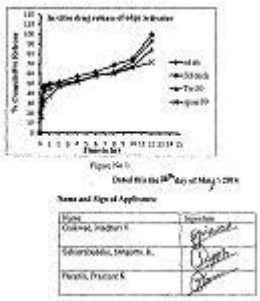
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/05/2014

(21) Application No.1745/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : INTRANASAL DRUG DELIVERY SYSTEM FOR CNS DISORDERS

| | | |
|---|---|---|
| (51) International classification | :A61K 9/00, A61K 47/00 | (71)**Name of Applicant :**<br>**1)GAIKWAD, MADHURI V.**<br>Address of Applicant :BEHIND TAWRE BUNGALOW, AMRAI, BARAMATI, PUNE, MAHARASHTRA, INDIA. |
| (31) Priority Document No | :NA | Maharashtra India |
| (32) Priority Date | :NA | **2)SAHASRABUDDHE, SANGEETA H.** |
| (33) Name of priority country | :NA | **3)PURANIK, PRASHANT K.** |
| (86) International Application No | :NA | (72)**Name of Inventor :** |
| Filing Date | :NA | **1)GAIKWAD, MADHURI V.** |
| (87) International Publication No | : NA | **2)SAHASRABUDDHE, SANGEETA H.** |
| (61) Patent of Addition to Application Number | :NA | **3)PURANIK, PRASHANT K.** |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :
The present invention relates to intranasal drug delivery system of active drug(s) for central nervous system disorder. The drug formulation is in an intranasal dosage form in the form of powder, suspension, dispersion or liquid. The propelled intranasal dosage form is deposited within the olfactory region of the nasal cavity. The drug deposited within the olfactory region is delivered to the brain avoiding the blood-brain-barrier.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/08/2014

(21) Application No.2654/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : LIGHTWEIGHT HYBRID MATERIAL RECIPROCATING SIEVE

(51) International classification :A01F12/34
(31) Priority Document No :14/032,832
(32) Priority Date :20/09/2013
(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 :**
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Address of Applicant :ONE JOHN DEERE PLACE, MOLINE, ILLINOIS, 61265-8098, USA U.S.A.
(72)**Name of Inventor :**
**1)ADAMSON JAMES K**
**2)WALTER JEFFREY R**
**3)PEARSON MARK L**

(57) Abstract :
A frame for reciprocating sieve assembly comprises a first side member (300, 308) that is elongate and extends longitudinally; a second side member (302, 310) that is elongate and extends longitudinally; a third side member (304, 312) that is elongate and extends transversely; a fourth side member (306, 314) that is elongate and extends transversely; a first hanger mount (206L, 210L) coupled to and extending between the first side member and the third side member; a second hanger mount (208L, 212L) coupled to and extending between the first side member and the fourth side member; a third hanger mount (206R, 21 OR) coupled to and extending between the second side member and the third side member; and a fourth hanger mount (208R, 212R) coupled to and extending between the second side member and the fourth side member; wherein the first side member, the second side member, the third side member, and the fourth side member are comprised essentially of an aluminum alloy; and wherein the first hanger mount, the second hanger mount, the third hanger mount, and the fourth hanger mount are comprised essentially of a ferrous alloy.

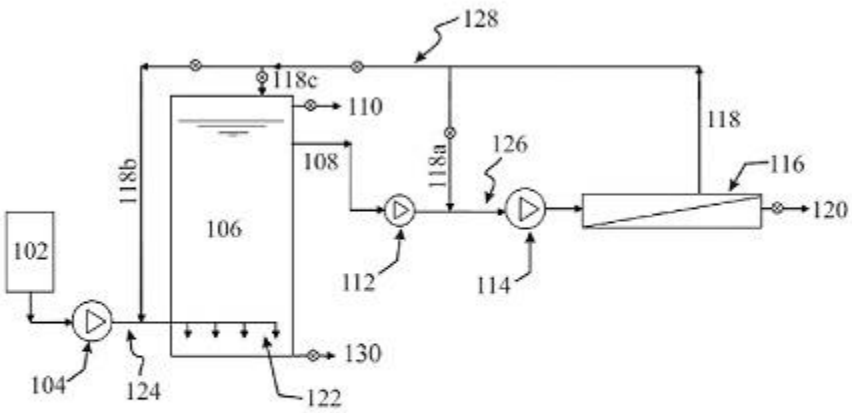



Fig.1

No. of Pages : 40 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2014

(21) Application No.556/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DOMESTIC PORTABLE GARBAGE DISPOSAL UNIT.

| | |
|---|---|
| (51) International classification | :E03C1/26, E03C1/266 |
| (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 | :2042/MUM/2013 |
| Filed on | :17/06/2013 |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)TAMBE GANESH PANDURANG**

(57) Abstract :
A domestic portable garbage disposal unit is disclosed. The domestic portable garbage disposal unit includes an outer housing, a garbage holding unit, a cover and a tap. The garbage holding unit is enclosed within the housing. The garbage disposal unit is defined by perforated walls and a handle fitted to the unit for removing the unit from the housing and re-loading it therein. The cover is provided at the upper portion of the housing to enable the housing to be configured into an enclosed hollow space. The tap is provided at the operative lower portion of the housing allows liquid to drain from the enclosed face to outside of the housing.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2014

(21) Application No.1787/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : Apparatus for Mobile Communication of Bio Sensor Signals

(51) International classification :H04M1/00, A61B5/0245
(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)KALLOWS ENGINEERING INDIA PVT. LTD.**
Address of Applicant :Kallows Engineering India Pvt. Ltd., S7, Second Floor, Pai House, Sadar, Ponda Goa 403401 Goa India
(72)**Name of Inventor :**
**1)Gajanan Nagarsekar**
**2)Kevin Kreger**
**3)Darren Francis Rodrigues**
**4)Swapnil Pai**

(57) Abstract :
ABSTRACT Apparatus for Mobile Communication of Bio Sensor Signals An apparatus for mobile communication of bio sensor signals and personal data that utilizes wireless mobile communications devices such as cellphones, smartphones, mobiles, and tablets to transfer a live bio sensor signal such as ECG to a remote viewing device such as a desktop PC, a laptop PC, or another mobile communications device.

No. of Pages : 37 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2014

(21) Application No.1789/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD OF MANUFACTURING A STIFF BRAIDED TWINE

(51) International classification :D07B1/14, D07B7/14, D07B5/00,
(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)GARWARE-WALL ROPES LIMITED**
Address of Applicant :PLOT NO.11, BLOCK D-1, MIDC, CHINCHWAD, PUNE-411 019. Maharashtra India
(72)**Name of Inventor :**
**1)SANJAY V. RAUT**

(57) Abstract :
An economic method of manufacturing a stiff braided twine which is used in fishing nets, more specifically for purse seine type fishing nets. Particularly, the invention provides a method of manufacturing braided twine, which is characterized in being impregnate at higher speed in water and less buoyant. More particularly, the invention provides a method of manufacturing braided twine having resin coated first set of synthetic fibers synthetically covered by a second set of synthetic fibers by passing said second set of synthetic fibers along with resin coated first set of fibers through the core of braided twine.

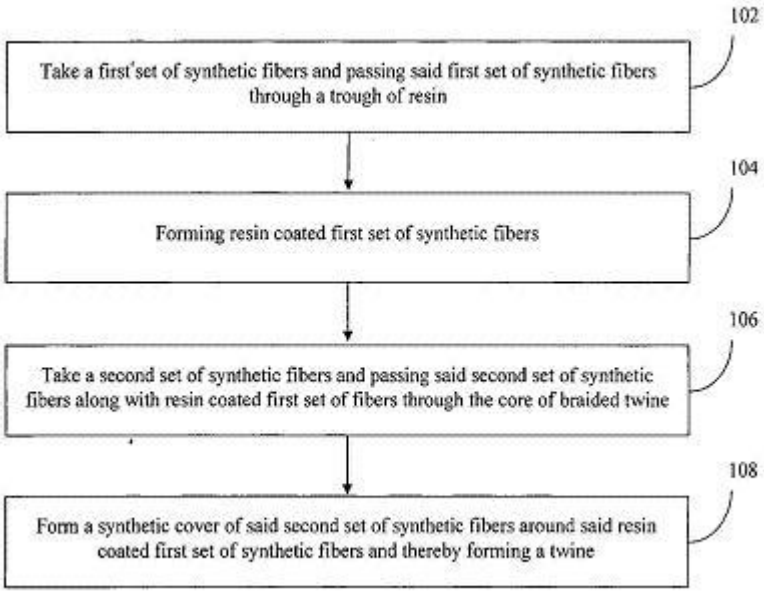



Figure 1

No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.2803/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HEIGHT SENSOR FOR HARVESTING HEAD

(51) International classification :C07H19/16, C07H1/02, C07H19/10
(31) Priority Document No :14/060,230
(32) Priority Date :22/10/2013
(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)DEERE & COMPANY**
Address of Applicant :ONE JOHN DEERE PLACE, MOLINE, ILLINOIS, 61265-8098, USA U.S.A.
(72)**Name of Inventor :**
**1)JOSHUA R. PIERSON**
**2)KRISHNA S. POTLURI**

(57) Abstract :
A height sensor (100) for an agricultural harvesting head comprises a sensor element (104); and a sensor arm (110), the sensor arm comprising a plurality of shaft elements (118, 120, 122), and each of the plurality of shaft elements (118, 120,122) is pivotally coupled to an adjacent one of the shaft elements (118,120, 122), and wherein the plurality of shaft elements (118, 120,122) are held in a predefined operating position by a cable (312), and further wherein the cable (312) extends through the plurality of shaft elements (118).

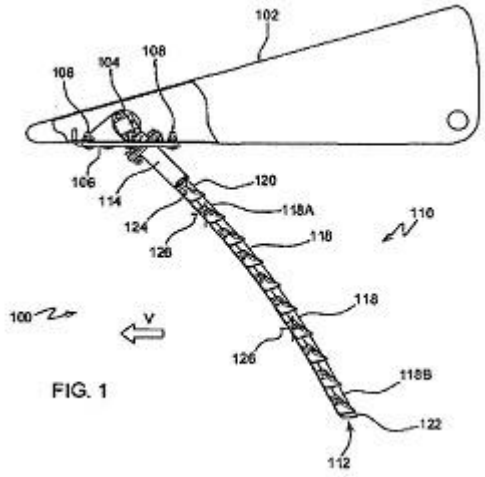


FIG. 1

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2013

(21) Application No.3779/MUM/2013 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ISOLATION AND CHARACTERIZATION OF A NOVEL UREA IMPURITY COMPOUND 1-[1R,2S)-2-(3,4-DIFLUOROPHENYL) CYCLOPROPYL-3-(1R,2S)-2-[3,4-DIFLUOROPHENYL] CYCLOPROPYL-3-(1R,2S)-2-(3,4-DIFLUOROPHENYL) CYCLOPROPYL UREA AND ITS USE IN THE SYNTHESIS OF TICAGRELOR

| | |
|---|---|
| (51) International classification | :C07C 273/00, C07D487/00 |
| (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)ANLON CHEMICAL RESEARCH ORGANIZATION**
Address of Applicant :101/102-SILVER COIN COMPLEX, OPP. CRYSTAL MALL, KALAWAD ROAD, RAJKOT 360005 (GUJARAT), INDIA Gujarat India
(72)**Name of Inventor :**
**1)RASADIA PUNITKUMAR RAMESHBHAI**
**2)RAMANI VAIBHAV NARENDRAKUMAR**
**3)SHAH ANAMIK KANTILAL**

(57) Abstract :
Isolation and characterization of a Novel Urea impurity compound l-(lR,2S)-2-(3,4-Difluorophenyl)cyclopropyl-3--(1R,2S)-2-(3,4-Dif luorophenyl) cyclopropyl urea and its use in the synthesis of Ticagrelor The present invention provides isolation and characterization of a novel urea impurity compound related to (1R,2S)-2-(3,4-Difluorophenyl)cyclopropyl amine (CP-Amine), processes for its preparation and its use as Reference standard to control the quality of CP-Amine . The present invention also describes the use of above solid urea compound of CP-Amine for the synthesis of specific intermediates, suitable for the preparation of triazolo-pyrimidine compounds, such as Ticagrelor.

No. of Pages : 25 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/12/2013

(21) Application No.3808/MUM/2013 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A PROCESS FOR EXTRACTION OF POLYPHENOLS FROM BIOMASS.

(51) International classification :B01D15/00, A61K36/00
(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)LALI, ARVIND MALLINATH**
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**2)ODANETH, ANNAMMA ANIL**
**3)PENDEKAR, MUKESH PRABHAKAR**
**4)SINGH, NITESH KUMAR SATISH**
**5)RATHI, ABHIJIT**
**6)IYER, PADMINI**
**7)DESHMUKH, SARAD**

(57) Abstract :
Polyphenols are an important class of phytochemicals, ranging from flavonoids, stilbens, lignans, phenolic acids, etc and are of high commercial importance. In the present invention, a process for selective extraction of polyphenols is discussed. Various biomasses rich in proteins, and/or carbohydrates with polyphenolics were treated with acidic or alkaline organic solvents, solubilizing polyphenolics and thereby, yielding a protein and/or carbohydrate enriched residue. Aspects of the present invention include a combination of specific solvent, temperature and pressure to solubilize polyphenols and leave other residues in the biomass intact.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/11/2014

(21) Application No.3535/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : VALIDATION OF END-ITEM COMPLETENESS FOR PRODUCT DEMANDS

| | |
|---|---|
| (51) International classification | :G06Q10/08, G06Q10/06 |
| (31) Priority Document No | :14/108,023 |
| (32) Priority Date | :16/12/2013 |
| (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 :**
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Address of Applicant :175 Wyman Street, Waltham, Massachusetts 02451, United States of America U.S.A.
(72)**Name of Inventor :**
**1)HWANG, Moon Ho**

(57) Abstract :
Computer method and apparatus in a PLM system defines completeness of an end-item set for a given product demand set. The BOM for the product demand set is represented in a tree-based graph structure. Completeness of end-items is determined and/or validated such that one can build the target product set from the set of end-items. Shared items, parts and subassemblies of the given product are taken into account.

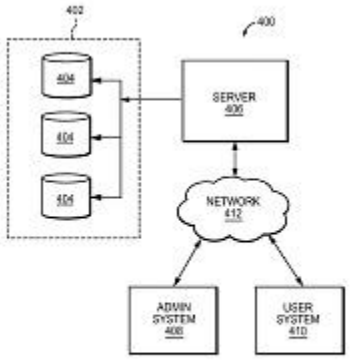



FIG. 10

No. of Pages : 36 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2014

(21) Application No.3757/MUM/2013 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A PROCESS FOR CONTROLLING PROTEIN SYNTHESIS IN PROKARYOTES AND EUKARYOTES

| | |
|---|---|
| (51) International classification | :C12N15/00, C12P21/00 |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

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**1)DAS GAUTAM**
**2)DASGUPTA SANTANU**
**3)PRASAD VENKATESH**
**4)VIJAYAKUMAR VINODHKUMAR**
**5)DEORE PRANALI**

(57) Abstract :
The present disclosure provides a modified microorganism having altered (increased/decreased) protein synthesis. The present disclosure also relates to a process for manufacturing a modified microorganism with increased/decreased protein synthesis. The amounts of cellular tRNA molecules are altered by up-regulating/down-regulating gene expression to obtain more/less copies of the initiator tRNA molecules.

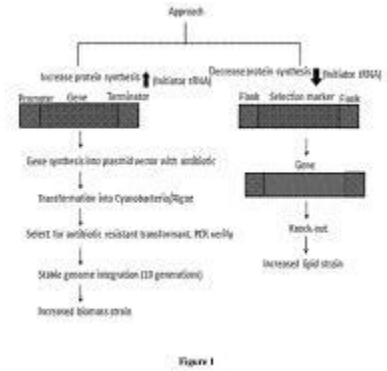



Figure 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

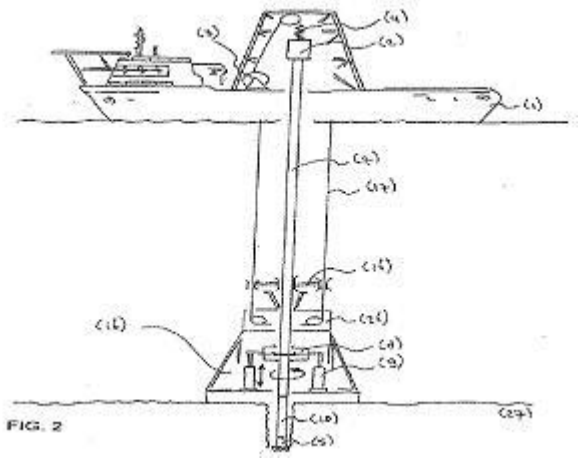
(21) Application No.3762/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : OFFSHORE DRILLING INSTALLATION AND METHOD FOR OFFSHORE DRILLING

(51) International classification :E21B 19/00
(31) Priority Document No :2012723
(32) Priority Date :30/04/2014
(33) Name of priority country :Netherlands
(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)Fugro Engineers B.V.**
Address of Applicant :Veurse Achterweg 10, 2264 SG Leidschendam, the Netherlands. Netherlands
(72)**Name of Inventor :**
**1)Looijen, Peter**

(57) Abstract :
Offshore drilling installation comprising a platform selected from the group comprising a vessel, a pontoon, a jack-up, and further comprising a drill string drivingly connected with said platform and optionally provided with a heave motion compensator, wherein at its lower end the drill string is provided with a drill bit, and wherein a seabed template suspended with lift wires from the platform is placed on a seabed, and wherein clamping means mounted in the seabed template are provided for fixing the drill string relative to the seabed template, which clamping means are embodied as a chuck which is arranged for clamping the drill string whilst enabling the drill string's rotation.


FIG. 2

No. of Pages : 16 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2014

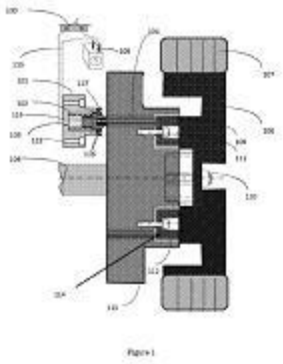
(21) Application No.1791/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : WHEEL THEFT PREVENTION SYSTEM IN VEHICLES

| | | |
|---|---|---|
| (51) International classification | :B60T17/16, B60T11/18, B60R25/08 | |
| (31) Priority Document No | :NA | |
| (32) Priority Date | :NA | |
| (33) Name of priority country | :NA | |
| (86) International Application No<br>Filing Date | :NA<br>:NA | |
| (87) International Publication No | : NA | |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA | |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA | |

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)Gopinath Anantharaman**
**2)Manikandan Pannirselvam**
**3)Sunil Satpute**
**4)Hemanth Kumar SP**
**5)Balasubramanian Loganathan**

(57) Abstract :
Wheel theft prevention system in vehicles includes a securing element, a control switch, a plurality of brushes, a brush holder, a spring, a retention plate and a housing. The leads of the securing element are in contact with the brushes for receiving electric power for securing the wheel. The securing element secures the wheel on activating the control switch.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.2805/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : REEL FINGER WITH ALIGNMENT PIN

(51) International classification :C07D471/04, A61K31/441
(31) Priority Document No :14/046,303
(32) Priority Date :04/10/2013
(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 :**
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Address of Applicant :ONE JOHN DEERE PLACE, MOLINE, ILLINOIS, 61265-8098, USA U.S.A.
(72)**Name of Inventor :**
**1)NEELY JESSE R**
**2)HERRINGSHAW BRIAN**
**3)DEMAY TERRY L**
**4)JOSHUA R. PIERSON**

(57) Abstract :
A finger (100) for a bat (116) of a reel of an agricultural harvesting head, wherein the finger (100) includes an alignment pin (122) that is configured to be received in a mating aperture (124) of the bat (116), the finger comprising an upper clamp portion (104) with an alignment pin (122), and wherein the alignment pin (122) comprises a material having greater wear resistance or greater tensile strength than the upper clamp portion (104).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.2808/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HEADER HEIGHT SENSOR

(51) International classification :E02F9/22
(31) Priority Document No :14/054,709
(32) Priority Date :15/10/2013
(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)DEERE & COMPANY**
Address of Applicant :ONE JOHN DEERE PLACE, MOLINE, ILLINOIS, 61265-8098, USA U.S.A.
(72)**Name of Inventor :**
**1)JOSHUA R. PIERSON**

(57) Abstract :
A header height sensor arrangement (100) configured to be fixed to an agricultural harvesting head (108) comprises a four bar linkage comprising four bars (110,112, 118, 124) and a sensing element (106), wherein the sensing element (106) is disposed to sense relative movement of at least one bar of the four bar linkage with respect to another bar of the four bar linkage.

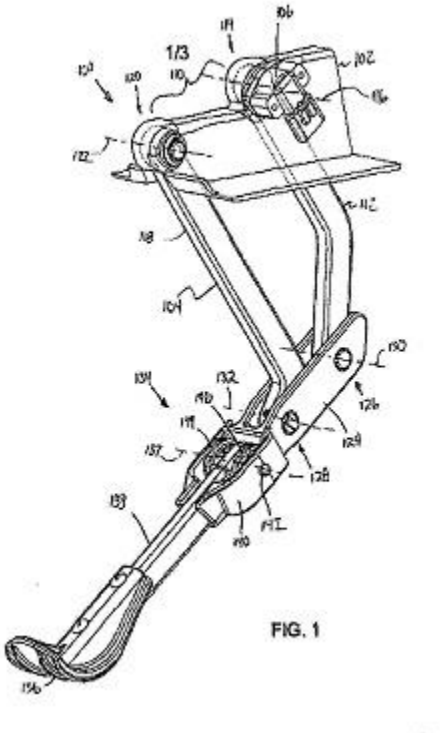


FIG. 1

No. of Pages : 16 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.3763/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD, HANDLING UNIT AND STAND FOR ACQUIRING A SAMPLE FROM A SEABED TOP LAYER

(51) International classification :B66F 9/00
(31) Priority Document No :2012885
(32) Priority Date :26/05/2014
(33) Name of priority country :Netherlands
(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)Fugro Engineers B.V.**
Address of Applicant :Veurse Achterweg 10, 2264 SG Leidschendam, the Netherlands. Netherlands
(72)**Name of Inventor :**
**1)Looijen, Peter**

(57) Abstract :
Handling unit equipped to acquire a sample from a seabed top layer by retracting and retrieving a piston corer holding the sample from a seabed, and to remove the sample from the piston corer, wherein the handling unit is a stand-alone unit arranged for mounting on a vessel and for re-trieval of a sample from the piston corer while it remains vertical. The handling unit comprises a container with dimen-sions and/or lifting points and/or connections as provided on a standard sea freight container. It also comprises a lifting device which is foldable out of and back into a container of the handling unit.

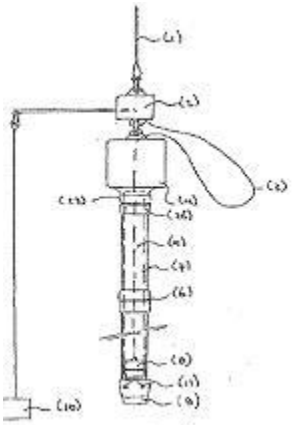


FIG. 1.

No. of Pages : 27 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2014

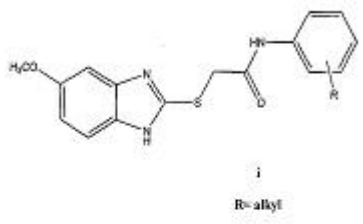
(21) Application No.563/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYNTHESIS AND EVALUATION OF ANTIMICROBIAL AND ANTICANCER ACTIVITY OF 2-(5-METHOXY-1H-BENZO[D]IMIDAZOL-2-YLTHIO)-N-ARYLACETAMIDE DERIVATIVES.

| | |
|---|---|
| (51) International classification | :C07D 313/00 |
| (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 |

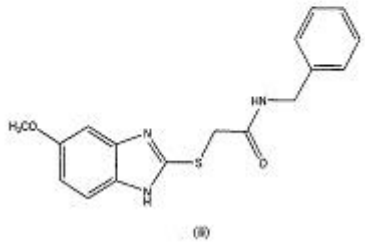
(71)**Name of Applicant :**
**1)LODHA SANDESH RAJMAL**
Address of Applicant :KUSHAL, DATTANAGAR, KOTAMGAON ROAD, LASALGAON, DIST.: NASHIK, MAHARASHTRA, PIN422 306. Maharashtra India
(72)**Name of Inventor :**
**1)LODHA SANDESH RAJMAL**
**2)SHAH SHAILESH AMRUTLAL**
**3)SHAH DINESH RAJMAL**

(57) Abstract :
The compound of formula i and ii




i

R= alkyl




(ii)

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2014

(21) Application No.3190/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : LIGHT-EMITTING UNIT AND DISPLAY

| | |
|---|---|
| (51) International classification | :G02B 27/22 |
| (31) Priority Document No | :2013-231204 |
| (32) Priority Date | :07/11/2013 |
| (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)SONY CORPORATION**
Address of Applicant :1-7-1 Konan, Minato-ku, Tokyo, Japan Japan
(72)**Name of Inventor :**
**1)SHINGO OHKAWA**

(57) Abstract :
Provided is a light-emitting unit that includes: a light-guide section having a light entering surface; and a plurality of light sources opposed to the light entering surface of the light-guide section and arrayed in a first direction, and each having an anisotropy in emission intensity. A pattern shape of light applied from any of the light sources to the light entering surface has a shape anisotropy, and the light sources are each disposed to allow a longitudinal direction of the pattern shape to be inclined relative to the first direction.

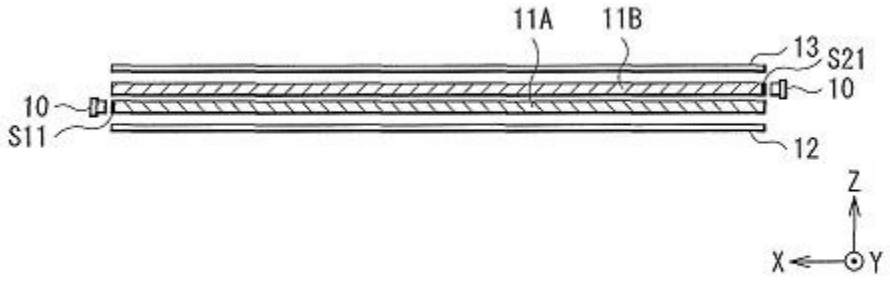



FIG. 2

No. of Pages : 75 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2014

(21) Application No.1768/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : IMPROVED PROCESS FOR SYNTHESIS OF MOXIFLOXACIN INTERMEDIATE (S,S)-2,8-DIAZABICYCLO[4.3.0]NONANE

(51) International classification :C07D471/04, C07D471/00
(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)AARTI INDUSTRIES LIMITED**
Address of Applicant :71, UDYOG KSHETRA, 2ND FLOOR, MULUND GOREGAON LINK ROAD, MULUND (W) MUMBAI, 400080, INDIA Maharashtra India
(72)**Name of Inventor :**
**1)MR. PARIMAL HASMUKHLAL DESAI**
**2)MR. NARENDRA JAGANNATH SALVI**
**3)DR. BHARATKUMAR SURENDRA PATRAVALE**
**4)MR. NITIN BABURAO KAJALE**
**5)DR. MANOJ DUNICHAND KAKWANI**

(57) Abstract :
The present invention provides a stereo-specific synthesis of Moxifloxacin intermediate (4aS,7aS)-2,3,4,4a,5,6,7,7a-octahydro-lH-pyrrolo[3,4-b]pyridine of formula (A), which comprises resolution of cis compound 6-benzyl-l,2,3,4,4a,7a-hexahydropyrrolo[3,4-b]pyridine-5,7-dione of formula (1) using D(-)-tartaric acid. The resolution reaction is carried out in presence of solvents selected from Toluene, Acetone, water and/or mixtures thereof or alternatively in a solvent mixture of iso-propyl alcohol and acetonitrile. The reaction mechanism of said synthesis is as illustrated below-

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2014

(21) Application No.2465/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PROCESSING MACHINE

| | |
|---|---|
| (51) International classification | :B26D5/20, B26D1/00 |
| (31) Priority Document No | :102013108314.5 |
| (32) Priority Date | :01/08/2013 |
| (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)GROB-WERKE GMBH & CO. KG**
Address of Applicant :INDUSTRIESTRASSE 4, D-87719 MINDELHEIM, GERMANY Germany
(72)**Name of Inventor :**
**1)h. c. Burkhart Grob**

(57) Abstract :
The invention concerns a processing machine for machining precessing of a workpiece, wherein the processing machine has a stand which supports a motor spindle for the rotative drive of a tool ,the motor spindle being movable and positionable along a guide, wherein stand feet are arranged on the side of the side of the stand, with which the stand is supported on a bottom suppor, for example,a foundation, and the motor spindle is arranged on a motor spindle carriage, and the motor spandle carriage is movable and positionable on the guide wherein at least the lower end of the motor spindle carriage can be positioned below'the stand feet.

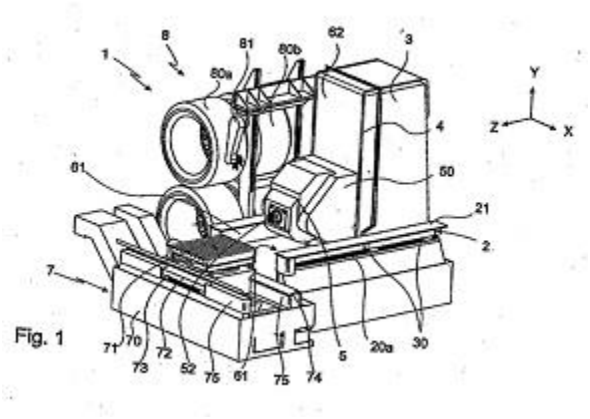


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.2570/MUM/2013 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : STABLE CEFIXIME ORAL FORMULATION WITH IMPROVED BIOAVAILABILITY

| | |
|---|---|
| (51) International classification | :A61k31/00, A61K9/00 |
| (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)MACLEODS PHARMACEUTICALS LIMITED**
Address of Applicant :304 - ATLANTA ARCADE, OPP. LEELA HOTEL, MAROL CHURCH ROAD, ANDHERI (EAST), MUMBAI - 400 059 MAHARASHTRA, INDIA. Maharashtra India
(72)**Name of Inventor :**
**1)AGARWAL RAJENDRA MURLIDHAR**
**2)MUNGATIWAR ASHISH**
**3)SAMANTA GOUR HARI**
**4)SINGH ARUN**

(57) Abstract :
Oral cefixime formulation with improved bioavailability and stability profile by employing combinations of inorganic alkalizing agent.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/05/2014

(21) Application No.1757/MUM/2014 A
(43) Publication Date : 04/12/2015

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

| | |
|---|---|
| (51) International classification | :C07C43/23, C07C41/30, C07C59/13 |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No<br>Filing Date | :NA<br>:NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

(71)**Name of Applicant :**
**1)ENALTEC LABS PRIVATE LIMITED**
Address of Applicant :17TH FLOOR, KESAR SOLITAIRE, PLOT NO.5 SECTOR-19, SANPADA, NAVI MUMBAI MAHARASHTRA, INDIA. PIN CODE: 400705 Maharashtra India
(72)**Name of Inventor :**
**1)BOBBA VENKATA SIVAKUMAR**
**2)KODALI ESWARA RAO**
**3)GIRISH BANSILAL PATEL**
**4)SANJAY DASHRATH VAIDYA**
**5)ALOK PRAMOD TRIPATHI**

(57) Abstract :
The present invention provides a process for the preparation of ospemifene of structural formula I comprises the steps of reacting compound of structural formula VIII with compound of structural formula XI . X = Cl, Br, I, mesyloxy, tosyloxy or any other good leaving group

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/12/2014

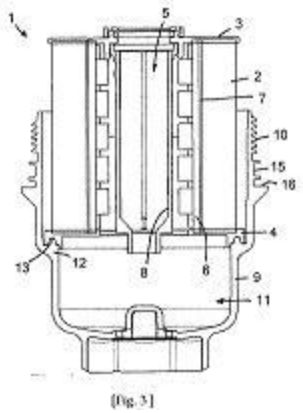
(21) Application No.4110/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : LIQUID FILTER

(51) International classification :B03C5/00
(31) Priority Document No :102014000716.2
(32) Priority Date :23/01/2014
(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)MANN+HUMMEL GMBH**
Address of Applicant :HINDENBURGSTRASSE 45, 71638 LUDWIGSBURG, GERMANY Germany
(72)**Name of Inventor :**
**1)Micha Ammersdoerfer**

(57) Abstract :
A liquid filter, which is accommodated in a housing component provided with a bottom-sided water collecting chamber, features a hollow-cylindrical filter element with end disks. The end disk facing the bottom contacts the interior side of the housing component and closes the water collecting chamber in a flow-proof manner.



[Fig. 3]

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/12/2014

(21) Application No.4111/MUM/2014 A
(43) Publication Date : 04/12/2015

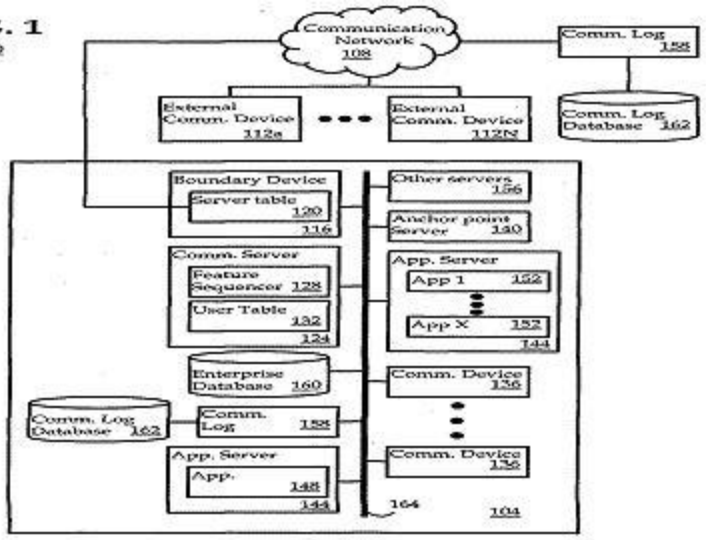
(54) Title of the invention : SYSTEM AND METHOD TO DETECT AND CORRECT IP PHONE MISMATCH IN A CONTACT CENTER

| | |
|---|---|
| (51) International classification | :H04M 1/00 |
| (31) Priority Document No | :14/230, 575 |
| (32) Priority Date | :31/03/2014 |
| (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)AVAYA, INC**
Address of Applicant :211, MOUNT AIRY ROAD, BASKING RIDGE, NEW JERSEY 07920, USA. U.S.A.
(72)**Name of Inventor :**
**1)HITEN SAMPAT GUJJAR**

(57) Abstract :
System and method to detect misconfiguration in a contact center, the method including: assigning, by a processor coupled to a memory, a workstation IP address to an agent workstation in the contact center; receiving a workstation Iogin request from an agent; associating the workstation IP address to the agent; receiving an application program login request from an agent; extracting a source IP address for the application program Iogin request; comparing the workstation IP address to the source IP address for the application program Iogin request; and allowing agent access if the workstation IP address matches the source IP address for the application program Iogin request.

FIG. 1
100




No. of Pages : 31 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/12/2014

(21) Application No.4112/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR MONITORING AND PRIORITIZING METRICS WITH DYNAMIC WORK ISSUE REASSIGNMENT

(51) International classification :A61N 5/00
(31) Priority Document No :14/150,060
(32) Priority Date :08/01/2014
(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)AVAYA, INC**
Address of Applicant :211, MOUNT AIRY ROAD, BASKING RIDGE, NEW JERSEY 07920, USA. U.S.A.
(72)**Name of Inventor :**
**1)TONY MCCORMACK**
**2)NEIL O'CONNOR**
**3)PAUL D'ARCY**
**4)DAVID MCGLYNN**

(57) Abstract :
A metrics optimization system for managing key performance indicators (KPls) of a contact center is disclosed. The metrics optimization system includes a monitoring module configured to monitor the KPls of agents and work items. The metrics optimization system further includes a ranking module configured to rank the monitored KPls based on predefined rules. The metrics optimization system further includes a display module configured to display the KP|s to a first supervisor from a plurality of supervisors based on the ranks of the monitored KPls. The metrics optimization system further includes an analysis module configured to analyze performance of the first supervisor to improve the displayed KP|s. The metrics optimization system further includes an assign module configured to assign the displayed KPls to a second supervisor based on the performance of the first supervisor.

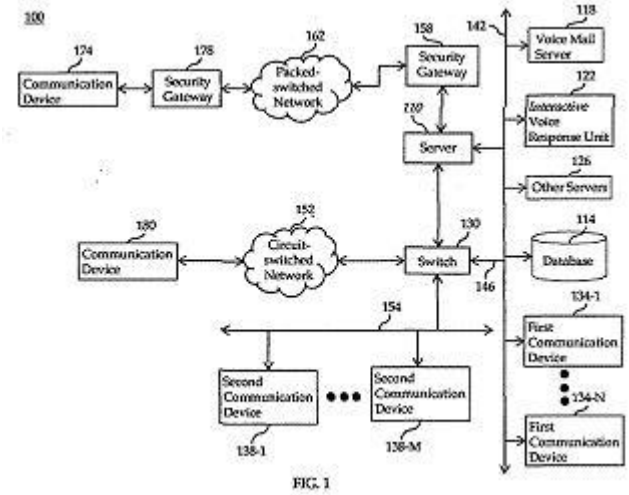


FIG. 1

No. of Pages : 35 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2014

(21) Application No.1774/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A BLOWER ASSEMBLY FOR SPRAYING FUNGICIDE

| | |
|---|---|
| (51) International classification | :B05B 7/00, B05B 5/00 |
| (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)ASPEE AGRO EQUIPMENT PVT LTD**
Address of Applicant :ASPEE HOUSE, B.J.Patel Road, Malad,(W),Mumbai 400 064, State of Maharashtra India.
Maharashtra India
**2)RUBBER RESEARCH INSTITUTE OF INDIA**
(72)**Name of Inventor :**
**1)SHARAD LALLUBHAI PATEL**
**2)JATIN SHARAD PATEL**
**3)JACOB MATHEW**
**4)VIJAYAN KARUNAKARAN**

(57) Abstract :
This invention relates to a blower assembly for spraying fungicide for managing abnormal leaves falling decease by replacing the conventional atomizer with a rotary atomizer disposed on the blower mounted on a vehicle. The system includes designs specifically using a fixedly angled fin type rotary atomizer associated with a pump delivering fungicide and an air blast means.

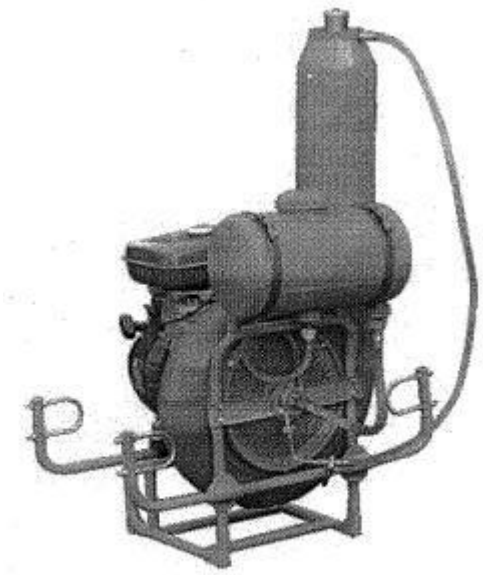


Fig.1. Turblow mist blower

No. of Pages : 18 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2014

(21) Application No.2473/MUM/2014 A
(43) Publication Date : 04/12/2015

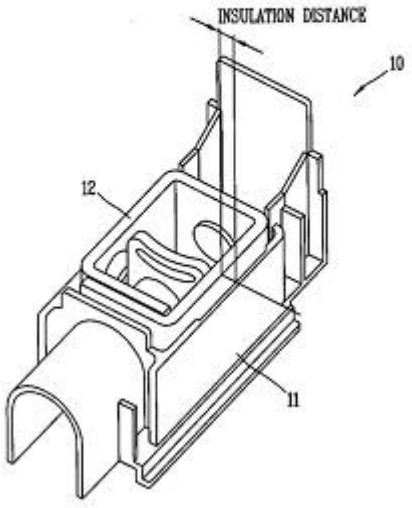
(54) Title of the invention : MOLDED CASE CIRCUIT BREAKER

| | |
|---|---|
| (51) International classification | :H01H9/00, H01H9/02 |
| (31) Priority Document No | :10-2013-0135793 |
| (32) Priority Date | :08/11/2013 |
| (33) Name of priority country | :Republic of Korea |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)**Name of Applicant :**
**1)LSIS CO., LTD.**
Address of Applicant :127, LS-ro, Dongan-gu, Anyang-si, Gyeonggi-do 431-848, Republic of Korea Republic of Korea
(72)**Name of Inventor :**
**1)Ki Hwan OH**

(57) Abstract :
A molded case circuit breaker, includes: a case; a power side terminal portion and a load side terminal portion .formed at two sides of the case; a mounter installed at the terminal portion with a structure to enclose a terminal connector connected to the terminal portion, wherein the mounter includes: a mounting surface for mounting the terminal connector; insulation surfaces extending from two side edges of the mounting surface, and spaced from each other; and a cover surface having an opening, and formed on outer side surfaces of the insulation surfaces so as to cross the insulation surfaces and the mounting surface. Under such configuration, a regulated insulation distance can be obtained, and the terminal connector can be supported more stably.

FIG. 1




No. of Pages : 29 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2014

(21) Application No.2690/MUM/2014 A
(43) Publication Date : 04/12/2015

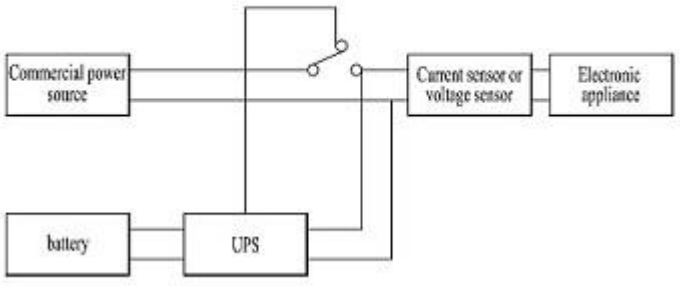
(54) Title of the invention : POWER DETERMINING APPARATUS AND ELECTRONIC APPLIANCE INCLUDING THE SAME

| | |
|---|---|
| (51) International classification | :H04L12/28 |
| (31) Priority Document No | :10-2014-0037586 |
| (32) Priority Date | :31/03/2014 |
| (33) Name of priority country | :Republic of Korea |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

(71)**Name of Applicant :**
**1)LG ELECTRONICS INC.**
Address of Applicant :128, Yeoui-daero, Yeongdeungpo-gu, Seoul 150-721, Republic of Korea Republic of Korea
(72)**Name of Inventor :**
**1)HU, Jinseok**
**2)PARK, Shinhyun**
**3)CHOI, Byoungsuk**
**4)KIM, Heesun**

(57) Abstract :
A power determining apparatus is disclosed. The power determining apparatus includes a sensor for sensing a current or voltage supplied from a commercial power source or an uninterruptable power supply (UPS), and a controller for analyzing a current or voltage signal sent from the sensor, and determining which one of the commercial power source and the UPS supplies power, based on results of the analysis.

FIG. 1




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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/11/2013

(21) Application No.3414/MUM/2013 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SELF CLEANING GRATING SYSTEM IN SPRAY PAINT BOOTH

| | |
|---|---|
| (51) International classification | :B05B15/12, B05B 15/00 |
| (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)MAHINDRA & MAHINDRA LIMITED**
Address of Applicant :R & D CENTER, AUTOMOTIVE SECTOR, 89, M.I.D.C., SATPUR, NASHIK-422 007, MAHARASHTRA, INDIA. Maharashtra India
(72)**Name of Inventor :**
**1)SATISH NAGASEH GOGATE**

(57) Abstract :
Self Cleaning grating system in spray paint booth comprising of water source, water lifting pump, conduits more particularly the pipes to carry the fluid, valves, water header and valves for_water header wherein each water header is provided with the valve to adjust the flow of water jetting out of the header over the grate; water carrying pipes are provided with valves to regulate the flow of water I3

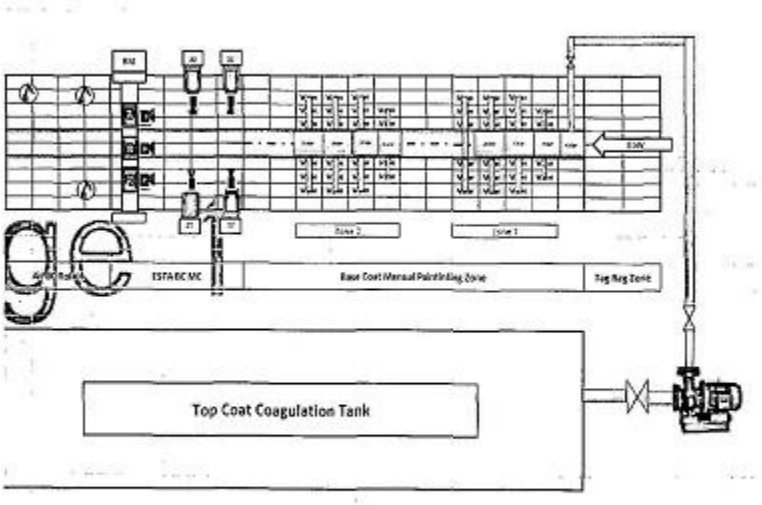



Fig. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/01/2015

(21) Application No.77/MUM/2015 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : Comber having a web forming device

(51) International classification :D01G
(31) Priority Document No :00283/14
(32) Priority Date :27/02/2014
(33) Name of priority country :Switzerland
(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 :**
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Address of Applicant :Klosterstrasse 20, CH-8406 Winterthur, Switzerland Switzerland
(72)**Name of Inventor :**
**1)SOMMER Daniel**
**2)BOMMER Daniel**
**3)STUTZ Ueli**

(57) Abstract :
Abstract The invention relates to a device (13) for forming a fibrous web (V) from fiber bundles (F) which are supplied to the device (13) by a draw-off device (9, 11) of a comb unit of a comber, said device comprising a sieve drum (15) which is rotatably mounted on an axle (16), wherein, in an operating position of the device, a drive element (Z1) connected to the sieve drum is coupled to a first drive means (Z2), said device also comprising a suction channel (25) which is disposed on the end face at one end of the sieve drum (15) and is installed on the machine frame (MG) of the comber, said suction channel being connected at one end to a vacuum source (D) and at the other end to the interior (IR) of the sieve drum in an air-tight manner in the operating position. In order to obtain good accessibility in order to keep the device clean, it is proposed according to the invention that the axle (16), on which the sieve drum (15) is mounted, is fastened at its ends to pivoting arms (S1, S2) which have a pivot axis (32) disposed parallel to and at a distance from the axle (16), via which the mentioned pivoting arms are pivotably fastened on the machine frame (MG) and the device (13) can be transferred via the pivoting arms (S1, S2) into an idle position in which the drive connection between the drive element (Z1) of the sieve drum (15) and the first drive means (Z2) is disengaged, and the air-tight connection between the suction channel (25) and the interior (IR) of the sieve drum is disconnected such that free access to the interior (IR) of the sieve drum is ensured. (Figure 1)

No. of Pages : 20 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2014

(21) Application No.154/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A PROCESS FOR PRODUCTION OF SOLUBLE SUGARS FROM BIOMASS

| | |
|---|---|
| (51) International classification | :C12P7/10, C13K1/02 |
| (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 |

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**2)ODENATH, ANNAMMA ANIL**
**3)BIRHADE, SACHINKUMAR HIRAMAN**
**4)VICTORIA, JULIET JOANNA**
**5)SAWANT, SNEHA CHANDRAKANT**

(57) Abstract :
The present invention provides a process for enzyme mediated hydrolysis of biomass for production of soluble sugars, wherein the said process comprises of steady addition of small portions of biomass to enzyme solution, enabling rapid solubilization of biomass. The process used for enzymatic saccharification allows for increased biomass loading, enzyme recycle and mitigation of substrate and product inhibitory effect. The recycling of unhydrolysed biomass along with soluble enzyme ensures complete reuse of the said enzyme for effective repeated hydrolysis thereby increasing the overall productivity of enzyme used.

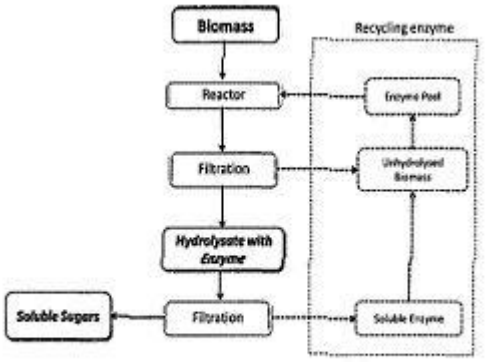



Figure: 1: Scheme for continuous saccharification of biomass with enzyme recycle

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2014
(21) Application No.1821/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : BACTERIAL CAPSULAR POLYSACCHARIDE YIELD ENHANCEMENT BY ADDITION OF DEFOAMING AGENTS

(51) International classification :C12P 19/00
(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)SERUM INSTITUTE OF INDIA LTD.**
Address of Applicant :SERUM INSTITUTE OF INDIA LTD., 212/2, Off Soli Poonawalla Road, Hadapsar, Pune 411 028, Maharashtra, India Maharashtra India
(72)**Name of Inventor :**
**1)PEDDIREDDY SRINIVAS REDDY**
**2)SINGH DIGAMBER CHAHAR**
**3)PISAL SAMBHAJI SHANKAR**
**4)DHERE RAJEEV MHALASAKANT**

(57) Abstract :
The instant invention provides significant improvement in bacterial capsular polysaccharide yield at fermentation harvest stage, particularly Neisseria meningitidis capsular polysaccharides by gradual addition of an antifoam agent alongwith an optimal feed solution from log phase onwards. Specifically, antifoam increases optical density of the culture thereby resulting in higher capsular polysaccharide yield of about 2 to 2.5 gm/L at fermentation harvest stage wherein polysaccharide obtained has optimal average molecular weight of about 800KDa to about 1200KDa and has minimum load of contaminants like proteins and nucleic acid. The antifoam agent of the present invention was found to be bifunctional such that it increased the polysaccharide productivity as well as resulted in effective defoaming thereby making said fermentation process suitable for further scale-up.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/06/2014

(21) Application No.1823/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ASSIGNING AN ANNOTATION TO A VARIABLE AND A STATEMENT IN A SOURCE CODE OF A SOFTWARE APPLICATION

| | |
|---|---|
| (51) International classification | :G06F9/45, G06F 17/00 |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No<br>Filing Date | :NA<br>:NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

(71)**Name of Applicant :**
**1)Tata Consultancy Services Limited**
Address of Applicant :Nirmal Building, 9th Floor, Nariman Point, Mumbai 400021, Maharashtra, India Maharashtra India
(72)**Name of Inventor :**
**1)CHITTIMALLI, Pavan Kumar**
**2)NAIK, Ravindra Dinkar**

(57) Abstract :
Disclosed is a method and system for assigning an annotation to a statement in a source code. The method comprises generating intermediate representation of the source code by parsing the source code. The method comprises identifying one or more instances of definition of a variable and one or more instances of use of the variable. The method comprises categorizing the variable into a group of variables based on the one or more instances of definition of the variable, the one or more instances of use of the variable, a description of the variable, and mathematical operators defining a correlation between the variable and one or more other variables. Further, a data description table and a data dictionary of the plurality of variables are created. The method assigns an annotation to the variable present in the statement of the source code based on the data description table and the data dictionary.

No. of Pages : 25 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2014

(21) Application No.1799/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PARALLEL LIGHT BEAM GENERATOR

(51) International classification :G02B27/10, G09B23/22
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**2)JAY D. SHAH**
(72)**Name of Inventor :**
**1)JIMIL M. SHAH**
**2)JAY D. SHAH**

(57) Abstract :
Parallel Light Beam Generator This invention relates to the arrangement of two concave mirror which acts as a parallel light beam generator comprising two concave mirrors having significant difference in their size respectively, having same principle axis and same focal points to operate on the law of physics on reflection of light rays from mirrors. The rays reflected from first mirror converges on the focal point and it becomes the light source for second mirror. By the principle of equality in angles of incidence and reflection, the second mirror generates a concentrated light beam which can be directed at the backside of the first mirror through the hole provided at its pole of the size of the second mirror. The generated concentrated beam acts as an immense source of light and energy and by storing and/or directing the beam it can be used in several applications.

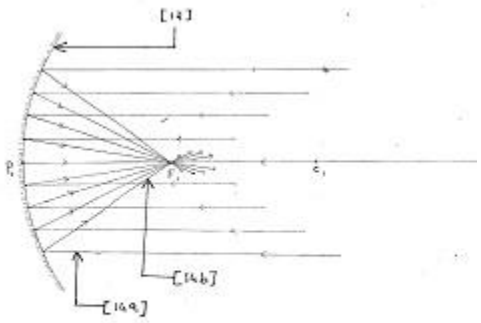



FIG : [1]

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

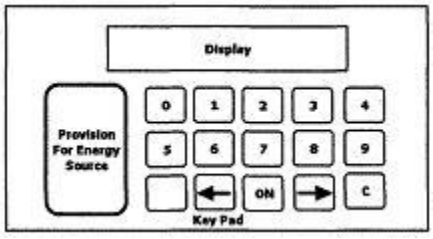
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2014

(21) Application No.19/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ELECTRONIC PORTABLE DEVICE TO MAINTAIN COUNT OF NOTES FROM A LOOSE PACKETS OF NOTES (BANK NOTES).

| | | |
|---|---|---|
| (51) International classification | :G07D 9/00, G07D7/18 | (71)**Name of Applicant :** **1)PRAKASH MADHAVRAO RANADIVE** Address of Applicant :CRYSTAL GARDEN, A-102, BANER-PASHAN LINK ROAD, OPP. ROLLING BANER, PUNE-411021, MAHARASHTRA, INDIA. Maharashtra India |
| (31) Priority Document No | :NA | |
| (32) Priority Date | :NA | |
| (33) Name of priority country | :NA | (72)**Name of Inventor :** **1)PRAKASH MADHAVRAO RANADIVE** |
| (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 :
Disclosed is a system and method to maintain count of currency notes of the same type. With the use of this disclosed system and method, one can easily eliminate the current practice of using watermark window for maintaining count of notes in the bundle. In addition, use of this system and method enable organizations to remain compliant with Clean Note Policy issued by Reserve Bank Of India.




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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/12/2014

(21) Application No.4216/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : VIBRATION-REDUCING METHOD FOR COMPRESSING DIAPHRAGM PUMP

(51) International classification :F04B
(31) Priority Document No :201410019420.4
(32) Priority Date :16/01/2014
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)Chao-Fou, HSU**
(72)**Name of Inventor :**
**1)Ying-Lin, Cai**
**2)Chao-Fou, HSU**

(57) Abstract :
A vibration-reducing method for reducing vibrations and vibration noise in a compressing diaphragm pump includes the step of disposing a vibration-reducing unit between the pump head body and a diaphragm membrane to reduce a length of the moment arm. and therefore of the torque, generated upon up and down movement of the diaphragm membrane during pumping.

No. of Pages : 62 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2014

(21) Application No.3580/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DEEP LANGUAGE ATTRIBUTE ANALYSIS

(51) International classification :G06F17/30
(31) Priority Document No :14/080,618
(32) Priority Date :14/11/2013
(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 :**
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(72)**Name of Inventor :**
**1)SKIBA, DAVID**
**2)ERHART, GEORGE**
**3)BECKER, LEE**
**4)MATULA, VALENTINE C.**

(57) Abstract :
Contact centers may benefit from routing messages to agents who have similar, or complementary, attributes as the customer of the message. In a text message, certain message attributes provide artifacts that may be common to one particular customer attribute. Messages containing that particular message attribute provide a derived customer attribute and the message routed accordingly. In addition, agents responding to a customer may be provided with guidance to ensure their response is appropriate for the derived customer attribute of the customer.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/05/2014

(21) Application No.1766/MUM/2014 A
(43) Publication Date : 04/12/2015

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

(51) International classification :C07D409/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)SHEKHAR BHASKAR BHIRUD**
**2)SAMIR NAIK**
**3)SACHIN SRIVASTAVA**
**4)DINESH DEORE**
**5)SUKUMAR SINHA**

(57) Abstract :
The present invention relates to a process for the preparation of canagliflozin and intermediates thereof.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2014

(21) Application No.1767/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AWNING DEVICE FOR PROTECTING PASSENGERS DURING INGRESS AND EGRESS IN A VEHICLE

| | |
|---|---|
| (51) International classification | :B60R 21/00, E04F 10/00 |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No<br>Filing Date | :NA<br>:NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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(72)**Name of Inventor :**
**1)MOHAN ARUN KOLHATKAR**
**2)KIRAN DESHMUKH**

(57) Abstract :
Disclosed is an awning device (100) for protecting passengers during ingress to and egress from a vehicle (200). The awning device (100) comprises a base member (30), a sliding mechanism, a cover (50), a linkage mechanism and an operating means. The linkage mechanism deploys and un-deploys the cover (50) upon actuation thereof. The awning device (100) protects the occupants of the vehicle (200) from rain and sun from a driver side as well as from a passenger side. The awing device (100) is operated automatically as well as manually. Figure 2B

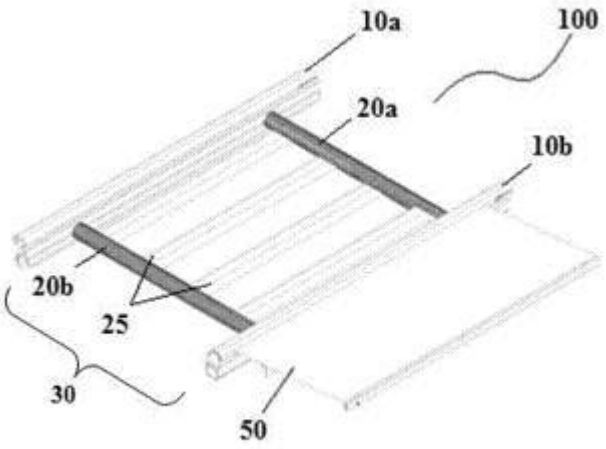


Figure 2B

No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2013

(21) Application No.3203/MUM/2013 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : LOW COST END POINT DIGITAL ENERGY METERING AND CONTROL OF COMMON HOUSEHOLD APPLIANCES USING WIRELESS NETWORK AND CLOUD TECHNOLOGY.

| | |
|---|---|
| (51) International classification | :G07F15/06, G01S 5/00 |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

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**2)MR. SUSHIL PANGENI**
(72)**Name of Inventor :**
**1)MR. YUVRAJ TOMAR**
**2)MR. SUSHIL PANGENI**

(57) Abstract :
The present invention provides a method for monitoring and controlling power consumption at plurality endpoints. The method comprises, receiving raw data from plurality of endpoints, processing the raw data received from the plurality of the endpoints, communicating the processed data to a database using one or more protocols, interpreting the processed data into one or more events, measuring the power consumed by the plurality of the endpoints using the interpreted data; and controlling the power consumption of the plurality of the endpoints using one or more applications.

No. of Pages : 59 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2013

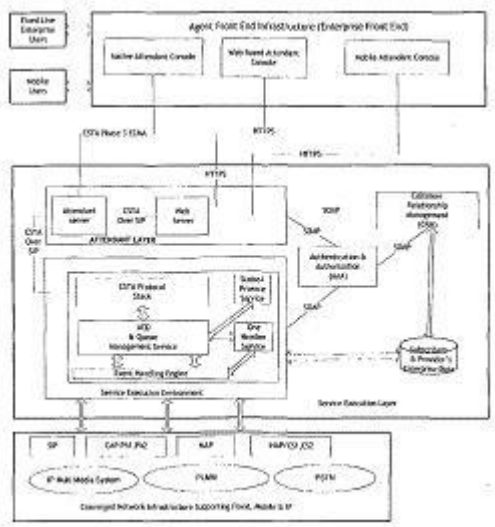
(21) Application No.3873/MUM/2013 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYSTEM AND METHOD FOR HANDLING SOCIAL MEDIA INPUTS BY EXTENDING CSTA PROTOCOL IN AN MULTI CHANNELCONVERGED INFRASTRUCTURE

| | |
|---|---|
| (51) International classification | :G06Q 50/00 |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

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Maharashtra India
(72)**Name of Inventor :**
**1)SANKARNARAYANAN NAGASUBRAMANIAM**
**2)MILIND SHRIDHAR JALWADI**

(57) Abstract :
Disclosed is a method and system for handling social media inputs in an existing multi channel converged CSTA based infrastructure. The method and system is characterized by determination of priority and potential churn index of the inputs received from sentiment analysis module based on predetermined parameters. The inputs are translated into qualifier by using predetermined combinations of severity index and anticipated churn index, which are then adapted into the CSTA specifications, thereafter, the method and system includes determination of routing of the adapted posts for further treatment using inbound mechanism or outbound mechanism. Specifically, the routing of the inbound post is carried out leveraging the one number service of the CSTA based infrastructure.



No. of Pages : 49 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2013

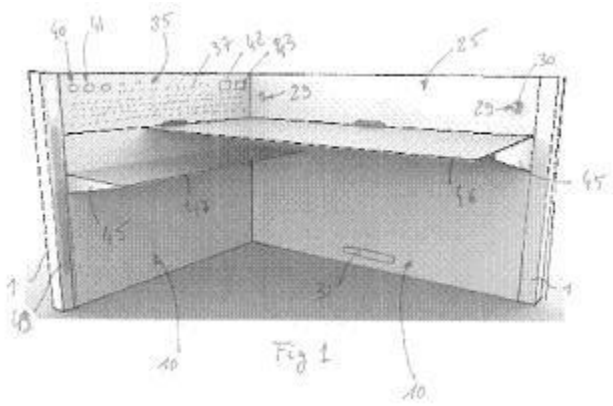
(21) Application No.3802/MUM/2013 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MODULAR PARTITION STRUCTURE FOR THE DELIMITATION OF WORKSTATIONS

(51) International classification :E04B2/74
(31) Priority Document No :1261584
(32) Priority Date :04/12/2012
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :46 rue de Lagny, 93100 Montreuil-sous-bois, France. France
**2)SAPHYR**
(72)**Name of Inventor :**
**1)PIECHACZYK, Brice**

(57) Abstract :
It is disclosed a modular partition structure comprising : - at least two posts (1), - at least a radiant panel (10) intended to be fixed to and between two posts (1), comprising two facing plates (11) defining an internal space (12) inside which is disposed at least one circuit (13 ) for circulating a heat transfer fluid said circuit being fixed on the inner face of at least one of the facing panels (11) and comprising means (15) for connection to a supply facility of tempered heat transfer fluid. Figure 1 is the representative figure.




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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/12/2013

(21) Application No.3803/MUM/2013 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MASTER CYLINDER FOR REAR DISC BRAKE

| | | |
|---|---|---|
| (51) International classification | :B60T 11/00 | (71)**Name of Applicant :** **1)ENDURANCE TECHNOLOGIES PRIVATE LIMITED** Address of Applicant :E 93, M.I.D.C. INDUSTRIAL AREA, WALUJ, AURANGABAD - 431136, MAHARASHTRA 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)RAMANAMURTHY NETI** |
| (87) International Publication No | : NA | **2)MORESH RAJENDRA DESHPANDE** |
| (61) Patent of Addition to Application Number | :NA | **3)BUJJIBABU NELLI** |
| Filing Date | :NA | **4)VIBHANSHU SINGHAI** |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :
An integrated master cylinder further comprising a reservoir inclined at mounting having a piston assembly which can be actuated by a foot pedal. The integrated master cylinder is constructed such that the reservoir cap and the diaphragm separately are parallel to the horizontal axis of the vehicle.

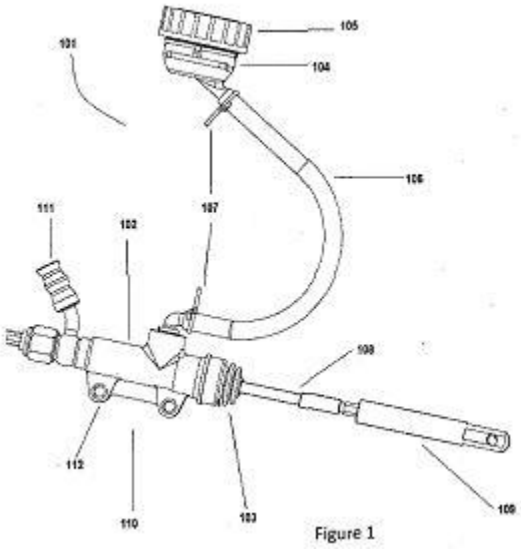


Figure 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/12/2014
(21) Application No.4126/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ENHANCING CONTACT CENTER CALCULATIONS BASED ON REAL-TIME SPEECH ANALYTICS

| | |
|---|---|
| (51) International classification | :G10L 21/00 |
| (31) Priority Document No | :61/933, 599 |
| (32) Priority Date | :30/01/2014 |
| (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)AVAYA, INC**
Address of Applicant :211, MOUNT AIRY ROAD, BASKING RIEGE, NEW JERSEY 07920, USA. U.S.A.
(72)**Name of Inventor :**
**1)SHMUEL SHAFFER**
**2)SEAMUS HAYES**
**3)PAUL D'ARCY**

(57) Abstract :
System and method to calculate expected waiting time of a caller to a calling center, the method including: monitoring, by a monitor circuit, a content of a present communication session; estimating a point of progress of the monitored communication session; comparing the point of progress to a historical statistic; calculating, by a processor, a projection of a duration of a remainder of the present communication session; and providing, by a communication circuit, an expected waiting time (EWT) based upon the projection of the duration of the remainder of the present communication session. Embodiments may include a speech search process to record call progress. The speech search process may inform, diagnose or monitor a call. The speech search process may inform a supervisor of progress, to take action if necessary. The speech search process may dynamically trigger other processes and construct profiles based upon historical data.

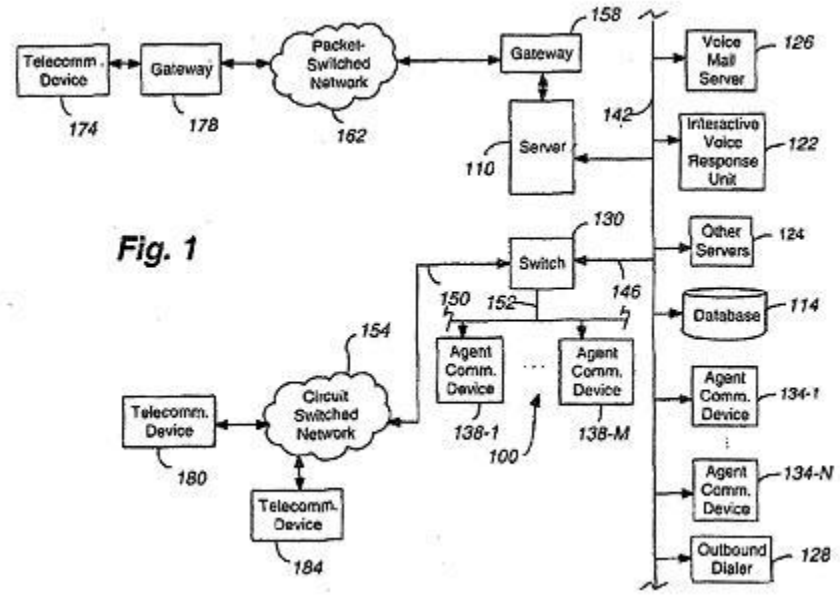



Fig. 1

No. of Pages : 33 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/01/2014
(21) Application No.4129/MUM/2013 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : STACK UP TROLLEY FOR COLLECTING BLANK SCRAPS

| | | |
|---|---|---|
| (51) International classification | :B62B 3/00 | (71)**Name of Applicant :** **1)MAHINDRA & MAHINDRA LIMITED** Address of Applicant :R & D CENTER, AUTOMOTIVE SECTOR, 89, M.I.D.C., SATPUR, NASHIK-422 007, MAHARASHTRA, INDIA. 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 :** **1)PANKAJ DEPRAM MORE** |
| 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 :
Stack up trolley for collecting blank scraps comprising of a fixed stack up trolley mounted in front of sliding gate, said fixed stack up trolley having a roller strip, conveyor and a stationery blank collection area at the top side to collect the scarp flowing from the blanking die; a moving trolley is provided below the said fixed stack up trolley such a that the fixed trolley gets arrested with the help of tower bolts to collect the blank scraps in stack up manner; counterweight blocks are pivotally mounted below the said fixed stack up trolley in such a manner that once the weight of scrap exceeds the weight of counter weight blocks, the said counterweight blocks unswing so that the collected scrap falls down in a moving trolley which shall be taken to the required station for collection.

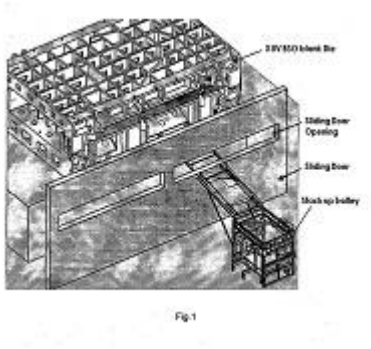


Fig.1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2014

(21) Application No.3212/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : Transaction method and system for integrating philanthropy and volunteering

(51) International classification :F02D41/40,F02D41/02,F02D41/04
(31) Priority Document No :61993320
(32) Priority Date :15/05/2014
(33) Name of priority country :U.S.A.
(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)Indigo Capital Group LLC**
Address of Applicant :5708 Seville Court, Plano, TX 75093, USA U.S.A.
(72)**Name of Inventor :**
**1)Tess P Michaels**
**2)Max P Michaels**

(57) Abstract :
The present invention provides a system for managing charitable funds in the ecosystem of corporations, philanthropists, volunteers and non-profits that do social good. Participants may sponsor and cause to issue a finite number of alternative currency units, with varying conditions on use. These units are transferred to volunteers who are supporting a non-profit organization corresponding to the volunteer hours spent by each. The earned units may be gifted by each volunteer to any non-profit organization. Alternatively, the units may be directly granted to a non-profit by corporations and philanthropists corresponding to the units earned by each volunteer. The non-profits voluntarily accept the units and spend it to generate social good. These new methods to pledge, sponsor, issue, buy, sell, earn, store, gift and spend the alternative currency units create a vibrant, community that multiplies the social good generated.

No. of Pages : 31 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/10/2014

(21) Application No.3407/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A BODY-BIASED SLICER DESIGN FOR PREDICTIVE DECISION FEEDBACK EQUALIZERS •

(51) International classification :H04L25/03
(31) Priority Document No :61/898,421
(32) Priority Date :31/10/2013
(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)Samsung Display Co., Ltd.**
Address of Applicant :95, Samsung 2 Ro, Giheung-Gu, Yongin-City, Gyeonggi-Do, Korea. Republic of Korea
(72)**Name of Inventor :**
**1)Mohammad HEKMAT**
**2)Amir Amirkhany**

(57) Abstract :
A predictive decision feedback equalizer using body bias of one or more field effect transistors (FETs) to provide an offset for a predictive tap. In one embodiment, a predictive tap of the predictive decision feedback equalizer includes a differential amplifier composed of two FETs in a differential amplifier configuration, and the body bias of one or both FETs is controlled to provide an offset in the differential amplifier. In one embodiment a current DAC driving a DAC resistor is used to provide the body bias voltage, and a feedback circuit, including a replica circuit forming the maximum possible DAC output voltage, is used to control the bias of the current sources of the current DAC.

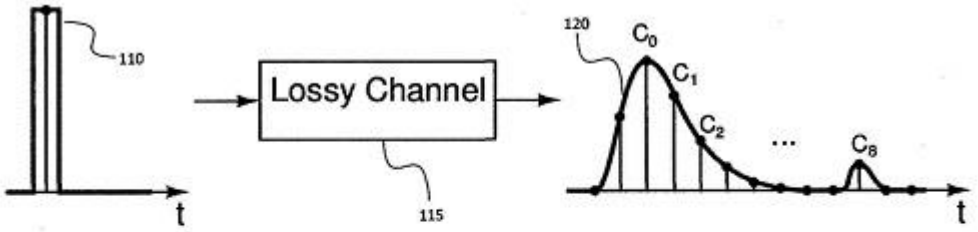



*FIG. 1A*

No. of Pages : 31 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/09/2014

(21) Application No.3085/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COMMUNICATION NETWORK EQUIPMENT PERFORMING INTELLIGENT POWER MANAGEMENT

(51) International classification :G06F19/00
(31) Priority Document No :103209097
(32) Priority Date :23/05/2014
(33) Name of priority country :Taiwan
(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)Connection Technology Systems Inc.**
Address of Applicant :18F.-6, No.79, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 221, Taiwan R.O.C. Taiwan
(72)**Name of Inventor :**
**1)YU-HSIN CHEN**

(57) Abstract :
A communication network equipment performing intelligent power management is provided. The communication network equipment performing intelligent power management comprises an intelligent power management module comprising a power supply module and a voltage detection module. The power supply module comprises a backup power supply and an AC/DC converter electrically connected with an AC power supply in the surroundings. The voltage detection module is electrically connected to the AC power supply to detect a voltage value of the AC power supply in the surroundings. When the voltage value of the AC power supply in the surroundings is higher than a pre-determined voltage loading range, the backup power takes charge of managing electricity supply; when the voltage value of the AC power supply in the surroundings is within the pre-determined voltage loading range, the AC power supply in the surroundings takes charge of managing electricity supply.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.2745/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : WHEEL ASSEMBLY WITH FOAM INSERT

(51) International classification :B60C17/06
(31) Priority Document No :14/056,567
(32) Priority Date :17/10/2013
(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)DEERE & COMPANY**
Address of Applicant :ONE JOHN DEERE PLACE, MOLINE, ILLINOIS, 61265-8098, USA U.S.A.
(72)**Name of Inventor :**
**1)DUPPONG STEVEN A**
**2)ROTH JONATHAN T**

(57) Abstract :
A tire assembly includes a wheel rim, a tire mounted on the rim and a foam insert which only partially fills an annular volume enclosed by the tire and rim. The foam insert displaces air within the annular volume. The insert is not bonded to the tire. The insert maintains its shape and its mass distribution within the tire.

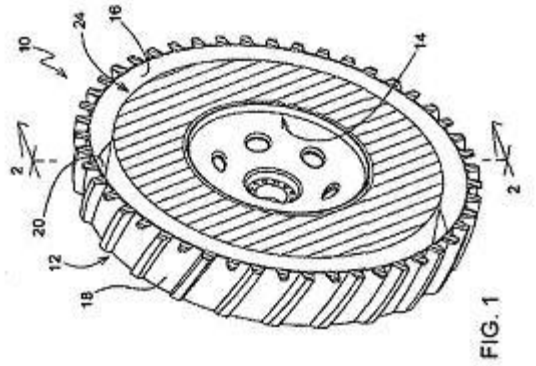


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/02/2014
(21) Application No.362/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : NOVEL HETEROCYCLIC COMPOUNDS

| | |
|---|---|
| (51) International classification | :C07D 487/00 |
| (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)Cadila Healthcare Ltd.**
Address of Applicant :Cadila Healthcare Ltd., Zydus Tower, Satellite Cross Road, Ahmedabad Gujarat India
(72)**Name of Inventor :**
**1)Ranjit C. Desai**
**2)Rajesh Bahekar**
**3)Dipam Patel**

(57) Abstract :
The present invention relates to heterocyclic compounds of the general formula (I) their pharmaceutically acceptable salts, pharmaceutically acceptable solvates, enantiomers, diastereomers, and polymorphs. The invention also relates to processes for the preparation of the compounds of invention, pharmaceutical compositions containing the compounds and their use as selective Bruton™s Tyrosine Kinase (BTK) inhibitors.

No. of Pages : 146 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/11/2014

(21) Application No.3624/MUM/2014 A
(43) Publication Date : 04/12/2015

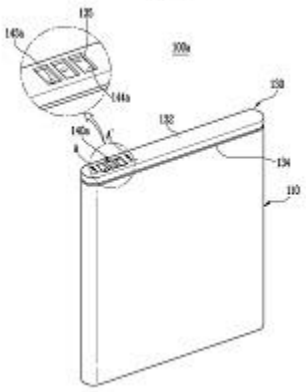
(54) Title of the invention : BATTERY PACK

(51) International classification :B60L15/20
(31) Priority Document No :10-2013-0156834
(32) Priority Date :17/12/2013
(33) Name of priority country :Republic of Korea
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)SAMSUNG SDI CO., LTD.**
Address of Applicant :150-20, Gongse-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Korea Republic of Korea
(72)**Name of Inventor :**
**1)YI, Sang-I1**
**2)BAEK, Woon-Seong**
**3)JI, Se-Jin**

(57) Abstract :
A battery pack includes a bare cell; a case accommodating the bare cell; and a circuit having at least one portion located on a surface of the case adjacent the bare cell, the circuit being electrically coupled to the bare cell.

FIG. 1



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/02/2014

(21) Application No.537/MUM/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HETEROGENEOUS ZIEGLER-NATTA CATALYST COMPOSITION, A PROCESS FOR ITS PREPARATION AND A PROCESS FOR POLYMERIZING OLEFIN USING THE SAME

| | |
|---|---|
| (51) International classification | :C08F4/654, C08F4/76 |
| (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)RELIANCE INDUSTRIES LIMITED**
Address of Applicant :3RD FLOOR, MAKER CHAMBER-IV 222, NARIMAN POINT, MUMBAI-400021, MAHARASHTRA, INDIA. Maharashtra India
(72)**Name of Inventor :**
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**2)SARMA KRISHNA RENGANATH**
**3)BAGUI MAHUYA**
**4)PATEL VIRALKUMAR**
**5)JASRA RAKSH VIR**
**6)MATHUR AJIT BEHARI**
**7)VAKIL SUKETU M.**

(57) Abstract :
The present disclosure provides a Ziegier-Natta catalyst composition for preparing polymers of ethylene monomers having ultrahigh molecular weight, said composition comprises (i) a pro-catalyst component containing a reaction product of a magnesium containing compound and a titanium containing compound, characterized in that said pro-catalyst component comprises magnesium, titanium and chlorine in an amount ranging between 15 and 18 mole %; 20 and 23 mole % ; and 60 and 64 mole %, respectively, all proportions being with respect to the total weight of a Ziegler-Natta catalyst composition; (ii) a co-catalyst component; and (iii) at least one external electron donor compound selected from the group of organosilane compounds having the general formula (I), wherein R\R2,R3 and R4 are same or different and are individually selected from the group consisting of linear or branched alkyl groups, cycloalkyl groups, aryl groups, alkoxy and aryloxy groups.

No. of Pages : 39 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/12/2013

(21) Application No.3974/MUM/2013 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CAPACITOR FAILURE

| | | |
|---|---|---|
| (51) International classification | :H02H 3/00, H02H 7/00 | (71)**Name of Applicant :**<br>**1)CONTROL TECHNIQUES LTD**<br>Address of Applicant :THE GRO, POOL ROAD, NEWTOWN, POWYS, SY16 3BE, UNITED KINGDOM U.K. |
| (31) Priority Document No | :NA | (72)**Name of Inventor :** |
| (32) Priority Date | :NA | **1)BABURAJ RAJKUMAR** |
| (33) Name of priority country | :NA | |
| (86) International Application No | :NA | |
| Filing Date | :NA | |
| (87) International Publication No | : NA | |
| (61) Patent of Addition to Application Number | :NA | |
| Filing Date | :NA | |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :
A circuit is arranged to detect a voltage imbalance indicative of component failure and, upon such detection, convey an optical signal to indicate that a component appears to have failed.

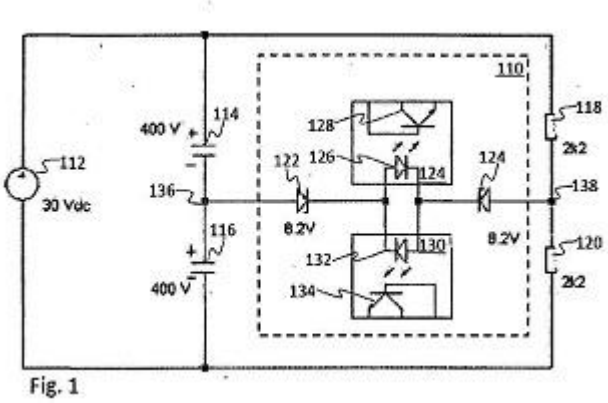


Fig. 1

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/12/2013

(21) Application No.3977/MUM/2013 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYSTEM AND METHOD FOR AUTOMATED DISTRIBUTION OF SUPERVISORY FUNCTIONS IN A CONTACT CENTER

(51) International classification :H04L12/26
(31) Priority Document No :13/786,817
(32) Priority Date :06/03/2013
(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)AVAYA, INC**
Address of Applicant :211, MOUNT AIRY ROAD, BASKING RIDGE, NEW JERSEY 07920, USA. U.S.A.
(72)**Name of Inventor :**
**1)PAUL D'ARCY**
**2)NEIL O'CONNOR**

(57) Abstract :
A system for automated distribution of supervisory functions in an enterprise is provided. The system includes a monitor module configured to monitor performance of resources in the enterprise. The system further includes a skill finder module configured to find at least one skilled resource for at least one type of work request. The system further includes an assignment module configured to assign the at least one skilled resource a subset of supervisory role for the at least one type of work request.

No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/06/2012

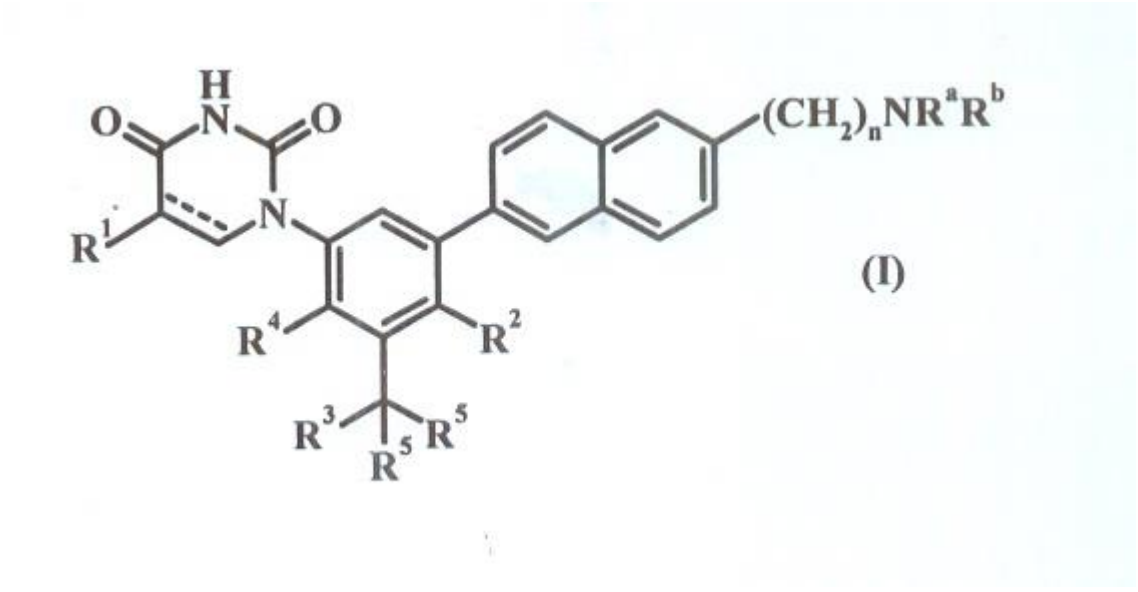
(21) Application No.5126/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HETEROCYCLIC ANTIVIRAL COMPOUNDS

(51) International classification :C07D405/04
(31) Priority Document No :61/286,136
(32) Priority Date :14/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/069442
Filing Date :13/12/2010
(87) International Publication No :WO 2011/073114 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)SCHOENFELD, RYAN CRAIG**
**2)STABEN, LEANNA RENEE**
**3)TALAMAS, FRANCISCO XAVIER**

(57) Abstract :
Compounds having the formula I wherein R1, R2, R3, R4, R5, Ra, Rb, Rc, Rd and n are as defined herein are Hepatitis C virus NS5b polymerase inhibitors. Also disclosed are compositions and methods for treating an HCV infection and inhibiting HCV replication.




(I)

No. of Pages : 43 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2012
(21) Application No.5820/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : NETWORK SYSTEM COMMUNICATION METHOD COMMUNICATION TERMINAL AND COMMUNICATION SERVER

(51) International classification :G06F13/00
(31) Priority Document No :2009278283
(32) Priority Date :08/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/071815
Filing Date :06/12/2010
(87) International Publication No :WO 2011/071012
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)SHARP KABUSHIKI KAISHA**
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(72)**Name of Inventor :**
**1)AKABANE Toshio**
**2)YAMAMOTO Masaki**
**3)SAKAI Tatsuya**

(57) Abstract :
Provided is a network system (1) that includes a server (200) and a plurality of terminals (100A 100B and 100K). For each room the server (200) stores content and a status that indicates the condition of a terminal (100A). The server (200) associates a status received from the terminal (100A) with a room stores said status in a memory and sends a terminal (100B) the status and content associated with a specified room. Each of the plurality of terminals (100A 100B 100K) sends a status to the server (200) sends the server (200) a room specification inputted via an input device and uses a display to display the status and the content received from the server (200).

No. of Pages : 54 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2012

(21) Application No.5821/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : LIGHT SOURCE MODULE AND ELECTRONIC APPARATUS PROVIDED WITH SAME

(51) International classification :F21S2/00,F21Y101/02
(31) Priority Document No :2010090912
(32) Priority Date :09/04/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/063219
Filing Date :04/08/2010
(87) International Publication No :WO 2011/125239 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**1)ISHIZAKA Takuya**
**2)IKUTA Kazuya**
**3)KURIMOTO Eiji**
**4)NISHIOKA Sumito**
**5)SAKAI Keiji**
**6)MATOBA Hirotsugu**
**7)TAKAYAMA Takeshi**

(57) Abstract :
A light source module has formed thereon at one end section in the longitudinal direction of light guiding bodies (21) that constitute a light guiding plate a penetration hole (23) into which a positioning pin (24) for positioning LED light sources (12) and the light guiding bodies (21) is to be intermeshed. Guides (9) which restrict the light guiding bodies (21) in the lateral direction and not restrict the light guiding bodies (21) in the longitudinal direction are also formed at the other end section of the light guiding bodies (21). Thus a light source module wherein warps and cracks due to expansion of the light guiding plate can be reduced and an electronic apparatus provided with the same is able to be provided.

No. of Pages : 65 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2012

(21) Application No.5822/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A METHOD OF DETERMINING HEADING BY TURNING AN INERTIAL DEVICE

(51) International classification :G01C19/56,G01C21/16
(31) Priority Document No :09/05916
(32) Priority Date :07/12/2009
(33) Name of priority country :France
(86) International Application No :PCT/EP2010/007388
Filing Date :06/12/2010
(87) International Publication No :WO 2011/069627 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)SAGEM DEFENSE SECURITE**
Address of Applicant :Le Ponant de Paris 27 rue Leblanc F 75015 Paris France
(72)**Name of Inventor :**
**1)ROBERFROID David**
**2)EUDIER Jean Baptiste**
**3)GORI Alexandre**

(57) Abstract :
A method of determining a heading by means of an inertial device (1) comprising at least one vibratory angle sensor (3) having a resonator associated with detector means and means for setting the resonator into vibration connected to a control unit to have a first mode of operation in which the vibration is left free to move in an angular frame of reference of the resonator and a second mode of operation in which the vibration is maintained at a predetermined angle in the frame of reference of the resonator and the method comprising the steps of: controlling the sensor in the second mode of operation to maintain the vibration on a predetermined electric angle corresponding to a least error value of the sensor; and · controlling the sensor in the first mode of operation to take a heading measurement and controlling the sensor in the second mode of operation once the measurement has been taken and until the next measurement in order to maintain the vibration on the predetermined electric angle.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2012

(21) Application No.5823/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : IMAGE FILTER ENCODING DEVICE DECODING DEVICE AND DATA STRUCTURE

(51) International classification :H04N7/32
(31) Priority Document No :2009-288448
(32) Priority Date :18/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/070053
Filing Date :10/11/2010
(87) International Publication No :WO 2011/074357 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)YASUGI Yukinobu**
**3)AONO Tomoko**

(57) Abstract :
An adaptive filter (100) calculates from pixel values of pixels belonging to a filter region in an input image and from a filter coefficient vector (V) pixel values of target pixels in an output image. The adaptive filter (100) is provided with a control variable determination unit (120) which changes the aforementioned filter coefficient vector (V) depending either on the position of the aforementioned target region in the aforementioned input image or on the position of the aforementioned target pixels in the aforementioned output image.

No. of Pages : 157 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2012

(21) Application No.5813/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND APPARATUS FOR DELAY CONSTRAINED END TO END ENERGY OPTIMIZATION FOR WIRELESS SERVICES

(51) International classification :H04B1/16,H04W52/02
(31) Priority Document No :12/683,522
(32) Priority Date :07/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/020555
Filing Date :07/01/2011
(87) International Publication No :WO 2011/085229 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)KRISHNASWAMY Dilip**
**2)NGUYEN Hoang V.**

(57) Abstract :
An apparatus including a processing system configured to determine an energy consumption on the mobile device during sleep and active modes of the mobile device; determine an energy consumption on the sensor during sleep and active modes of the sensor; determine energy levels of the mobile device and the sensor and; set sleep durations of the mobile device based on the sleep duration of the sensor while meeting an end to end delay constraint for a service related to the sensor. A method is also disclosed.

No. of Pages : 28 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2012
(21) Application No.5815/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SIMULATION OF THREE DIMENSIONAL MOTION USING HAPTIC ACTUATORS

(51) International classification :G06F3/01
(31) Priority Document No :12/683669
(32) Priority Date :07/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/020571
Filing Date :07/01/2011
(87) International Publication No :WO 2011/085242
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)TARTZ Robert S.**
**2)KING Bennett M.**

(57) Abstract :
An apparatus includes a processing system a display and a plurality of haptic actuators. The display and the haptic actuators are coupled to the processing system. The processing system is configured to control the haptic actuators to simulate movement in a particular direction corresponding to movement in the particular direction in a visual depiction in the display.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2012

(21) Application No.5817/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : NOISE REDUCING EXTRUSION COATING COMPOSITIONS

(51) International classification :C09D123/00,C09D123/06
(31) Priority Document No :61/290,580
(32) Priority Date :29/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/058204
Filing Date :29/11/2010
(87) International Publication No :WO 2011/081753 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)ZUERCHER Karl**
**2)DOMENECH Angels**

(57) Abstract :
Methods for extrusion coating a substrate are provided. The methods comprise applying an extrusion coating composition to a surface of a substrate by extrusion coating. In these methods the extrusion coating composition includes a polyolefin and an inorganic particulate material having an average particle size of no greater than 2 μm and a particle loading of at least 20 weight percent based on the total weight of polyolefin and the inorganic particulate material.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2012

(21) Application No.5930/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SEISMIC CLIP

(51) International classification :E04B9/30
(31) Priority Document No :12/644,035
(32) Priority Date :22/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/061225
Filing Date :20/12/2010
(87) International Publication No :WO 2011/087745 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)LEHANE James J. Jr.**
**3)GULBRANDSEN Peder J.**

(57) Abstract :
A seismic clip for suspended ceiling grid tees that offers high strength, rigidity, versatility and ease of assembly while improving the ability of a clip to self align with a grid tee. The clip includes a lanced tab that serves to establish and maintain alignment of the clip body and the tee to which it is assembled whereby a tendency of a clip to be tilted upwardly relative to the tee is eliminated or greatly reduced. The alignment tab serves to initially align the clip and tee either when it is assembled by snapping it over the tee or by sliding the tee endwise into the clip. The tab is configured so that it does not unduly add to the assembly force level when the clip is snapped over the tee or when the tee and clip are slipped endwise together.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2012
(21) Application No.5933/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : NETWORK SYSTEM AND NETWORK REDUNDANCY METHOD

(51) International classification :H04L12/56
(31) Priority Document No :2010-000819
(32) Priority Date :05/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/050016
Filing Date :04/01/2011
(87) International Publication No :WO 2011/083785 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**4)IZAWA Tetsu**
**5)SATO Shihomi**

(57) Abstract :
Provided is a network system in which a switch for transferring a packet and a control server for determining route information are separated from each other. In the network system in the case where the switch receives a control message relating to a flow entry registration or the like which is based on the route information from the control server redundancy of a control channel by an out of band control channel and an in band control channel is achieved. Specifically in the network system in which the switch for transferring the packet and the control server for determining the route information are separated from each other the switch and the control server is connected through the control channel for transmitting and receiving the control message. In order to determine the route information the switch uses a route dedicated to the control message is connected with the control server by the out of band control channel uses a shared route with an ordinary data communication and is connected with another control server by the in band control channel thereby achieving the redundancy of the control channel.

No. of Pages : 68 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/06/2012

(21) Application No.5725/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : THREE STEP COLOR SORTING SYSTEM

(51) International classification :B07C5/00
(31) Priority Document No :10-2012-0006344
(32) Priority Date :19/01/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/003229
Filing Date :26/04/2012
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)CHOI, BYUNGJOON**

(57) Abstract :
Disclosed herein is a three step color sorting system which continuously sorts leaflets, such as green tea, black tea, chrysanthemum, herbs, which have a small specific gravity, and serious changes in size and color, in three steps to achieve effective color sorting at high productivity and to obtain leaflets having a high quality (high level) without damage to the leaflets. The three step color sorting system implements illumination of a color the same as the leaflets and brightness using one chip type full color LEDs, each of which is formed by combining three primary LEDs including red, green and blue LEDs, thus more effectively (efficiently) removing foreign substances having different colors from the leaflets, for example, glass or synthetic resin, leaflets which are partially rotten or discolored, and different kinds of leaflets.

No. of Pages : 62 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/06/2012
(21) Application No.5726/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SIMULATED SOLAR LIGHT IRRADIATION DEVICE AND SIMULATED SOLAR LIGHT IRRADIATION METHOD

(51) International classification :F21S2/00
(31) Priority Document No :2010-013196
(32) Priority Date :25/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/061477
Filing Date :06/07/2010
(87) International Publication No :WO 2011/089744 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)IDEN, TAMON**
**2)MINAMI, KOHJI**

(57) Abstract :
A simulated solar light irradiation device (30) includes (i) a light source section including a first light source (1) and a second light source (2), (ii) light selection means (7) for selecting and emitting (a) light, having shorter-wavelengths than a predetermined boundary wavelength, in first light irradiated by the first light source (1) and (b) light, having longer-wavelengths than the predetermined boundary wavelength, in second light irradiated by the second light source (2), and (iii) control means (5, 6) for controlling a directivity of the first light or a directivity of the second light so that the first light or the second light enters the light selection means (7) at a predetermined incident angle. In this way, it is possible to irradiate designed simulated solar light without increasing a size of the device.

No. of Pages : 53 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2012

(21) Application No.5943/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : EXTENDING VIEW FUNCTIONALITY OF APPLICATION

(51) International classification :G06F3/14,G06F3/048
(31) Priority Document No :12/687, 123
(32) Priority Date :13/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/059282
Filing Date :07/12/2010
(87) International Publication No :WO 2011/087624
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)COX Andrew D.**
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**5)WU Alan K.**

(57) Abstract :
The viewing functionality of an application may be extended by use of an adapter. An application is instantiated and the application may provide a view box that contains a scrolling feature as part of its interface. The adapter uses the application behind the scenes to collect information in a way that is not visible to the user. Mouse gestures may be defined to perform various viewing functions such as zooming. The adapter intercepts these gestures in the window that the user uses to interact with the application and interprets the gestures as specific view commands (such as zoom). Based on the commands (or possibly in anticipation of commands that have not yet been issued) the adapter uses the application to collect content. The application then scales the content appropriately puts the scaled content in a document and overlays the document on top of the view box.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2012

(21) Application No.5944/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DETERMINATION OF PAIRINGS ON A CURVE USING AGGREGATED INVERSIONS

(51) International classification :G06F21/00,G06F17/10,G06F15/00
(31) Priority Document No :12/686,707
(32) Priority Date :13/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/062656
Filing Date :31/12/2010
(87) International Publication No :WO 2011/087891 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)LAUTER Kristin**
**2)MONTGOMERY Peter**
**3)NAEHRIG Michael**

(57) Abstract :
One or more techniques and/or systems are disclosed that provide for determining mathematical pairings for a curve for use in cryptography. A plurality of inversions used for determining the mathematical pairings for the curve are aggregated (e.g. into a single inversion in respective levels of a binary tree representation of elements of the computation). The mathematical pairings for the curve are determined in affine coordinates from a binary representation of a scalar read from right to left using the aggregated plurality of inversions.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/06/2012
(21) Application No.5745/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DATA TRANSMISSION METHOD, DATA RECEPTION METHOD, DATA MODULATION DEVICE, DATA DE-MODULATION DEVICE

(51) International classification :H04L27/36
(31) Priority Document No :2009-273461
(32) Priority Date :01/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/071480
Filing Date :01/12/2010
(87) International Publication No :WO 2011/068119 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)KAMIYA, NORIFUMI**
**2)SASAKI, EISAKO**

(57) Abstract :
By using circularly-arranged signal points obtained by rearranging a part of signal points arranged in a rectangular shape or a cross shape, average signal power and peak signal energy are reduced to improve nonlinear distortion characteristics. Provided is a bit mapping method in which an average value of a Hamming distance in terms of a specified lower bit portion between adjacent signal points is small, and a Euclidean distance between signal points at which the lower bit portions assigned thereto coincide with each other becomes maximum. By applying error correction code only to the lower bit portion, a data transmission method excellent in bit error rate characteristics is provided while suppressing a band expansion rate.

No. of Pages : 163 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/06/2012

(21) Application No.5746/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CEILING OR WALL ELEMENT WITH A HEATING OR COOLING REGISTER

(51) International classification :F24F5/00
(31) Priority Document No :10 2009 055 441.6
(32) Priority Date :31/12/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/070977
Filing Date :31/12/2010
(87) International Publication No :WO 2011/080337 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)KIPFELSBERGER, CHRISTIAN**
**3)RAUCH, SIEGFRIED**
**4)HEINDL, THOMAS**
**5)MICHELS, ROBERT**

(57) Abstract :
The invention relates to a ceiling or wall element (10) (hr fixing to a ceiling (5) or a wall. Said ceiling Or wall element (10) is provided with a frame (2) comprising a base plate (2a) which can be fixed to the ceiling (5) and/or the wall, in which a heating or cooling register (9) is arranged According to the invention, a non-woven fabric (3) and a perforated graphite film (I) are arranged between the base plate (2a) of frame (2) and the heating or cooling register (9)

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2012

(21) Application No.5869/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : STORING SECURE MODE PAGE TABLE DATA IN SECURE AND NON SECURE REGIONS OF MEMORY

(51) International classification :G06F12/10,G06F12/14
(31) Priority Document No :12/656849
(32) Priority Date :17/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/GB2011/050270
Filing Date :14/02/2011
(87) International Publication No :WO 2011/101660 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)GRISENTHWAITE Richard Roy**

(57) Abstract :
Apparatus for data processing (2) is provided with processing circuitry (8) which operates in one or more secure modes (40) and one or more non secure modes (42). When operating in a non secure mode one or more regions of the memory are inaccessible. A memory management unit (24) is responsive to page table data to manage accesses to the memory which includes a secure memory (22) and a non secure memory (6). Secure mode page table data (36 38) is used when operating in one of the secure modes. A page table entry within the hierarchy of page tables of the secure mode page table data includes a table security field (68 72) indicating whether or not a further page table pointed to by that page table entry is stored within the secure memory (22) or the non secure memory (6). If any of the page tables associated with a memory access are stored within the non secure memory (6) then the memory access is marked with a table attribute bit NST indicating that the memory access should be treated as non secure.

No. of Pages : 36 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2012

(21) Application No.5978/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CAMERA PLATFORM SYSTEM

(51) International classification :H04N7/18,G03B17/56,H04N5/222
(31) Priority Document No :2010-000890
(32) Priority Date :06/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/007506
Filing Date :24/12/2010
(87) International Publication No :WO 2011/083547 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)TAKIZAWA Hiroshi**

(57) Abstract :
A camera platform system 1 has a camera 11 that takes an image of an object to generate a shot image camera platforms 12 and 13 that rotate the camera around a pan axis and a tilt axis and image processors 4 5 and 6 that generate a display image based on the shot image. When the camera passes a predetermined angle position to rotate around the tilt axis the image processor generates a first display image corresponding to an image formed by rotating the shot image by an angle larger than 0 degree and smaller than 180 degrees around the pan axis at the predetermined angle position before generating a second display image corresponding to an image formed by rotating the shot image by 180 degrees around the pan axis.

No. of Pages : 35 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2012

(21) Application No.5880/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND DEVICE FOR CHECKING SOFTWARE INSTALLATION

(51) International classification :H04L12/26,G06F11/36
(31) Priority Document No :201010000565
(32) Priority Date :12/01/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/070025
Filing Date :04/01/2011
(87) International Publication No :WO 2011/085647 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)WANG Baojian**

(57) Abstract :
The present invention discloses a method and an apparatus for detecting software installation which belong to the field of computer technology. The method includes: obtaining the software to be detected and its corresponding detection strategy from a detection strategy file saved in a client wherein there is at least one detection strategy corresponding to the software to be detected; according to the detection strategy corresponding to the software to be detected judging whether the software to be detected has already been installed. The apparatus includes an obtainment module and a detection module. By using the software corresponding to each Identifier (ID) stored in the detection strategy file saved in the client as the software to be detected and performing the detection for the software to be detected according to the detection strategy corresponding to the software to be detected saved in the detection strategy file it can be judged whether the software to be detected has already been installed and thus an accurate and reliable method for detecting software installation is provided.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2012

(21) Application No.5881/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR DEPOSITING MULTI LAYERED LAYERS AND/OR GRADIENT LAYERS

| | |
|---|---|
| (51) International classification | :C23C14/54,C23C16/34,C23C16/517 |
| (31) Priority Document No | :10 2010 000 002.7 |
| (32) Priority Date | :04/01/2010 |
| (33) Name of priority country | :Germany |
| (86) International Application No<br>Filing Date | :PCT/IB2010/055954<br>:20/12/2010 |
| (87) International Publication No | :WO 2011/080661 A1 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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**2)SCHLEMM Hermann**
**3)GROSSE Thomas**
**4)DECKER Daniel**
**5)GRIMM Michael**
**6)SPERLICH Hans Peter**

(57) Abstract :
The invention relates to a method for depositing multi layered layers and/or gradient layers on at least one substrate in an inline plasma coating installation comprising at least one process chamber in which at least two individual plasma sources are successively arranged in the transport direction of the substrate by means of plasma assisted chemical gas phase deposition. The aim of the invention is to provide such a method by which means a plurality of different layers in a stack of layers or a layer having properties that change according to its thickness can be produced on at least one substrate in a single process chamber during the transport of the substrate through the process chamber. To this end according to such a method the at least two plasma sources are operated under different process conditions at excitation frequencies of between 10 kHz and 2 45 GHz at least one of the at least two plasma sources is pulsed and the substrate is continuously transported through the coating areas of the individual plasma sources at least one defined double layered stack comprising individual layers having different properties and/or at least one defined gradient layer being deposited on the substrate.

No. of Pages : 44 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2012

(21) Application No.5991/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MACHINABLE THERMALLY INSULATING STYRENE ACRYLONITRILE COPOLYMER FOAM

(51) International classification :C08J9/14
(31) Priority Document No :61/292,670
(32) Priority Date :06/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/058630
Filing Date :02/12/2010
(87) International Publication No :WO 2011/084277 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)FRANKOWSKI David**
**3)SMITH Roy**
**4)LEE Simon**

(57) Abstract :
Provide a foamable polymer composition containing: (i) a thermoplastic polymer matrix and a blowing agent (a) the thermoplastic polymer matrix containing a styrene acrylonitrile copolymer having a weight averaged molecular weight in a range of 90 000 to 150 000 and polymerized acrylonitrile concentration in a range of five to twenty weight percent relative to total polymer matrix weight; and (ii) a blowing agent containing water 1 1 1 2 tetrafluouroethane and at least one of difluoromethane and 1 1 difluoroethane; (b) cooling the foamable polymer composition to a foaming temperature; and (c) extruding the foamable polymer composition and allowing the blowing agent to expand the foamable polymer composition into a polymeric foam having an average vertical cell size in a range of 0.5 millimeters to 1.8 millimeters and a density in a range of 24 to 40 kilograms per cubic meter and a Normalized Roughness Quotient of 3.5 or less in a Milled Surface Test.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/05/2012

(21) Application No.4000/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HEPATITIS C VIRUS INHIBITORS

(51) International classification :C07D401/14
(31) Priority Document No :61/260,115
(32) Priority Date :11/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/055565
Filing Date :05/11/2010
(87) International Publication No :WO 2011/059887 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)YANG, ZHONG**
**4)BELEMA, MAKONEN**
**5)LOPEZ, OMAR D.**
**6)CHEN, QI**
**7)WANG, GAN**
**8)HEWAWASAM, PIYASENA**

(57) Abstract :
The present disclosure relates to compounds, compositions and methods for the treatment of Hepatitis C virus (HCV) infection. Also disclosed are pharmaceutical compositions containing such compounds and methods for using these compounds in the treatment of HCV infection.

No. of Pages : 593 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2012

(21) Application No.5783/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : NEW BICOMPONENT FIBER

(51) International classification :D01F8/06,D01F8/12,D01F8/14
(31) Priority Document No :12/651,628
(32) Priority Date :04/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/008001
Filing Date :31/12/2010
(87) International Publication No :WO 2011/079959 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**2)BLECH Bernd A.**
**3)STEFANI Werner**
**4)GRASSER Werner**
**5)DEMIRORS Mehmet**
**6)CLAASEN Gert**

(57) Abstract :
The present invention relates to a new bicomponent fiber a nonwoven fabric comprising said new bicomponent fiber and sanitary articles made therefrom. The bicomponent fiber contains a polyethylene based resin forming at least part of the surface of the fiber longitudinally continuously and is characterized by a Co monomer Distribution Constant greater than about 45 a recrystallization temperature between 85°C and 110°C a tan delta value at 0.1 rad/sec from about 15 to 50 and a complex viscosity at 0.1 rad/second of 1400 Pa.sec or less. The nonwoven fabric comprising the new bicomponent fiber according to the instant invention are not only excellent in softness but also high in strength and can be produced in commercial volumes at lower costs due to higher thoughputs and requiring less energy.

No. of Pages : 31 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2012

(21) Application No.5785/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MYBL2 PEPTIDES AND VACCINES CONTAINING THE SAME

| | |
|---|---|
| (51) International classification | :C07K7/06,A61K39/00,A61P35/00 |
| (31) Priority Document No | :61/266,871 |
| (32) Priority Date | :04/12/2009 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No<br>Filing Date | :PCT/JP2010/007028<br>:02/12/2010 |
| (87) International Publication No | :WO 2011/067933 A1 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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(72)**Name of Inventor :**
**1)NAKAMURA Yusuke**
**2)TSUNODA Takuya**
**3)OHSAWA Ryuji**
**4)YOSHIMURA Sachiko**
**5)WATANABE Tomohisa**

(57) Abstract :
Peptide vaccines against cancer are described herein. In particular epitope peptides derived from the MYBL2 gene that bind to HLA antigen and have cytotoxic T lymphocyte (CTL) inducibility more particularly peptides having the amino acid sequence of SEQ ID NO: 5 and fragments thereof are provided. The present invention further extends to peptides that include one two or several amino acid insertions substitutions or additions to the aforementioned peptides or fragments provided they retain cytotoxic T cell inducibility. Also provided as nucleic acids encoding any of the aforementioned peptides antigen presenting cells and isolated CTLs that target such peptides and pharmaceutical agents and compositions including any of the aforementioned peptides nucleic acids and APCs as active ingredients. The components of the present invention have particular utility in connection with the treatment and/or prophylaxis (i.e. prevention) of cancers (tumors) and/or the prevention of a postoperative recurrence thereof.

No. of Pages : 66 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2012

(21) Application No.5786/CHENP/2012 A
(43) Publication Date : 04/12/2015

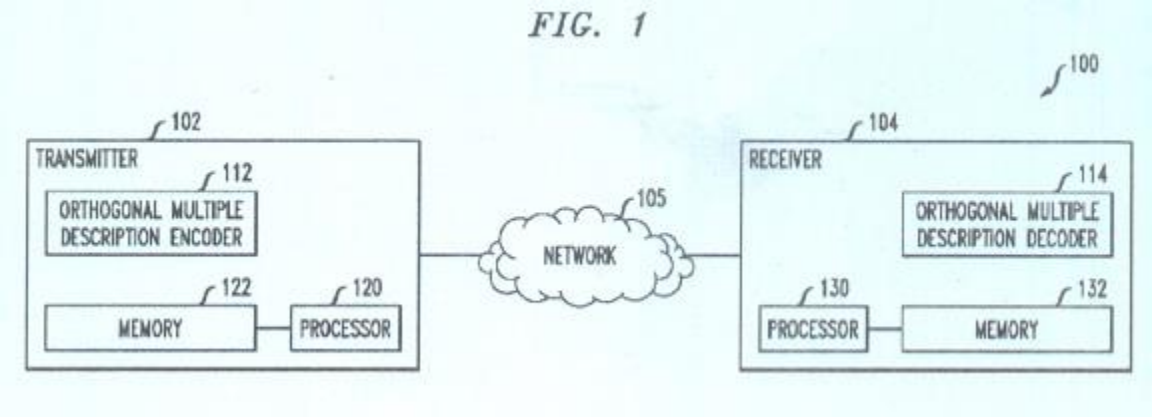
(54) Title of the invention : ORTHOGONAL MULTIPLE DESCRIPTION CODING

(51) International classification :H04B1/66
(31) Priority Document No :12/652390
(32) Priority Date :05/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/020017
Filing Date :03/01/2011
(87) International Publication No :WO 2011/084908
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)MATTHEWS Kim N.**
**3)SAYEED Zulfiquar**
**4)WILFORD Paul A.**
**5)WU Lesley J.**

(57) Abstract :
In one aspect an orthogonal multiple description encoder comprises orthogonal multiple description generation circuitry configured to produce multiple descriptions of a given signal by processing the signal using respective ones of a plurality of orthogonal matrices. Each of the multiple descriptions is generated as a function of the signal and a corresponding one of the plurality of orthogonal matrices. Other aspects include an orthogonal multiple description decoder orthogonal multiple description encoding and decoding methods and associated computer program products.

FIG. 1




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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2012

(21) Application No.6012/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : INTRAVASCULAR CATHETER WITH POSITIONING MARKERS AND METHOD OF PLACEMENT

(51) International classification :A61M25/098,A61M25/095,A61B17/34
(31) Priority Document No :61/286, 127
(32) Priority Date :14/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/059998
Filing Date :13/12/2010
(87) International Publication No :WO 2011/081859 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)TAL Michael G.**

(57) Abstract :
An intravascular catheter may include a distal end for insertion and a proximal end. The distal end for insertion may terminate with a tip. It may define at least two openings of which one is proximal most in the distal end. The distal tip may include a first radiopaque marker that is discretely positioned at the proximal most opening and radiographically distinguishes the proximal most opening from the rest of the distal end. The distal tip may also include a second radiopaque marker that marks the tip.

No. of Pages : 28 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2012

(21) Application No.5935/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : TOP FEEDING DOUBLE SWIRL TYPE GASIFIER

(51) International classification :C10J3/20,F23K3/00
(31) Priority Document No :10-2009-0122669
(32) Priority Date :10/12/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/008856
Filing Date :10/12/2010
(87) International Publication No :WO 2011/071339 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)YOO Young Don**
**4)YUN Yong Seung**
**5)PARK Sam Ryong**
**6)KIM Gyoo Tae**
**7)LEE Yong II**

(57) Abstract :
The present invention provides a top feeding double swirl type gasifier: a feed line through which pulverized coal is supplied by nitrogen; a distributor for dividing the pulverized coal supplied; a plurality of burner nozzles for supplying the pulverized coal divided in the distributor and an oxidizer; a pressure reactor in which the pulverized coal and the oxidizer react with each other to produce a flow of synthesis gas; and a swirl generator for imparting a swirling force to the oxidizer which is fed into the pressure reactor the gasifier further comprising a slag cooling and storing container placed beneath the pressure reactor. Each of the burner nozzles consists of a triple tube having a circular cross section. The pulverized coal and carrier gas are supplied to the most central region of the burner nozzle and an oxidizer is supplied to an annular region 34 surrounding the central region.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2012

(21) Application No.5937/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : INHIBITION OF AMINE OXIDATION

(51) International classification :C08G18/18,C08J9/00
(31) Priority Document No :61/293,388
(32) Priority Date :08/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/062476
Filing Date :30/12/2010
(87) International Publication No :WO 2011/084865 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)BARMAN Bhajendra Narayan**
**2)GRIGSBY JR. Robert A.**

(57) Abstract :
In an embodiment an amine oxidation inhibitor such as a free radical scavenger and/or antioxidant is added to an oxidation sensitive amine such as an amine catalyst to inhibit oxidation of the amine. The inhibitor treated amine may then be used in an application such as a polyurethane application to reduce the emission of undesired oxidation products from the polyurethane.

No. of Pages : 37 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2012

(21) Application No.5938/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYNTHETIC AMORPHOUS SILICA POWDER AND METHOD FOR PRODUCING SAME

(51) International classification :C01B33/18,B01J19/08,B07B4/02
(31) Priority Document No :2010-001788
(32) Priority Date :07/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/073287
Filing Date :24/12/2010
(87) International Publication No :WO 2011/083697 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)UEDA Toshiaki**

(57) Abstract :
Disclosed is a synthetic amorphous silica powder which is obtained by subjecting a silica powder to spheroidizing treatment and then cleaning and drying the resulting silica powder and which has an average particle diameter D of 10 2 000 μm. The synthetic amorphous silica powder is characterized by having a value which is obtained by dividing the BET specific surface area by the theoretical specific surface area as calculated from the average particle diameter D of 1.00 1.35 a true density of 2.10 2.20 g/cm an intramolecular porosity of 0 0.05 a circularity of 0.75 1.00 and a spheroidization ratio of 0.55 1.00. Since the amount of gas components adsorbed on the surface of the synthetic amorphous silica powder or contained in the powder is little a synthetic silica glass product that is produced using the powder can be greatly reduced in generation or expansion of gas bubbles even when used in a high temperature and reduced pressure environment.

No. of Pages : 115 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2012

(21) Application No.6052/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COOLING STRUCTURE FOR ELECTRICITY STORAGE DEVICE

(51) International classification :B60K11/06,B60L11/18,B62D25/04
(31) Priority Document No :2009-282842
(32) Priority Date :14/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/069280
Filing Date :29/10/2010
(87) International Publication No :WO 2011/074335 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**4)KURIBAYASHI Tohru**
**5)MOKUDAI Hidehisa**

(57) Abstract :
Provided is a cooling structure such that even if this cooling structure is installed in a compact vehicle where the distance from the backseat to the rear end of the vehicle cabin is short there is sufficient cooling efficiency of an electricity storage device while a living space is secured in the vehicle cabin. A battery is contained in an IPU (13) installed in the vehicle (1). The cooling structure for the battery comprises air intakes (14) opening into the vehicle cabin (2) and is provided with air intake ducts (15) and covers (16) the aforementioned intake ducts (15) extending from the air intakes (14) to the IPU (13) and the aforementioned covers (16) being disposed in such a way as to cover the air intakes (14) and having holes (16a) which are formed so as to cause the inside of the vehicle cabin (2) to communicate with the air intake ducts (15). The air intakes (14) are disposed in such a way that in those rear side sections of the vehicle cabin (2) which are in the vicinity of pillars C (8) located diagonally aft of the backseat (5) the openings of the air intakes (14) incline toward the inside of the vehicle cabin (2).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2012
(21) Application No.5775/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COMPOUND COMPRISING A PESTICIDE AND AN ALKOXYLATE OF 2-PROPYLHEPTYL AMINE

(51) International classification :A01N25/30,C07C213/04,C07C217/08
(31) Priority Document No :10150986.7
(32) Priority Date :18/01/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/050369
Filing Date :13/01/2011
(87) International Publication No :WO 2011/086115 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**4)HUYGHE Kevin**
**5)HADERLEIN Gerd**
**6)SCHNABEL Gerhard**
**7)NOLTE Marc**
**8)EVANS Richard Roger**

(57) Abstract :
The invention relates to a compound comprising a pesticide and an alkoxylate. The invention further relates to the alkoxylate to a method for the production thereof and to the use thereof as an auxiliary agent in pesticide containing spray mixtures. The invention further relates to a method for controlling phytopathogenic fungi and/or undesirable plant growth and/or undesirable insect or mite infestation and/or for regulating the growth of plants wherein the compound is allowed to act on the respective pests the habitat thereof or the plants to be protected from the respective pest the ground and/or undesirable plants and/or the useful plants and/or the habitat thereof. The invention further relates to seed containing the compound.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2012

(21) Application No.5883/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : RADIO COMMUNICATION SYSTEM RADIO TERMINAL RADIO NETWORK WIRELESS COMMUNICATION METHOD AND PROGRAM

| | |
|---|---|
| (51) International classification | :H04W24/10,H04W16/18,H04W52/02 |
| (31) Priority Document No | :2010002365 |
| (32) Priority Date | :07/01/2010 |
| (33) Name of priority country | :Japan |
| (86) International Application No<br>Filing Date | :PCT/JP2011/050047<br>:05/01/2011 |
| (87) International Publication No | :WO 2011/083800 A1 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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(72)**Name of Inventor :**
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**2)AMINAKA Hiroaki**

(57) Abstract :
A radio terminal which has a function to collect and report measurement information designated by a radio network comprises: means for receiving collection/reporting control information related to the radio terminal s execution of at least one of the collection of measurement information and the reporting of the measurement information to the radio network; and control means for executing based on the collection/reporting control information at least one of the collection and the reporting if execution determination information which is related to at least one of the collection of the measurement information and the reporting of the measurement information to be executed by the local terminal satisfies a given determination criterion.

No. of Pages : 74 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2012

(21) Application No.5884/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SURFACE LIGHT SOURCE DEVICE AND ELECTRONIC DEVICE PROVIDED WITH SAME

(51) International classification :F21S2/00,G02B6/00,G02F1/13357
(31) Priority Document No :2010-090913
(32) Priority Date :09/04/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/064248
Filing Date :24/08/2010
(87) International Publication No :WO 2011/125242 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)TAKAYAMA Takeshi**
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**4)IKUTA Kazuya**
**5)ISHIMURA Ryoji**
**6)ISHIZAKA Takuya**

(57) Abstract :
A light source module (10), as a surface light source device of the present invention, includes: a plurality of light guides (21) provided such that their respective longitudinal directions are arranged along each other with a gap (22) therebetween; light sources; and a support member (31) for supporting the light guides (21) with the gap (22) of a predetermined dimension, a light-exit surface (2Id) of a thick part (21c) of the light guide (21) protruding farther in the light-exit side than a protrusion (31a) of the support member (31) protruding along the gap (22). It is possible to provide a surface light source device facilitating a high quality display, in which a light guide plate is divided into a plurality of light guides and the light guides are provided such that their respective longitudinal directions are arranged along each other, and an electronic apparatus including the surface light source device.

No. of Pages : 53 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2012

(21) Application No.6100/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND DEVICES FOR THE TREATMENT OF SKIN LESIONS

(51) International classification :A61B17/50
(31) Priority Document No :61/301,709
(32) Priority Date :04/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/050468
Filing Date :03/02/2011
(87) International Publication No :WO 2011/095941 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)LIND Zecharia**

(57) Abstract :
A tweezers device for the application of cryogenic matter directly on a skin lesion while protecting the collateral skin tissue from being damaged by the cryogenic matter the device comprising an applicator body configured with opposing tweezer arms each tweezer arm including a cryogenic matter application element such that when the opposing tweezer arms are closed about the skin lesion the skin lesion is substantially encased by the cryogenic matter application elements.

No. of Pages : 37 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2012

(21) Application No.5980/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : RADIO COMMUNICATION SYSTEM, RADIO TERMINAL, RADIO NETWORK, RADIO COMMUNICATION METHOD AND PROGRAM

| | |
|---|---|
| (51) International classification | :H04W24/10,H04M1/00,H04M11/00 |
| (31) Priority Document No | :2010-002366 |
| (32) Priority Date | :07/01/2010 |
| (33) Name of priority country | :Japan |
| (86) International Application No<br>Filing Date | :PCT/JP2011/050048<br>:05/01/2011 |
| (87) International Publication No | :WO 2011/083801 A1 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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(57) Abstract :
A wireless communication system comprises: a setting notifying means for notifying to a radio terminal setting information related to at least one of the radio terminal s collection of measurement information and the radio terminal s reporting of the measurement information to a radio network; a status notifying means for notifying to the radio network a status related to at least one of the radio terminal s collection of the measurement information and the radio terminal s reporting of the measurement information; and a re establishing means for receiving the status and determining whether to re establish the setting information.

No. of Pages : 79 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2012

(21) Application No.6092/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FUSIBLE LINK UNIT

(51) International classification :H01H85/175,H01H85/12
(31) Priority Document No :2010-003590
(32) Priority Date :12/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/050288
Filing Date :11/01/2011
(87) International Publication No :WO 2011/086995 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)MATSUMOTO Yusuke**

(57) Abstract :
A fusible link unit is provided which makes it possible to reduce the number of components, to simplify the structure, and to reduce the cost. An exposure window (32) is formed so that narrow parts (39) and fusible parts (28) can be faced from the front surface side of a fusible link unit (21). The exposure window (32) is formed so that a space is produced around the narrow parts (39) and the fusible parts (28). The exposure window (32) is formed to have a rectangular empty chamber-like shape. A wall (41) is provided at the back position of the exposure window (32). The wall (41) is a part of a resin housing (31), and is disposed at the back position of the fusible link unit (21). The wall (41) is formed with such a thickness that even if the fusible part (28) generates heat itself, melts, and reaches the side surface (26) of a battery (23), the wall (41) is not affected.

No. of Pages : 23 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2012

(21) Application No.6093/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : TMEM22 PEPTIDES AND VACCINES INCLUDING THE SAME

| | |
|---|---|
| (51) International classification | :C07K7/06,C12N5/0781,C12N5/0783 |
| (31) Priority Document No | :61/286,213 |
| (32) Priority Date | :14/12/2009 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No<br>Filing Date | :PCT/JP2010/007228<br>:13/12/2010 |
| (87) International Publication No | :WO 2011/074236 A1 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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**3)OHSAWA Ryuji**
**4)YOSHIMURA Sachiko**
**5)WATANABE Tomohisa**

(57) Abstract :
Isolated peptides composed of the amino acid sequence of SEQ ID NO: 33 or fragments thereof that bind to HLA antigens and have cytotoxic T lymphocyte (CTL) inducibility and thus are suitable for use in the context of cancer immunotherapy more particularly cancer vaccines are described herein. The present invention further provides peptides that include one two or several amino acid insertions substitutions or additions to the aforementioned peptides or fragments but yet retain the requisite cytotoxic T cell inducibility. Further provided are nucleic acids encoding any of these aforementioned peptides as well as pharmaceutical agents substances and compositions including any of the aforementioned peptides or nucleic acids. The peptides nucleic acids pharmaceutical agents substances and compositions of this invention find particular utility in the treatment of cancers and tumors.

No. of Pages : 103 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2012

(21) Application No.6094/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MARKING FILM

(51) International classification :C08J5/18,C08L33/04,B32B27/30
(31) Priority Document No :61/295,456
(32) Priority Date :15/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/020957
Filing Date :12/01/2011
(87) International Publication No :WO 2011/088096 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**2)TAKAMATSU Yorinobu**
**3)STEELMAN Ronald S.**
**4)TORIUMI Naoyuki**
**5)DANIELS Michael P.**

(57) Abstract :
The present application is directed to an acrylic polymer. Specifically a marking film comprising a film layer which comprises a polymer blend of a first (meth)acrylic polymer having a glass transition temperature of 30 degrees C to 180 degrees C and a second (meth)acrylic polymer having a glass transition temperature of over 80 degrees C less than 30 degrees C. One from the first and second (meth)acrylic polymers comprises a carboxylic group and another comprises an amide group. The marking film additionally comprises an adhesive layer.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2012

(21) Application No.554/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND APPARATUS FOR CHANNEL STATE INFORMATION FEEDBACK

(51) International classification :H04B7/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2009/000698
Filing Date :23/06/2009
(87) International Publication No :WO 2010/148535 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)LI, DONG**
**2)WU, KEYING**

(57) Abstract :
Embodiments of the present invention provide a method and apparatus for channel state information feedback. The method comprises: estimating channel state information from the mobile terminal to a serving cell and neighboring cells according to channel state information reference signals (CSI-Reference Signal) received from a plurality of coordinating cells; calculating a precoding matrix based on the estimated channel state information of the serving cell; calculating precoded channel state information respectively for the serving cell of the mobile terminal and neighboring cells in the coordinating cells according to the obtained precoding matrix; and feeding the precoded channel state information back to the serving cell of the mobile terminal. The above technical scheme can implement flexible and efficient channel status information feedback with low overhead, and enable multi-cell coordinated transmission to perform flexible and efficient precoding processing based on the feedback.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2012

(21) Application No.5888/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : INDEPENDENT RESTARTING OF THE NODES OF A PEER-TO-PEER NETWORK

(51) International classification :G06F9/445,G06F11/14,H04L29/14
(31) Priority Document No :1050002
(32) Priority Date :04/01/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2010/052470
Filing Date :22/11/2010
(87) International Publication No :WO 2011/080431 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)TOMBROFF Dimitri**
**2)GODFROID Thierry**

(57) Abstract :
The invention relates to a method for rebooting a peer to peer network (N) formed of a set of nodes (N1 N2 N3 N4 N5). Said method comprises: a step of determining a first node to be rebooted and a set of nodes known from the latter each rebooted node being implemented before rebooting; a step of selecting a subsequent node from among the known nodes; and a step of transmitting a message (M) to the known nodes said message containing an identifier of the subsequent node (selected in the previous step). Upon receipt of the message each node implements: a step of safeguarding the duplicated sessions said step involving determining the sessions (D) duplicated between said node and the node to be rebooted and moreover involving reduplication of said sessions; and a step of verifying on the basis of the message content if said node is the subsequent node and in said case considering the node in question as a node to be rebooted.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2012
(21) Application No.5994/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AUDIO DATA PROCESSING APPARATUS, AUDIO APPARATUS, AUDIO DATA PROCESSING METHOD, PROGRAM, AND RECORDING MEDIUM

(51) International classification :H04S5/02
(31) Priority Document No :2009-279793
(32) Priority Date :09/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/071490
Filing Date :01/12/2010
(87) International Publication No :WO 2011/070956 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)HATTORI, HISAO**
**3)NI, CHANBIN**

(57) Abstract :
An audio data processing apparatus and the like are provided in which waveform distortion generated when a virtual sound source moves relative to a speaker is processed by linear interpolation so that the speed of correction processing is achieved. This apparatus has: calculating means calculating first and second distances measured at two time points from the position of the speaker to the position of the virtual sound source; identifying means, when the first and the second distances are different from each other, identifying a distorted part in the audio data at the two time points; and correcting means correcting the audio data of the identified part by interpolation using a function.

No. of Pages : 64 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2012

(21) Application No.6112/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SCAN SIGNAL LINE DRIVER CIRCUIT AND DISPLAY APPARATUS HAVING SAME

(51) International classification :G09G3/36,G02F1/133,G09G3/20
(31) Priority Document No :2009-283610
(32) Priority Date :15/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/068017
Filing Date :14/10/2010
(87) International Publication No :WO 2011/074316
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)TAKAHASHI Yoshihisa**
**2)IWASE Yasuaki**

(57) Abstract :
This invention is directed to achievement of a gate driver capable of causing a scan signal to fall soon after the termination of a charge time period for each of a plurality of rows. The gate driver comprises two shift registers. An n th bistable circuit (SR(n)) in the shift registers as a whole (410) outputs as a scan signal a status signal (Q) from either one of output nodes (51 52). A first node (netA) which is connected to the gate terminals of film transistors (T1 T11) used for changing based on a first clock (CKA) the levels at the output nodes (51 52) is caused to exhibit an ON level by inputting as a set signal (S) a status signal (Q) output from a (n 2) th bistable circuit (SR(n 2)). The output nodes (51 52) are caused to exhibit an OFF level by inputting as a first reset signal (R1) a status signal (Q) output from a (n + 2) th bistable circuit (SR(n + 2)). The first node (netA) is caused to exhibit the OFF level by inputting as a second reset signal (R2) a status signal (Q) output from a (n + 3) th bistable circuit (SR(n + 3)).

No. of Pages : 86 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2012

(21) Application No.6113/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : RESONATOR THERMALLY COMPENSATED FOR AT LEAST THE FIRST AND SECOND ORDERS

(51) International classification :H03H9/02,G04B17/06,G04B17/22
(31) Priority Document No :09179323.2
(32) Priority Date :15/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/067181
Filing Date :10/11/2010
(87) International Publication No :WO 2011/072960 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**1)HESSLER Thierry**
**2)CONUS Thierry**
**3)TRMPY Kaspar**

(57) Abstract :
The invention relates to a temperature compensated resonator (1) including a body used in deformation, the core (3) of the body including a first material. According to the invention, the body includes at least a first and second coating (4, 5) allowing said resonator to have substantially zero first and second order (a, P) temperature coefficients. The invention concerns the field of time and frequency bases. Figure 9

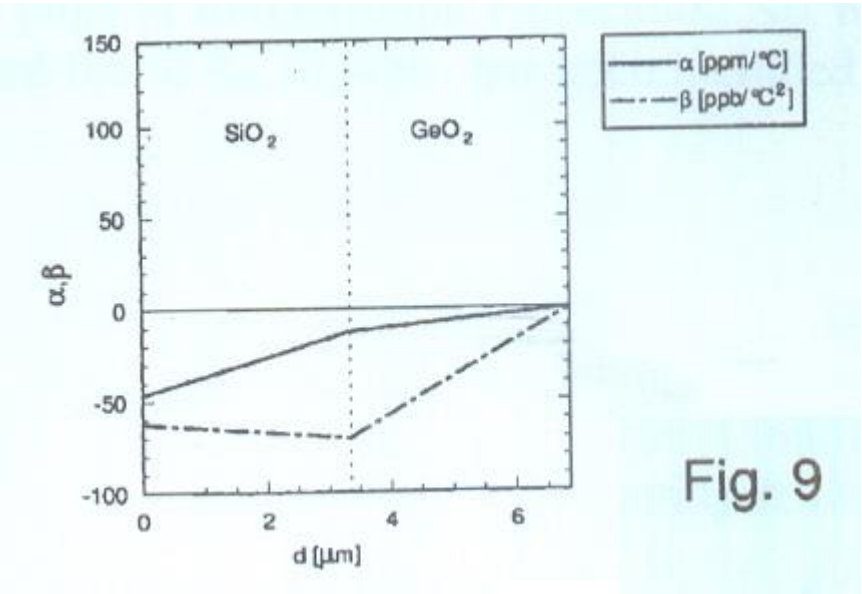



Fig. 9

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2012

(21) Application No.6116/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MULTIFUNCTIONAL ZWITTERIONIC POLYMER CONJUGATES

(51) International classification :A61K31/00
(31) Priority Document No :61/288, 127
(32) Priority Date :18/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/061358
Filing Date :20/12/2010
(87) International Publication No :WO 2011/075736
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)PERLROTH D. Victor**
**3)CLIZBE Lane A.**
**4)BENOIT Didier G.**
**5)TO Wayne**

(57) Abstract :
The present invention provides random copolymers containing zwitterions and one or more functional agents and methods of preparing such random copolymers.

No. of Pages : 177 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2012

(21) Application No.6236/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ELECTRIC VEHICLE DRIVE CONTROL APPARATUS

(51) International classification :B60L7/14,B60L3/00,B60L7/24
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2009/007005
Filing Date :18/12/2009
(87) International Publication No :WO 2011/074045
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(57) Abstract :
Provided is an electric vehicle drive control apparatus wherein fluctuation in the decelerating rate of the electric vehicle is made to be smaller and the ride thereon is improved to become more comfortable even when regeneration load is insufficient while regenerative braking is being activated. The electric vehicle drive control apparatus (1) is provided with an open/close unit (4) that opens or closes a connection with DC power; a power conversion unit (5) to which DC power is inputted to two input terminals thereof via the open/close unit which converts DC power to AC power by a switching operation and drives an AC rotating machine (13) connected to the output side thereof; and a voltage detection unit (15) that detects the voltage between the two terminals. The electric vehicle drive control apparatus (1) is also provided with a power control unit (14) that controls the power conversion unit such that the open/close unit is opened when the voltage detected by the voltage detection unit exceeds a prescribed opening voltage and the regenerative braking force of the AC rotating machine is reduced with a prescribed reduction pattern having a ramp reduction period that is longer than 0.

No. of Pages : 31 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2012

(21) Application No.6238/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : POLYURETHANE COMPOSITE SYSTEM HAVING HIGH COMPRESSIVE STRENGTH AND RIGIDITY

(51) International classification :B29C44/12,B32B5/18,C08K7/14
(31) Priority Document No :09179965.0
(32) Priority Date :18/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/069907
Filing Date :16/12/2010
(87) International Publication No :WO 2011/073325
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)BALBO BLOCK Marco**
**3)FELIX Florian**

(57) Abstract :
The present invention relates to a polyurethane composite system containing a rigid polyurethane foam and a coating agent made of a compact polyurethane or a compact polyurea the rigid polyurethane foam containing a porous three dimensional reinforcement agent which forms a network enclosing at least 50% of the volume of the rigid polyurethane foam or at least two layers of a porous at least two dimensional reinforcement agent. The invention further relates to a method for producing the polyurethane composite system and to a piece of sports equipment a cladding part or a piece of furniture containing a polyurethane composite system of this type.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2012

(21) Application No.6239/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PROCESS FOR PREPARATION OF COPPER CONTAINING MOLECULAR SIEVES WITH THE CHA STRUCTURE CATALYSTS SYSTEMS AND METHODS

(51) International classification :B01J29/76,B01J37/30,B01J37/02
(31) Priority Document No :61/287, 705
(32) Priority Date :18/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/070077
Filing Date :17/12/2010
(87) International Publication No :WO 2011/073390
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)BULL Ivor**
**4)MLLER Ulrich**
**5)MOINI Ahmad**
**6)BREEN Michael**
**7)SLAWSKI Barbara**
**8)ALERASOOL Saeed**

(57) Abstract :
Disclosed are processes for the preparation of copper containing molecular sieves with the CHA structure having a silica to alumina mole ratio greater than about 10 wherein the copper exchange step is conducted via wet state exchanged and prior to the coating step and wherein in the copper exchange step a liquid copper solution is used wherein the concentration of copper is in the range of about 0.001 to about 0.25 molar using copper acetate and/or an ammoniacal solution of copper ions as copper source. Catalysts made by the processes catalyst systems and methods of treating exhaust gas with the molecular sieves and catalysts are also disclosed.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2012

(21) Application No.6246/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : LIGHT-EMITTING DEVICE AND LIQUID CRYSTAL DISPLAY DEVICE AND IMAGE DISPLAY DEVICE THAT USE THE SAME

| | |
|---|---|
| (51) International classification | :G02F1/13,G02F1/1335,G02F1/13357 |
| (31) Priority Document No | :61/414,475 |
| (32) Priority Date | :17/11/2010 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No<br>Filing Date | :PCT/JP2011/006385<br>:16/11/2011 |
| (87) International Publication No | :WO 2012/066778 A1 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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**2)HAYASHI Katsuhiko**
**3)YOSHIKAWA Motonobu**

(57) Abstract :
The present invention pertains to an illuminating device (2) used in a liquid crystal display device (100) that alternately focuses light on a right eye (17a) position and a left eye (17b) position of a viewer (16). The illuminating device (2) is provided with a planar illuminating body (6) that focuses emitted light on prescribed focal points and a light deflector (7) that two dimensionally deflects light from the planar illuminating body (6). By switching the direction of the light that is emitted the planar illuminating body (6) can alternately switch between a first light focusing state in which the prescribed focal point is positioned at the right eye (17a) of the viewer (16) and a second light focusing state in which the prescribed focal point is positioned on the left eye (17b) of the viewer (16). The light deflector (7) is able to track the motion of the viewer (16) and adjust the prescribed focal point in the first light focusing state and the prescribed focal point in the second light focusing state.

No. of Pages : 62 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2012

(21) Application No.6247/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR PRODUCING VINYL ACETATE

(51) International classification :C07C69/15,C07C67/055,C07C67/54
(31) Priority Document No :10 2010 001 097.9
(32) Priority Date :21/01/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/050452
Filing Date :14/01/2011
(87) International Publication No :WO 2011/089070 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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**2)DAFINGER Willibald**
**3)HOLL Peter**

(57) Abstract :
The invention relates to a method for producing vinyl acetate in a heterogeneously catalyzed continuous gas phase process by reacting ethylene with acetic acid and oxygen in a reactor and separating the product gas stream substantially comprising ethylene vinyl acetate acetic acid water carbon dioxide and inert gases by a) introducing the product gas stream to a first distillation column (pre drainage column) b) cooling the gas mixture escaping on the head of the first distillation column to 20 to +50°C wherein the occurring condensate forms a water phase and an organic phase c) drawing off the water phase formed in step b) d) putting the organic phase formed in step b) wholly or partially into a collection container or on the head of the first distillation column in step a) as a return e) washing the uncondensed gas in step b) in a washing column operated with acetic acid (circulating gas washer) and drawing off an acetic acid solution comprising vinyl acetate on the sump of the washing column f) introducing the acetic acid solution comprising vinyl acetate from step e) into a second distillation column (azeotropic column) g) likewise introducing the sump product from step a) into the second distillation column f) h) cooling the overhead vapor of the second distillation column wherein a water phase and an organic phase are formed i) drawing off the aqueous phase formed in step h) j) optionally returning a portion of the organic phase formed in step h) to the head of the second distillation column f) as a return k) putting the remaining portion of the organic phase formed in step h) into the collection container cited in step d) l) introducing the liquid from the collection container cited in steps k) and d) into a third distillation column (drainage column) characterized in that m) vinyl acetate is separated from the third distillation column from step l) as a side offtake.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2012

(21) Application No.6248/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR PRODUCING PROPYLENE OXIDE

(51) International classification :C07D301/10,B01J23/50,B01J27/057
(31) Priority Document No :2009-287731
(32) Priority Date :18/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/072308
Filing Date :06/12/2010
(87) International Publication No :WO 2011/074507 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)KANO Hirotsugu**
**3)CORMA Avelino**

(57) Abstract :
The present invention relates to a method of producing propylene oxide comprising a step of reacting propylene and oxygen in the presence of a silver catalyst and water wherein the silver catalyst is a catalyst prepared from (a) metallic silver a silver compound or a mixture thereof (b) a tellurium compound and (c) a carrier.

No. of Pages : 32 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2012

(21) Application No.5796/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : BALL BEARING

(51) International classification :F16C19/16,F16C33/58
(31) Priority Document No :10 2009 056 824.7
(32) Priority Date :04/12/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/007339
Filing Date :03/12/2010
(87) International Publication No :WO 2011/066979 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)HUBERTUS, Frank**

(57) Abstract :
The invention relates to a ball bearing having a first and a second race and, disposed in the gap between the two races, at least one row of balls of radius RK that roll along facing tracks of the two races, wherein the centers of the balls of a row move on a circular path that is surrounded by a torus circumscribing all the balls of said row and having the toroidal radius R1, a toroidal angle coordinate q and a poloidal angle coordinate 0, and wherein each track has with each ball two nearly punctiform contact areas or contact points P1, P2 P3 P4 at the respective contact angle Opt, 9 Op and Opt, and wherein the cross section of the track in the region of said contact points P1.. .P4 has in each case a finite transverse radius of curvature RU.. .R, with RLV> RK, and wherein, finally, in the vicinity of a contact point P1.. .P4the transverse radius of curvature (RL) is always a continuous and differentiable function of the poloidal angle coordinate 0: RL = R1(0) that increases outward from the respective contact point P1... P4 in both poloidal directions: RL(0)>RL(0p).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2012

(21) Application No.6134/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR DETECTING A BREAKDOWN IN A SWITCHING CURRENT SOURCE AND CORRESPONDING POWER SOURCE

(51) International classification :H02M1/32,H02P29/02
(31) Priority Document No :0959099
(32) Priority Date :17/12/2009
(33) Name of priority country :France
(86) International Application No :PCT/EP2010/007649
Filing Date :16/12/2010
(87) International Publication No :WO 2011/072843 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)TRUONG Thanh Tuan**
**2)GENESTE Nicolas**
**3)ESTEVE Gwena«l**

(57) Abstract :
A method of detecting a fault of a switching electricity source (1) having a control stage (2) responsive to a setpoint signal to deliver a control signal that is modulated with a predetermined duty ratio 10 (α) to a power stage (3) that is to deliver electricity to a load (100), the method being characterized in that it comprises the steps of: determining at least one nominal value for the duty ratio for normal operation, and at least one fault threshold as a function of the nominal value; determining at least one instantaneous value (a) of the duty ratio of the signal issued by the control stage; and comparing the instantaneous value with the fault threshold. A detection circuit implementing the method.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2012

(21) Application No.6137/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : NOZZLE DEVICE AND STRAND GUIDING DEVICE HAVING SAID NOZZLE DEVICE

(51) International classification :B22D11/124,B22D11/22,B05B1/34
(31) Priority Document No :10 2009 058 198.7
(32) Priority Date :15/12/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/068458
Filing Date :30/11/2010
(87) International Publication No :WO 2011/082893 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)NAUJOCK Andreas**
**2)WEYER Axel**

(57) Abstract :
The invention relates to a nozzle device with a nozzle head for atomisation of a fluid and with a pipe duct for the feed of the fluid to the nozzle head. For economic and low-maintenance generation of a pulsation of the flowing fluid the pipe duct has in the interior thereof a plurality of cross-sectional narrowings which are arranged in distribution over the length of the pipe duct. The invention additionally relates to a strip guide device with the nozzle device. Figure 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2012

(21) Application No.6262/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PORTABLE TERMINAL DEVICE HAVING AN ENLARGED DISPLAY FUNCTION METHOD FOR CONTROLLING ENLARGED DISPLAY AND COMPUTER READ ENABLED RECORDING MEDIUM

(51) International classification :G06F3/048,H04M1/00,H04M1/725
(31) Priority Document No :2010-008669
(32) Priority Date :19/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/073623
Filing Date :27/12/2010
(87) International Publication No :WO 2011/089831 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)OHSAKI Yasunari**

(57) Abstract :
The disclosed portable terminal device is provided with: a first display unit (20A) having a first display screen (21A); a second display unit (20B) having a second display screen (21B) juxtaposed to the first display screen (21A); a display control unit that is for a frame to be enlarged and that controls the first display screen (21A) in a manner so as to display a frame to be enlarged on one of a plurality of regions within the first display screen (21A); a display control unit that is for information to be enlarged and that controls the second display screen (21B) in a manner so as to display in an enlarged manner on the second display screen (21B) information from the first display screen (21A) displayed within the frame to be enlarged; and a numeric keypad for region selection disposed corresponding to the plurality of regions of the first display screen (21A).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2012

(21) Application No.5878/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CELL BOTTOM STRUCTURE OF REDUCTION CELL

(51) International classification :C25C3/08
(31) Priority Document No :201010300091.2
(32) Priority Date :07/01/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/000027
Filing Date :06/01/2011
(87) International Publication No :WO 2011/082657 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**2)ZHENG Pu**
**3)XI Canming**
**4)CAO Bin**
**5)YANG Yi**
**6)HUANG Jun**
**7)YANG Tao**
**8)YANG Zhaohong**

(57) Abstract :
A bottom structure of an electrolytic cell is disclosed which comprises an electrolytic cell (1) and a cathode busbar (2). Columnar cathode carbon blocks (3) arranged at the bottom of the electrolytic cell (1) are perpendicular to the bottom of the electrolytic cell (1) and lower ends of the columnar cathode carbon blocks (3) are connected with the cathode busbars (2). By perpendicularly inserting the columnar cathode carbon blocks into the bottom of the electrolytic cell and by connecting the lower ends of the columnar cathode carbon blocks (3) with the cathode busbars the current led from the anode block is moved downwardly through the aluminum liquid and the columnar cathode carbon blocks thereby reducing the horizontal current. The cathode extending into the aluminum liquid can efficiently reduce the fluctuation of the aluminum liquid thereby obtaining a stable surface of the aluminum liquid reducing the distance between the anode and the cathode. A lower cell voltage thus obtained will in turn lead to an effect of reducing energy consumption.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2012

(21) Application No.5879/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CATHODE WITH REPLACEABLE ASSEMBLY FOR RETARDING FLOW IN ALUMINIUM ELECTROLYTIC CELL

(51) International classification :C25C3/08
(31) Priority Document No :201010300077.2
(32) Priority Date :07/01/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/000028
Filing Date :06/01/2011
(87) International Publication No :WO 2011/082658 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)YANG Yi**
**2)ZHENG Pu**
**3)XI Canming**

(57) Abstract :
A cathode with a replaceable assembly for retarding flow in an aluminum electrolytic cell is disclosed which comprises a cathode carbon block (1) arranged at the bottom of the aluminum electrolytic cell and a cathode assembly (2) for retarding flow arranged on the surface of the cathode carbon block. The cathode assembly (2) for retarding flow is made from a material with high temperature resistance corrosion resistance and large density such as mullite spinel or zircon. The cross section of the cathode assembly (2) for retarding flow is in the shape of semicircle arc or streamline. The height of the cathode assembly for retarding flow is in a range of 50 150 mm and the width is in a range of 100 300 mm. The cathode assembly (2) for retarding flow is in the form of long strip or block. The cathode assembly(2) for retarding flow is arranged in the longitudinal direction of the cathode in the electrolytic cell and each group has one or more cathode assemblies(2) for retarding flow. The stability of the interface between the aluminum solution and the electrolyte is properly improved in the aluminum electrolytic cell and then the polar distance is effectively reduced during normal production. A lower working voltage thus obtained in the electrolytic cell will in turn lead to an effect of saving and reducing energy consumption.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2012

(21) Application No.6008/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CABLE POSITIONING ARRANGEMENT

(51) International classification :H02G1/00,H02G3/12,H02G3/30
(31) Priority Document No :0921979.1
(32) Priority Date :16/12/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/052026
Filing Date :06/12/2010
(87) International Publication No:WO 2011/073636 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)JONES Warren Nigel**

(57) Abstract :
A cable positioning arrangement comprises a flexible member (1) such as an elastic band or cord extending between two structures (5). The flexible member is associated with a hole (11) through which a cable (3) passes thereby positioning the cable (3) relative to the structures (5).

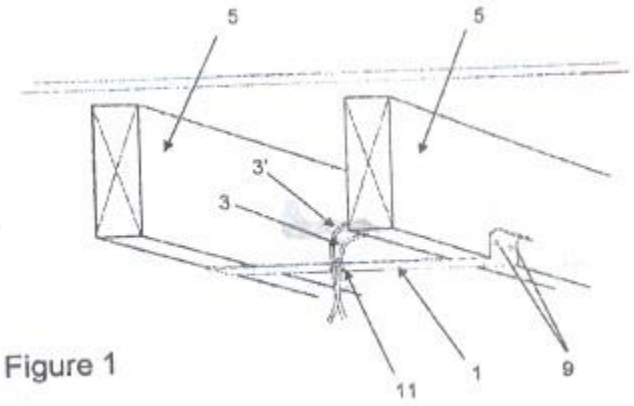


Figure 1

No. of Pages : 36 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2012

(21) Application No.6260/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : TRANSVERSELY SLOTTED DELINEATOR

(51) International classification :E01F9/04,E01F9/015,E01F9/017
(31) Priority Document No :61/288, 603
(32) Priority Date :21/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/060799
Filing Date :16/12/2010
(87) International Publication No :WO 2011/084615 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)PHILIP Blessen Korah**

(57) Abstract :
A traffic delineator comprises a tubular body having first and second ends the first end being configured as a base or being adapted for affixing to a base. The delineator may also include a slotted region to enhance flexing of the tubular body in response to vehicle impacts. The slotted region may include slot(s) formed transversely in the tubular body. In some embodiments the slot(s) may include one or more discrete slot each of which may define a hinged section of the tubular body. In some embodiments the slot(s) may include a continuous transverse slot having a helical configuration. In some cases the slotted region may be disposed proximate the first end and a second slotted region or other window region may be disposed elsewhere on the tubular body so as to expose a reflective sheet that may be applied to an inner core disposed within the tubular body.

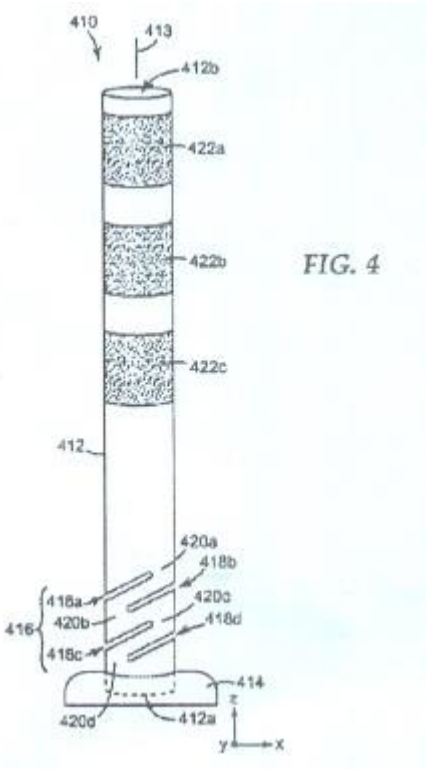



FIG. 4

No. of Pages : 30 No. of Claims : 22

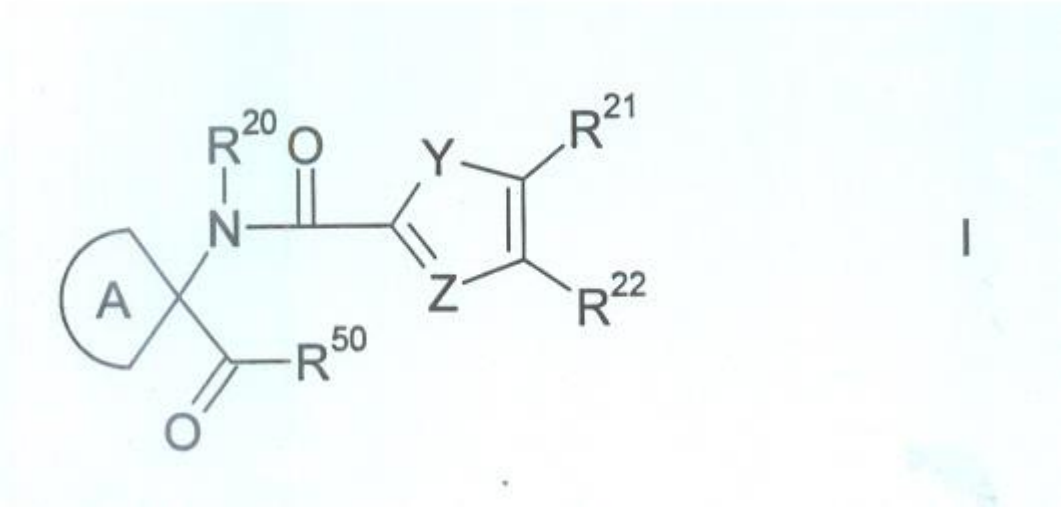
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2012
(21) Application No.3812/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ACYLAMINO-SUBSTITUTED CYCLIC CARBOXYLIC ACID DERIVATIVES AND THEIR USE AS PHARMACEUTICALS

(51) International classification :C07D213/16
(31) Priority Document No :09290831.8
(32) Priority Date :02/11/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/US2010/055035
Filing Date :02/11/2010
(87) International Publication No :WO 2011/053948 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)KLEEMANN, HEINZ-WERNER**
**3)SCHAEFER, MATTHIAS**
**4)SAFAROVA, ALENA**
**5)PATEK, MARCEL**

(57) Abstract :
The present invention relates to compounds of the formula I, wherein A, Y, Z, R20 to R22 and R50 have the meanings indicated in the claims, which are valuable pharmaceutical active compounds. Specifically, they are inhibitors of the endothelial differentiation gene receptor 2 (Edg-2, EDG2), which is activated by lysophosphatidic acid (LPA) and is also termed as LPAi receptor, and are useful for the treatment of diseases such as atherosclerosis, myocardial infarction and heart failure, for example. The invention furthermore relates to processes for the preparation of the compounds of the formula I, their use and pharmaceutical compositions comprising them.




I

No. of Pages : 286 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2012

(21) Application No.6017/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SLIDE SWITCH

(51) International classification :H01H15/04
(31) Priority Document No :2009294210
(32) Priority Date :25/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/073253
Filing Date :22/12/2010
(87) International Publication No :WO 2011/078297 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)YAZAKI CORPORATION**
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**1)KAWANO Wakana**

(57) Abstract :
Provided is a slide switch wherein the installation space can be reduced and the size and the weight of the switch can be reduced by reducing the size of components. Electric wire connection terminals (24 25 26) each of which is provided with an electric wire connection portion (41) which is pressure welded to an electric wire aligned and contained in an electric wire arrangement portion (22) of a switch case (23) and a stationary contact portion (43) which is integrally formed with the electric wire connection portion (41) are secured to the electric wire arrangement portion (22) in the manner that each stationary contact portion (43) covers an electric wire contained in the electric wire arrangement portion (22). A slider (27) supported by the switch case (23) so as to slide in the direction that the stationary contact portions (43) are arranged is disposed on the electric wire arrangement portion (22) so that a movable contact piece (28) on the slider (27) is overlapped with the stationary contact portions (43).

No. of Pages : 43 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2012

(21) Application No.6018/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : GAS ANALYSIS DEVICE

(51) International classification :G01N1/00,G01N21/27,G01N21/76
(31) Priority Document No :2009-295887
(32) Priority Date :25/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/071865
Filing Date :07/12/2010
(87) International Publication No :WO 2011/077938 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)MIYAI Masaru**
**2)NISHIKAWA Masahiro**

(57) Abstract :
Disclosed is a gas analysis device capable of performing calibration without being influenced by the degradation of a span gas in a span gas supply line said gas analysis device being provided with an open/close mechanism control unit (61) which accepts a calibration start signal indicating the start of zero calibration and span calibration and controls an open/close mechanism (31) in a span gas flow path (3) and an open/close mechanism (21) in a zero gas flow path (2). The open/close mechanism control unit (61) controls the open/close mechanism (31) in the span gas flow path (3) so that the open/close mechanism (31) in the span gas flow path (3) is opened for a predetermined time before the start of the span calibration when accepting a new calibration start signal after a predetermined time has elapsed since the last calibration thereby discharging the span gas remaining in the span gas flow path (3).

No. of Pages : 20 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2012

(21) Application No.6139/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HETEROCYCLIC CARBOXYLIC ACID DERIVATIVES HAVING A 2 5 7 SUBSTITUTED OXAZOLOPYRIMIDINE RING

| | |
|---|---|
| (51) International classification | :C07D498/04,A61K31/519,A61K9/00 |
| (31) Priority Document No | :10305037.3 |
| (32) Priority Date | :13/01/2010 |
| (33) Name of priority country | :EPO |
| (86) International Application No<br>Filing Date | :PCT/EP2011/050299<br>:12/01/2011 |
| (87) International Publication No | :WO 2011/086078 A1 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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**2)SCHAEFER Matthias**
**3)HACHTEL Stephanie**
**4)DIETRICH Axel**
**5)HUEBSCHLE Thomas**
**6)GILLE Andreas**
**7)HISS Katrin**

(57) Abstract :
The invention relates to oxazolopyrimidine compounds of formula (I), where A, R , R2 R3, R4 X and Yare defined as stated in the claims. The compounds of formula I are suitable, for example, for wound healing.

No. of Pages : 82 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2012

(21) Application No.6275/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : NON AQUEOUS ELECTROLYTIC SOLUTION ELECTROCHEMICAL ELEMENT USING SAME AND ALKYNYL COMPOUND USED THEREFOR

| | |
|---|---|
| (51) International classification | :H01M10/0567,H01M6/16,H01M10/052 |
| (31) Priority Document No | :2010-022461 |
| (32) Priority Date | :03/02/2010 |
| (33) Name of priority country | :Japan |
| (86) International Application No<br>Filing Date | :PCT/JP2011/052177<br>:02/02/2011 |
| (87) International Publication No | :WO 2011/096450 A1 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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**2)MIYOSHI Kazuhiro**
**3)KONDO Masahide**

(57) Abstract :
Provided are a non aqueous electrolytic solution an electrochemical element using same and an alkynyl compound used therefor that have excellent characteristics and that can improve low temperature and high temperature cycle characteristics as well as load characteristics after charging and storage at high temperatures. The disclosed non aqueous electrolytic solution is characterized in that the non aqueous electrolytic solution contains 0.01 10% by mass of at least one alkynyl compound represented by general formula (I). (In the formula X represents a C(=O) group a C(=O) C(=O) group an S(=O) group a P(=O)( R) group or an X S(=O)O group; R represents an alkenyl group a formyl group an alkyl group an acyl group an arylcarbonyl group an alkane sulfonyl group an alkynyloxysulfonyl group an arylsulfonyl group a dialkylphosphoryl group an alkyl(alkoxy)phosphoryl group or a dialkoxyphosphoryl group; R represents an alkynyl group or an alkynyloxy group; R represents an alkyl group an alkenyl group an alkynyl group an aryl group an alkoxy group an alkenyloxy group an alkynyloxy group or an aryloxy group; and n represents 0 or 1.

No. of Pages : 105 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2012

(21) Application No.5976/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COMPOSITION FOR PROMOTING DIFFERENTIATION OF PLURIPOTENT STEM CELLS INTO CARDIAC MUSCLE CELLS WHICH

(51) International classification :C12N
(31) Priority Document No :2009-279512
(32) Priority Date :09/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/072148
Filing Date :09/12/2010
(87) International Publication No :WO 2011/071118 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)NAKATSUJI, NORIO**
**2)UESUGI, MOTONARI**
**3)MINAMI, ITSUNARI**
**4)OTSUJI, TOMOMI**

(57) Abstract :
ABSTRACT The present invention provides a composition for promoting differentiation of pluripotent stem cells into cardiac muscle cells which comprises nitrovin, a method for inducing differentiation of pluripotent stem cells into cardiac muscle cells by using nitrovin and a method for preparing cardiac muscle cells by using nitrovin.

No. of Pages : 26 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2012

(21) Application No.6089/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PROCESS FOR THE PREPARATION OF KEY INTERMEDIATES FOR THE SYNTHESIS OF ROSUVASTATIN OR PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF

| | |
|---|---|
| (51) International classification | :C07D239/42,C07F7/18,C07D405/06 |
| (31) Priority Document No | :09179416.4 |
| (32) Priority Date | :16/12/2009 |
| (33) Name of priority country | :EPO |
| (86) International Application No<br>Filing Date | :PCT/EP2010/069706<br>:15/12/2010 |
| (87) International Publication No | :WO 2011/073232 A1 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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(72)**Name of Inventor :**
**1)ANDRENSEK Samo**
**2)ANZEL Jolanda**
**3)HOCEVAR Marjeta**
**4)CASAR Zdenko**

(57) Abstract :
The present invention relates in general to the field of organic chemistry and in particular to a process for the preparation of 5 ((E) 2 ((2S 4R) 4 hydroxy 6 oxotetrahydro 2H pyran 2 yl)vinyl) 4 (4 fluorophenyl) 6 isopropyl 2 (N methylmethanesulfonylamino)pyrimidine (RSVL) as well as a process for preparing crystalline 5 ((E) 2 ((2S 4R) 4 (tert butyldimethylsilyloxy) 6 oxotetrahydro 2H pyran 2 yl)vinyl) 4 (4 fluorophenyl) 6 isopropyl 2 (N methylmethanesulfonylamino)pyrimidine (RSVLTBS) useful as key intermediates for the preparation of rosuvastatin or pharmaceutically acceptable salts thereof.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2012

(21) Application No.6090/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SPANDEX WITH HIGH UNIFORMITY

(51) International classification :D01F6/70,D01D5/00,D04B1/18
(31) Priority Document No :61/294,935
(32) Priority Date :14/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/020216
Filing Date :05/01/2011
(87) International Publication No :WO 2011/087943 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)PARDINI Steven P.**

(57) Abstract :
Disclosed herein are a highly uniform spandex and process for making such spandex. More particularly the polyurethaneurea of which such spandex is prepared has both dialkylurea and cycloalkylurea ends wherein a chain terminator composition includes a dialkylamine such as diethylamine and a cylcoalkylamine such as cyclohexylamine.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2012

(21) Application No.6091/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR PRODUCTION OF AROMATIC CARBOXYLIC ACIDS

| | |
|---|---|
| (51) International classification | :C07C51/265,C07C63/26,C07B41/08 |
| (31) Priority Document No | :61/286,957 |
| (32) Priority Date | :16/12/2009 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No<br>Filing Date | :PCT/US2010/060488<br>:15/12/2010 |
| (87) International Publication No | :WO 2011/084472 A3 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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**1)LIMBACH Anthony Peter John**
**2)OBRIEN Robert John**
**3)TURNER John Arthur**

(57) Abstract :
This invention relates to systems and methods to recover heat and scrub the off gas from oxidation reactors in a process to produce aromatic carboxylic acids such as terephthalic acid.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2012

(21) Application No.6210/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DRINKING STRAW WITH HOLLOW FIBRE LIQUID FILTER

(51) International classification :A47G21/18,B01D63/02,C02F1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/DK2009/050344
Filing Date :18/12/2009
(87) International Publication No :WO 2011/072677
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)VESTERGAARD FRANDSEN Mikkel**
**2)FRAUCHIGER Daniel**
**3)BOTTEMA Roelie**

(57) Abstract :
A liquid filtration method and device for example a drinking straw with a mouthpiece and a bundle of hollow fibres. The open ends of the fibres are embedded in a base and provided in a compartment between the base and a liquid outlet. Water or other liquid flows into the inner volume of the hollow fibres and from there through their filtering membrane walls and into the compartment before the liquid flows out through the liquid outlet for example the mouthpiece.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2012

(21) Application No.6349/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PROCESS FOR PREPARING ETHYLBENZENE

(51) International classification :C07C2/86
(31) Priority Document No :MI2009A 002289
(32) Priority Date :23/12/2009
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2010/003372
Filing Date :23/12/2010
(87) International Publication No :WO 2011/077240 A8
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Piazza Boldrini 1 I 20097 San Donato Milanese (MI) Italy
(72)**Name of Inventor :**
**1)MANTEGAZZA Maria Angela**
**2)BORDES Fabrizio**
**3)BUZZONI Roberto**

(57) Abstract :
The invention relates to a process for the production of ethylbenzene which comprises: a reaction step in which benzene is reacted with ethanol or a mixture of ethanol and ethylene at a pressure higher than atmospheric pressure preferably in gaseous phase or in mixed gas liquid phase in the presence of a catalytic system containing a zeolite belonging to the BEA family and a separation step of the product obtained. According to a preferred aspect ethanol deriving from biomasses is used in particular ethanol obtained from the fermentation of sugars deriving from biomasses.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2012

(21) Application No.6352/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : BURSITIS TREATMENT DEVICE AND METHOD

(51) International classification :A61M1/00,A61M25/10
(31) Priority Document No :10000758.2
(32) Priority Date :26/01/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/000317
Filing Date :26/01/2011
(87) International Publication No :WO 2011/091990
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)VAN DEN BOSSCHE Johan Lionel**
**2)MULIER Stefaan Michiel Maria**
**3)MULIER Kristoffel Pieter Maria**
**4)MULIER Michiel Willem Jozef**

(57) Abstract :
A bursitis treatment device (100; 200) for treatment of inflammation of a bursa (150; 502) in a patients joint comprises: a rinsing aid; a reservoir (101; 201) for holding the rinsing aid in fluid freezing fluid or gaseous state; a supply line (103; 204 208) for transporting the rinsing aid; a heat exchanger (104; 203) for controlling the temperature of the rinsing aid such that the temperature of the rinsing aid enables to destroy cells causing the inflammation; an access device (209) for injecting the rinsing aid into the bursa (150; 205); and a drain (105; 210) for removing the rinsing aid from the bursa (150; 205) for elimination.

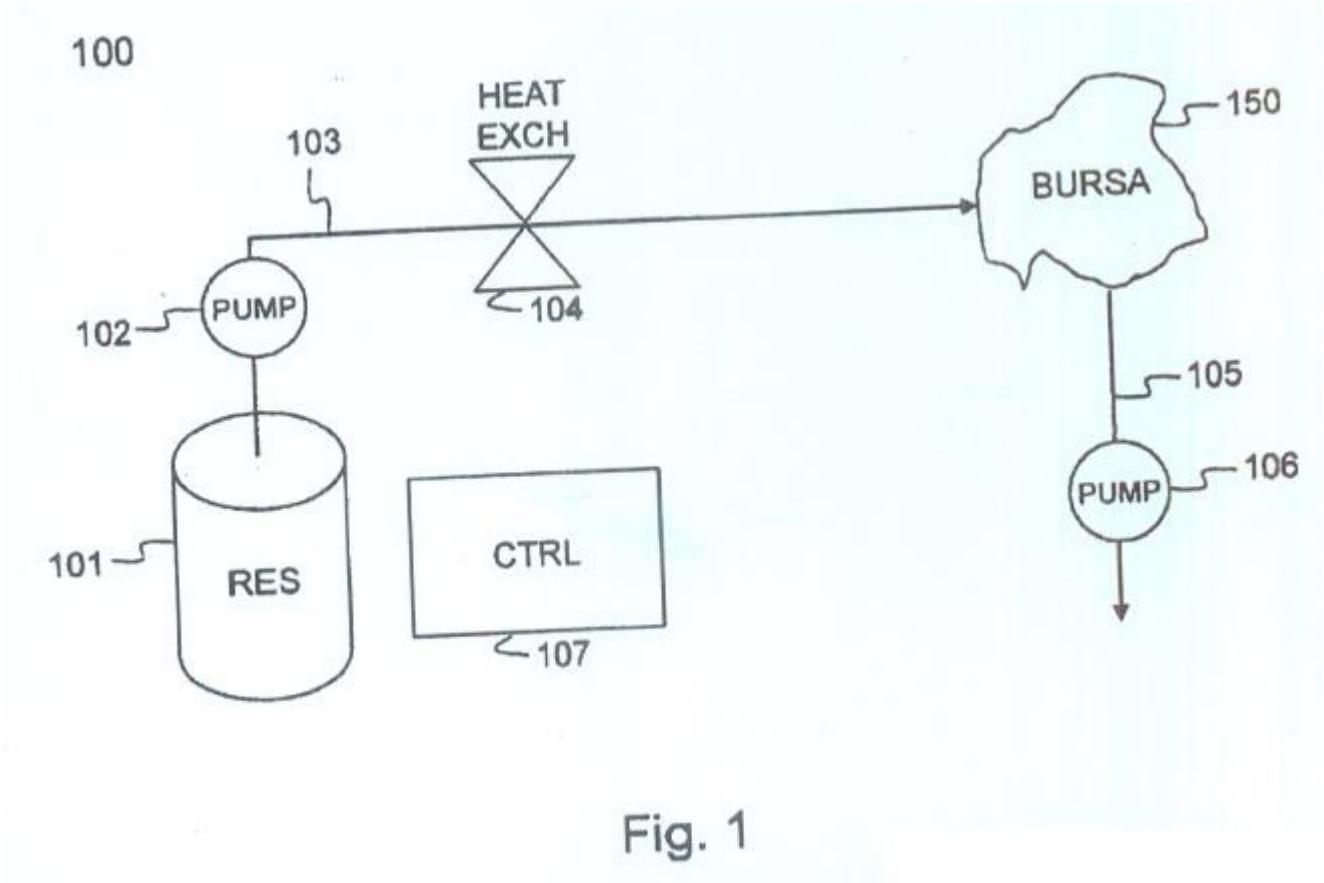



Fig. 1

No. of Pages : 34 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2012

(21) Application No.6353/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PHOTOELECTRIC TRANSDUCER

(51) International classification :H01L31/04
(31) Priority Document No :2010-002350
(32) Priority Date :07/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/073214
Filing Date :22/12/2010
(87) International Publication No :WO 2011/083694
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)YASHIRO Yuhji**
**3)TSUDA Yuhsuke**
**4)NODA Susumu**
**5)FUJITA Masayuki**
**6)TANAKA Yoshinori**

(57) Abstract :
Disclosed is a photoelectric transducer (1) provided with a photoelectric conversion layer (2) and a photonic crystal formed in the photoelectric conversion layer (2) so that the photonic crystal has a photonic bandgap wherein the photonic crystal includes nanorods (30) having a lower refractive index than the medium of the photoelectric conversion layer (2) and arranged in the photoelectric conversion layer (2) at intervals wherein a defect (31) is formed in the photonic crystal so that a defect level is formed in the photonic bandgap wherein the nanorods (30) are two dimensionally arranged with a pitch of /7 or more and /2 or less where is the resonance peak wavelength corresponding to the defect level and wherein a coefficient indicating the coupling strength between the photonic crystal and the surroundings thereof is approximately equal to the optical absorption coefficient a of the photoelectric conversion layer (2).

No. of Pages : 75 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2012

(21) Application No.6354/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : NOVEL INTERMEDIATE MATERIALS PRODUCED BY MEANS OF INTERTWINING BY INTERLACING VOILE YARNS

(51) International classification :B29C70/16,B29C70/22,D03D15/00
(31) Priority Document No :0959428
(32) Priority Date :22/12/2009
(33) Name of priority country :France
(86) International Application No :PCT/FR2010/052779
Filing Date :17/12/2010
(87) International Publication No :WO 2011/086266 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)BERAUD Jean Marc**
**2)MINNI Jean Christophe**

(57) Abstract :
The present invention relates to an intermediate material comprising a set of bands intertwined by interlacing said material being characterized in that at least some of the bands and preferably all of the bands which are so called voile bands consist of a series of reinforcing threads or filaments that extend in a parallel direction for the length of the band so as to form a one way sheet that is combined on each surface thereof with a thermoplastic fiber nonwoven said two nonwovens ensuring the cohesion of said voile band due to the thermoplastic character thereof. The invention also relates to a manufacturing method that implements such material for creating composite parts and moreover relates to the resulting composite parts.

No. of Pages : 44 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2012

(21) Application No.6355/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CONTROL OF THE CONVERTER PROCESS BY MEANS OF EXHAUST GAS SIGNALS

(51) International classification :C21C5/30,C21C5/46,F27D19/00
(31) Priority Document No :10 2009 060 258.5
(32) Priority Date :23/12/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/069599
Filing Date :14/12/2010
(87) International Publication No :WO 2011/076615 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)REICHEL Johann**

(57) Abstract :
Modern steel production processes require precise knowledge of the current composition and temperature of the liquid metal being processed. In particular during steel production in a converter high match rates for final carbon content and bath temperature are required. Quantitatively precise blowing of oxygen corresponding to the final target carbon content and the metal temperature are decisive factors affecting the economic efficiency of the process and the quality of the steel produced. In order to allow relatively precise process monitoring various processes and procedures are known the application thereof being based on measuring exhaust gas composition and on mass flow balances. All models work at an exactness that depends on the precision of the input data particularly with respect to the weight data of the raw materials and the chemical properties of the metal used. In order to allow control of the converter process for producing steel independently of the predefined process model in particular when blowing oxygen the invention proposes that detected values for the critical decoking point (t ) and for the end of O blowing (t ) are obtained by means of a submodel operating as a process monitor based on the exhaust gas analysis and independent of the process model by sensibly combining the constituent signals obtained by means of which values the oxygen content predicted by the process model is corrected at the start of the process and matched to the actual conditions near the end of the decoking period.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2012

(21) Application No.5046/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CHILD-RESISTANT CLOSURE SHELL, CLOSURE, AND PACKAGE

(51) International classification :B65D50/00
(31) Priority Document No :-
(32) Priority Date :01/02/2012
(33) Name of priority country :Argentina
(86) International Application No :PCT/US2010/058899
Filing Date :03/12/2010
(87) International Publication No :WO 2011/071771 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)Rexam Healthcare Packaging Inc.**
Address of Applicant :1899 N.Wilkinson Way, Perryburg, Ohio 43551 U.S.A.
(72)**Name of Inventor :**
**1)BROZELL ,Brian John**

(57) Abstract :
CHILD-RESISTANT CLOSURE SHELL, CLOSURE, AND PACKAGE A plastic shell (42 or 44) for a two-piece push-and-turn child-resistant closure includes a peripheral skirt (48 or 76), and a base wall (46 or 74) from which the peripheral skirt depends. The base wall has a peripheral portion (50 or 80) having a first thickness, a plurality of lugs (58 or 84) disposed at least in part on the peripheral portion adjacent to the peripheral skirt, and a central portion (52 or 81) having a second thickness less than the first thickness. A plurality of ribs (66 or 84) having a third thickness greater than the second thickness and substantially equal to the first thickness extend from the first peripheral portion toward a center of the base wall.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2012

(21) Application No.5049/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PATIENT-SPECIFIC GUIDE FOR ACETABULAR CUP PLACEMENT

(51) International classification :A61B19/00
(31) Priority Document No :61/262,073
(32) Priority Date :17/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2010/001828
Filing Date :17/11/2010
(87) International Publication No :WO 2011/060536 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)RUDAN John F.**

(57) Abstract :
Abstract: Provided is a preoperatively designed guidance tool for intraoperative use during acetab¼lar cup replacement surgery comprising: a patient-specific template having at least one surface that registers with a selected surface of the patient™s acetabulum; and a guide portion that provides an orientation or a position and orientation of an acetab¼lar cup according to a preoperatively planned orientation or position and orientation. The guidance tool may further comprise a verification tool that cooperates with the guide portion and includes at least one mating surface that registers with a selected surface of the patient™s anatomy wherein correct positioning of the verification tool on the patient™s anatomy confirms correct orientation of the patient-specific template in the patient™s acetabulum. Also described herein are methods of acetab¼lum cup replacement surgery and methods for transferring a preoperatively planned orientation or position and orientation of an acetabular cup to a patient during acetabulum cup replacement surgery.

No. of Pages : 37 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2012

(21) Application No.6465/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : IMAGE GENERATION DEVICE IMAGE GENERATION METHOD IMAGE GENERATION PROGRAM AND RECORDING MEDIUM

(51) International classification :G06T3/00,G06Q50/00,G06T1/00
(31) Priority Document No :2009-295750
(32) Priority Date :25/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/073581
Filing Date :27/12/2010
(87) International Publication No :WO 2011/078379
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)MASUKO Soh**

(57) Abstract :
Disclosed is an image generation device which generates a mosaic image suitable for viewing by a user even before sufficient images for completing the mosaic image have been acquired. Image regions at which images are drawn are specified on a per segmented region unit basis in each of a plurality of layers that are respectively divided into a plurality of segmented regions. Acquired images are allocated to segmented regions within the image regions of any of the layers on the basis of color information of the acquired images and color information of the respective segmented regions within the specified image region. Images allocated within image regions of two or more layers from among the plurality of layers are overlapped between layers and a mosaic image is generated said two or more layers being layers at which images are allocated to at least one of either the segmented regions or the segmented regions of other layers at display locations that overlap the aforementioned segmented regions for all of the segmented regions within the image regions of each respective layer.

No. of Pages : 136 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2012

(21) Application No.6467/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND APPARATUS FOR INTERCONNECT LAYOUT IN AN INTEGRATED CIRCUIT

(51) International classification :G06F17/50,H01L23/556
(31) Priority Document No :12/696743
(32) Priority Date :29/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/061473
Filing Date :21/12/2010
(87) International Publication No :WO 2011/093961 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)HART Michael J.**

(57) Abstract :
An embodiment relates to a method (for example a computer implemented method) of designing an integrated circuit (IC). In this embodiment layout data (400) describing conductive layers (404-1,404 - 2, 404 -3, 404 - 4, 404 -5) of the integrated circuit on a substrate (402) is generated according to design specification data for the integrated circuit. The conductive layers include a topmost layer of bond pads (406). Metal structures (408) in the layout data are modified to maximize metal density in a superimposed plane of the conductive layers (404 -1, 404 -2, 404 -3, 404 -4, 404 -5) within a threshold volume under each of the bond pads (406). A description of the layout data (400) is generated on one or more masks for manufacturing the integrated circuit. By maximizing metal density in the superimposed plane vertical channels through the dielectric material (412) in the interconnect are reduced or eliminated. Thus alpha particles cannot readily penetrate the interconnect and reach the underlying substrate (402) reducing soft errors such as single event upsets in memory cells.

No. of Pages : 20 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2012

(21) Application No.5969/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : THERMAL MANAGEMENT OF AN ELECTROCHEMICAL CELL BY A COMBINATION OF HEAT TRANSFER FLUID AND PHASE CHANGE MATERIAL

(51) International classification :H01M10/50
(31) Priority Document No :61/293,229
(32) Priority Date :08/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/061213
Filing Date :20/12/2010
(87) International Publication No :WO 2011/084728 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)SOUKHOJAK Andrey Nestorovich**
**2)SEHANOBISH Kalyan**

(57) Abstract :
The invention is directed at devices systems and processes for managing the temperature of an electrochemical cali including a device (10) comprising an inlet for receiving a heat transfer fluid; one or more electrochemical cell compartments (12) for receiving one or more electrochemical calls (20); one or more thermal energy storage material compartments (14) containing one or more thermal energy storage materials (18); and one or more heat transfer fluid compartments (16) for flowing the heat transfer fluid through the device; wherein the space between the one or more heat transfer fluid compartments (16) and the one or more electrochemical cell compartments (12) preferably includes one or more first regions (22) (i.e. portion) that are substantially free of the thermal energy storage materia! (18): and the space between the one or more heat transfer fluid compartments (18) and the one or more thermal energy storage material compartments (14) preferably includes one or more second regions (24) (i.e. portion) that are substantially free of an electrochemical ceil (20); so that the heat transfer fluid compartment (16) is in direct thermal communication with both the thermal energy storage material compartment (14) and the electrochemical cell compartment (12).

No. of Pages : 55 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2012

(21) Application No.6323/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SOLAR CELL MODULE MOUNT SOLAR CELL MODULE FIXING MEMBER PHOTOVOLTAIC POWER GENERATION SYSTEM USING PHOTOVOLTAIC POWER GENERATION SYSTEM MOUNT

(51) International classification :H01L31/048,E04D13/18,H01R4/26
(31) Priority Document No :2009-292305
(32) Priority Date :24/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/073139
Filing Date :22/12/2010
(87) International Publication No :WO 2011/078227
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)SAGAYAMA Kenichi**

(57) Abstract :
A photovoltaic power generation system mount for mounting solar cell modules (17) is provided with a first fixing bracket (43) mounted on frame members (19) of the aforementioned solar cell modules (17) cross rails under the frame members (19) of the aforementioned solar cell modules (17) and a bolt (45) which fixes the aforementioned first fixing bracket (43) and the aforementioned cross beams such that the aforementioned first fixing bracket (43) and the cross beams hold the frame members (19) of the aforementioned solar cell modules (17). The aforementioned first fixing bracket (43) has a contact portion which contacts a frame member (19) of the aforementioned solar cell module (17) and the aforementioned contact portion of the aforementioned first fixing bracket (43) has an annular ridge (43e) protruding towards the frame member (19) of the aforementioned solar cell module (17).

No. of Pages : 88 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2012

(21) Application No.6326/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DRIVE BELT AND TRANSVERSE ELEMENT FOR A DRIVE BELT

(51) International classification :F16G5/16
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2009/009244
Filing Date :23/12/2009
(87) International Publication No :WO 2011/076235
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)ROMPEN Guillaume Gerard Hubertus**

(57) Abstract :
Drive belt (3) provided with a band set (31) and with a number of transverse elements (32) each transverse element (32) being provided with a cut out (33) for accommodating the band set (31) with a base part (34) in height direction extending below the cut out (33) with a head part (36) in height direction extending above the cut out (33) and with a neck part (35) connecting the base part (34) to the head part (36) the cut out (33) being delimited in part by a saddle surface (42) of the base part (34). The saddle surface (42) is provided with at least one groove (50) between two higher lying parts (p1; p2; p3) of the saddle surface (42).

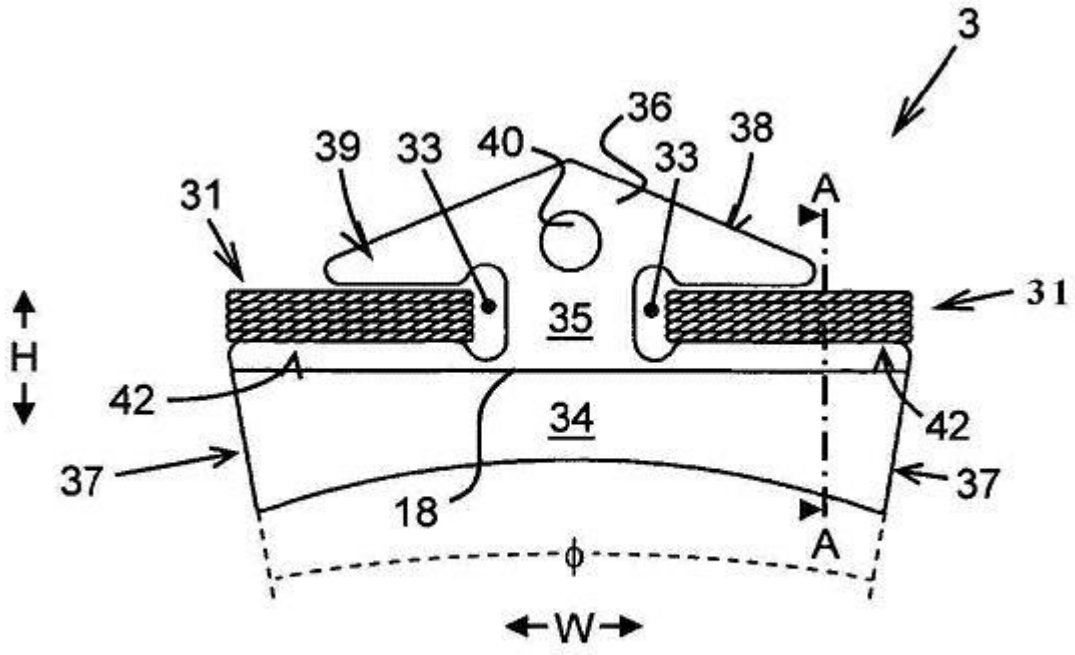



FIG. 2

No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2012

(21) Application No.6464/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : APPARATUS AND METHOD FOR REPAIRING DAMAGED PIPES

(51) International classification :F16L53/00,F16L55/168,F16L55/18
(31) Priority Document No :61/299,509
(32) Priority Date :29/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/021787
Filing Date :20/01/2011
(87) International Publication No :WO 2011/094107 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**2)PEREZ Mario A.**

(57) Abstract :
An induction heating device for heating the surface of a pipe or pipeline comprises an induction heating head (100) having a main body (110) and a handle portion (130) extending therefrom. The main body is configured to be removably secured to the surface of the pipe or pipeline and includes a first magnet (121) disposed in a first end (111) and a second magnet (122) disposed in a second end (112). The main body further includes an induction heating portion (150) disposed in a central portion (113) of the main body between the first and second magnets (121 122). The handle portion includes a grip area extended from the main body.

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

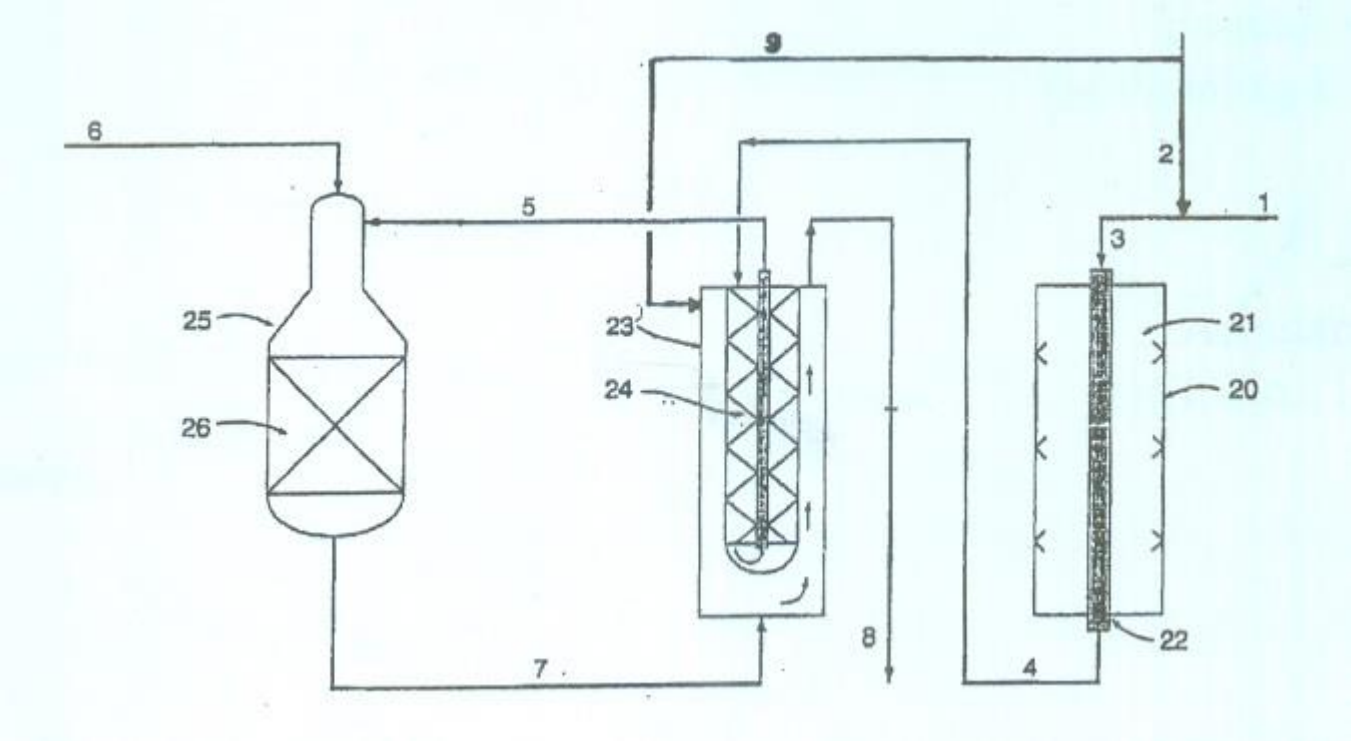
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2012
(21) Application No.6242/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PROCESS FOR REFORMING HYDROCARBONS

(51) International classification :C01B3/38,B01J8/06
(31) Priority Document No :PA 2010 00039
(32) Priority Date :19/01/2010
(33) Name of priority country :Denmark
(86) International Application No :PCT/EP2011/000178
Filing Date :18/01/2011
(87) International Publication No :WO 2011/088981 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)HAN Pat A.**
**2)JAKOBSSON Niklas Bengt**
**3)HANSEN Anders Helbo**

(57) Abstract :
The invention relates to a process for the production of synthesis gas from a hydrocarbon feedstock wherein the entire hydrocarbon feed is passed through a radiant furnace heat exchanger reformer and autothermal reformer in a series arrangement in which effluent gas from the autothermal reformer is used as heat source for the reforming reactions occurring in the heat exchange reformer and wherein a cooling medium is added to the heat exchange reformer.




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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2012

(21) Application No.6243/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SUPERHARD CUTTING INSERT FOR EARTH BORING TOOL

(51) International classification :E21B10/567,E21B10/633
(31) Priority Document No :1000866.2
(32) Priority Date :20/01/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2011/050632
Filing Date :18/01/2011
(87) International Publication No :WO 2011/089125 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)DOLAN Gerard**
**2)MOROZOV Konstantin Evgenievic**
**3)LIVERSAGE John Hewitt**
**4)GOUDEMOND Iain Patrick**

(57) Abstract :
A superhard insert for a rotary earth borer tool comprises a cutter end having a peripheral cutter edge at least part of the peripheral cutter edge being defined by a plurality of edges of a plurality of alternate hard and superhard regions. The edges of the superhard regions are arranged spaced apart from each other and are separated by edges of hard regions. The hardness of each hard region is at most 50% of the hardness of each superhard region.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2012

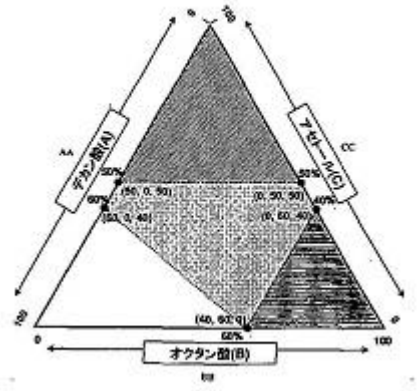
(21) Application No.6379/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FLAVOR IMPROVING MATERIALS

(51) International classification :A23L1/22
(31) Priority Document No :2009289510
(32) Priority Date :21/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/073488
Filing Date :17/12/2010
(87) International Publication No :WO 2011/078376
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)OSANAI Hiroki**
**2)TAKAKURA Yukiko**

(57) Abstract :
Disclosed is a method for imparting an aroma and/or a flavor to a food. Specifically disclosed is a composition for imparting an aroma and/or a flavor which contains one of (i) decanoic acid (ii) octanoic acid or (iii) one or more substances selected from among acetol furfural methyltetrahydrofuranone and 2 acetyl 5 methylfuran. When the blending amount of (i) decanoic acid is represented by A (parts by weight) the blending amount of (ii) octanoic acid is represented by B (parts by weight) the total blending amount of (iii) acetol furfural methyltetrahydrofuranone and 2 acetyl 5 methylfuran is represented by C (parts by weight) and A + B + C is taken as 100 the components (i) (ii) and (iii) are blended so as to satisfy 0 = A = 60 0 = B = 100 0 = C = 100 and 3A + B = 180.




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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2012
(21) Application No.6380/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF ISOPRENOL FROM MEVALONATE EMPLOYING A DIPHOSPHOMEVALONATE DECARBOXYLASE

(51) International classification :C12P5/02,C12P7/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2009/067784
Filing Date :22/12/2009
(87) International Publication No :WO 2011/076261 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)SCIENTIST OF FORTUNE S.A.**
(72)**Name of Inventor :**
**1)MARLIERE Philippe**
**2)ANISSIMOVA Maria**
**3)CHAYOT Romain**
**4)DELCOURT Marc**

(57) Abstract :
Described is a method for the enzymatic production of isoprenol using mevalonate as a substrate and enzymatically converting it by a decarboxylation step into isoprenol as well as the use of an enzyme which is capable of catalyzing the decarboxylation of mevalonate for the production of isoprenol from mevalonate. Furthermore described is the use of mevalonate as a starting material for the production of isoprenol in an enzymatically catalysed reaction. Also disclosed is a method for the production of isoprene comprising the method for the production of isoprenol using mevalonate as a substrate and enzymatically converting it by a decarboxylation step into isoprenol and further comprising the step of converting the produced isoprenol into isoprene as well as a method for the production of isoamyl alcohol comprising the method for the production of isoprenol using mevalonate as a substrate and enzymatically converting it by a decarboxylation step into isoprenol and further comprising the step of converting the produced isoprenol into isoamyl alcohol.

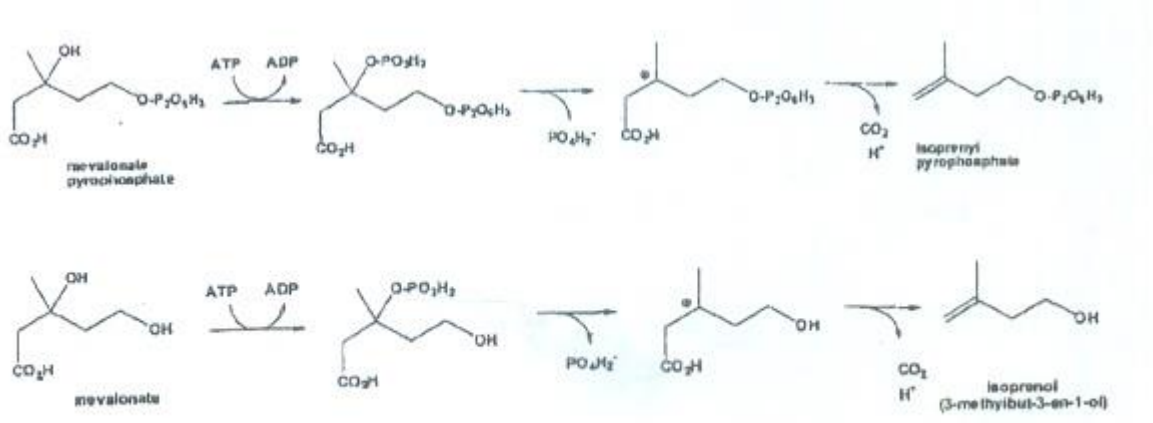



Figure 2

No. of Pages : 61 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2012

(21) Application No.6516/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ELECTRODE ARRANGEMENTS FOR BIOSENSORS

(51) International classification :G01N33/487,G01N27/30,C12Q1/00
(31) Priority Document No :12/696,316
(32) Priority Date :29/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/000353
Filing Date :27/01/2011
(87) International Publication No :WO 2011/092010 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)GROLL Henning**
**3)BUCK Harvey**
**4)DIEBOLD Eric R.**
**5)JOSEPH Abner**
**6)RIGGLES Randy**

(57) Abstract :
The present invention relates to a biosensor. The biosensor includes a support substrate electrodes positioned on the support substrate a spacer substrate positioned on the support substrate and a cover positioned on the spacer substrate. The cover cooperates with the support substrate to define a capillary channel. The electrodes include at least one working electrode defining a working electrode area in the capillary channel. The working electrode is configured to minimize variation in the working electrode area in the capillary channel due to variations in the spacer substrate placement relative to the working electrode. The working electrode comprising a main body portion and at least one connecting portion.

No. of Pages : 36 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2012

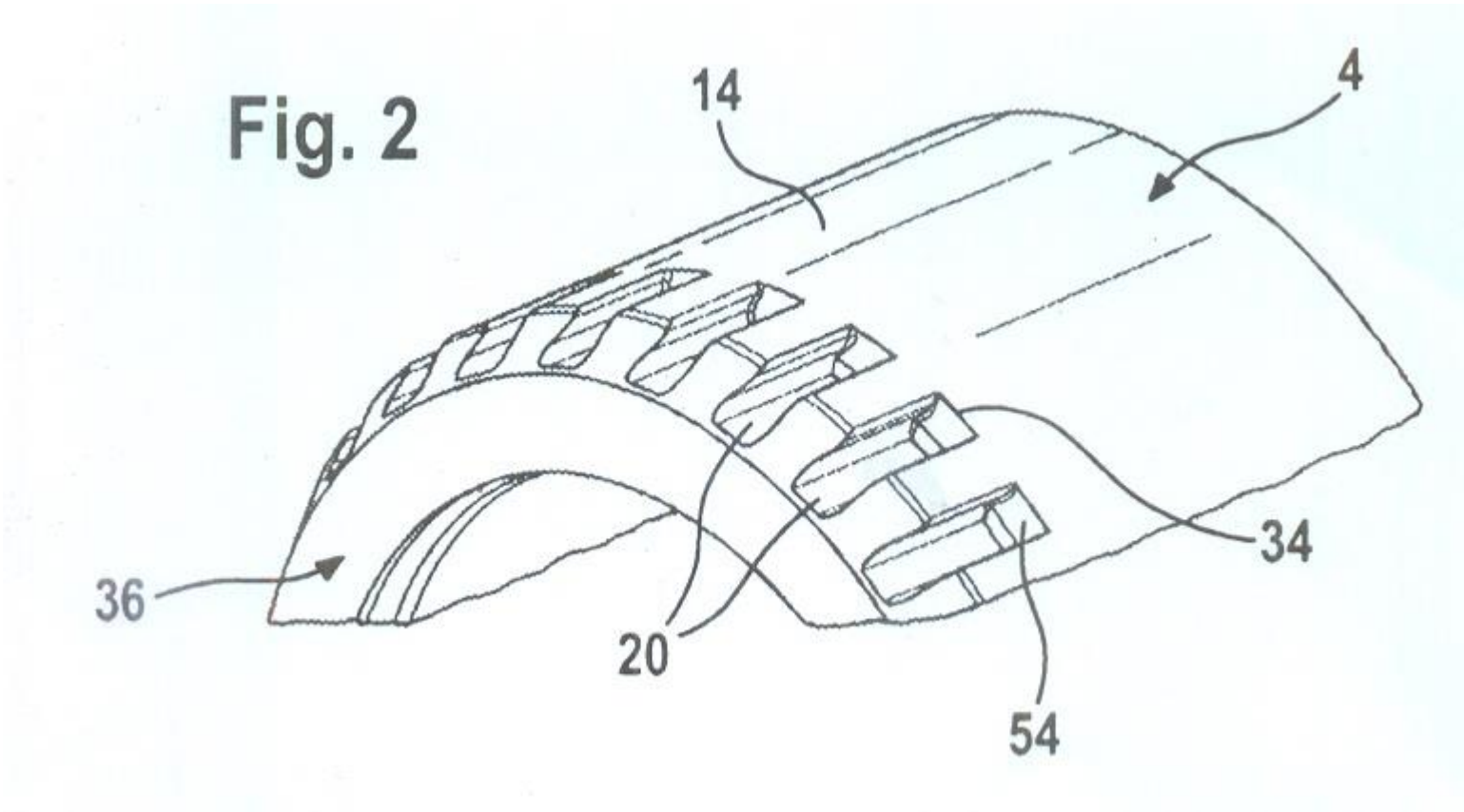
(21) Application No.6118/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MASTER CYLINDER FOR A REGULATED BRAKING SYSTEM

(51) International classification :B60T11/16,B60T11/232
(31) Priority Document No :102009054695.2
(32) Priority Date :15/12/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/069729
Filing Date :15/12/2010
(87) International Publication No :WO 2011/082999 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)BISCHOFF Adreas**
**3)DROTT Peter**
**4)INABA Makato**
**5)KREH Heinrich**
**6)JANOSEK Filip**
**7)JUNGMANN Udo**

(57) Abstract :
The invention relates to a master cylinder 1 for a regulated braking system having at least one piston 3, 4, 50, which is movable in a housing 2 and which is sealed off by means of a sealing element 7, 8 arranged in an annular groove 5, 6 of the housing 2 from a pressure chamber 15, 16, which can be connected to an unpressurized replenishment chamber 17, 18 by means of control passages 19, 20, 51 formed in the piston 3, 4, 50. In order to reduce the flow resistance of the control passages 20, 51 while keeping the idle travel the same, the proposal according to the invention is that the control passages 20, 51 of at least one of the pistons 4, 50 have a control edge 34, 52 formed parallel to a piston end face 36, 53. (Figure 2)




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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2012

(21) Application No.6259/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : LIQUID CRYSTAL DISPLAY DEVICE AND METHOD FOR MANUFACTURING SAME

| | |
|---|---|
| (51) International classification | :G02F1/1333 |
| (31) Priority Document No | :2010-007253 |
| (32) Priority Date | :15/01/2010 |
| (33) Name of priority country | :Japan |
| (86) International Application No<br>Filing Date | :PCT/JP2010/070706<br>:19/11/2010 |
| (87) International Publication No | :WO 2011/086766 A1 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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(72)**Name of Inventor :**
**1)Katsunori MISAKI**

(57) Abstract :
The present invention provides a liquid crystal display device capable of reducing the number of steps and material costs and a method of producing the liquid crystal display device. A liquid crystal display device (100) of the present invention includes a liquid crystal display panel (105); and a touch panel (106). Out of the liquid crystal display panel (105) and the touch panel (106), one panel serves as a reference for alignment between the liquid crystal display panel (105) and the touch panel (106) and the other panel is aligned with the one panel. The other panel is provided with a second alignment mark that is aligned with a first alignment mark of the one panel. The second alignment mark is constituted by a transparent member.

No. of Pages : 76 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2012

(21) Application No.6522/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : LED LAMP UNIT

(51) International classification :F21V19/00,F21S2/00,H01L33/00
(31) Priority Document No :2010-012895
(32) Priority Date :25/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/051224
Filing Date :24/01/2011
(87) International Publication No :WO 2011/090196 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)SUZUKI Yasuo**

(57) Abstract :
Disclosed is an LED lamp unit wherein electrical contact between an LED body and terminals (bus bars) is made reliably with a good contact pressure and assembly work and changing of the lens shape are simplified. The LED lamp unit (1) is comprised of: a flat shaped LED body (2) that has a light emitting unit (7) on the front face side thereof and a pair of terminal sections (9) on the back face side thereof; a pair of bus bars (3 4) wherein latching pieces (12 14) for latching the LED body and contact spring pieces (11) for making contacts to the terminal sections are installed on bus bar bodies (10) and wherein latching sections (19) at the free end side of the contact spring pieces are made to penetrate through hole sections (17) of the bus bar bodies; and a lens member (6) that houses an LED connected body (5) comprised by having the LED body mounted onto the pair of bus bars and that has to be latched sections (29) to which the latching sections are to be latched and inner wall faces (26a) that press the latching sections in a direction opposite the terminal sections in latched state. A dome shaped lens body (30) is mounted integrally onto the lens member (6) facing the light emitting unit (7).

No. of Pages : 29 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2012
(21) Application No.6523/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : LIQUID CRYSTAL DISPLAY DEVICE

(51) International classification :G02F1/1368
(31) Priority Document No :2010-007254
(32) Priority Date :15/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/069499
Filing Date :02/11/2010
(87) International Publication No :WO 2011/086749 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)KAMADA Tsuyoshi**
**3)IDE Tetsuya**
**4)OHHASHI Seiji**

(57) Abstract :
Disclosed is a liquid crystal display device (1) which is provided with a gate bus line (2) a source bus line (4) a CS bus line (6) a gate electrode a source electrode a first transistor (TFT1) a second transistor (TFT2) a first pixel electrode a second pixel electrode a pixel region (8) which is provided with a first sub pixel (8a) and a second sub pixel (8b) a pixel region (10) which is provided with a first sub pixel (10a) and a second sub pixel (10b) a pixel region (12) which is provided with a first sub pixel (12a) and a second sub pixel (12b) a gate electrode a drain electrode a third transistor (TFT3) a first buffer capacitive electrode a second buffer capacitive electrode and a capacitor (Cd). The value of the capacitor (Cd) varies by the color displayed in the pixel region that corresponds to the capacitor (Cd) thereby reducing generation of color slurring at a diagonal viewing angle.

No. of Pages : 53 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2012

(21) Application No.5315/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : 5,5-FUSED ARYLENE OR HETEROARYLENE HEPATITIS C VIRUS INHIBITORS

(51) International classification :C07D487/04
(31) Priority Document No :61/288,207
(32) Priority Date :18/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/060928
Filing Date :17/12/2010
(87) International Publication No :WO 2011/075615 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**4)PIERRA, CLAIRE**
**5)ALEXANDRE, FRANCOIS-RENE**
**6)BRANDT, GUILLAUME**
**7)DA COSTA, DANIEL**
**8)RAHALI, HOUCINE**
**9)PAPARIN, JEAN-LAURENT**
**10)DEROCK, MICHEL**
**11)CONVARD, THIERRY**
**12)SURLERAUX, DOMINIQUE**

(57) Abstract :
Provided herein are 5,5-fused heteroarylene hepatitis C virus inhibitor compounds, for example, of Formula I, IA, or IB, pharmaceutical compositions comprising the compounds, and processes of preparation thereof. Also provided are methods of their use for the treatment of an HCV infection in a host in need thereof. Formula (I), (IA), (IB).

No. of Pages : 390 No. of Claims : 76

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2012

(21) Application No.6023/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MOTOR VEHICLE STRUCTURE AND MOTOR VEHICLE COMPRISING SUCH A STRUCTURE

(51) International classification :B60G15/06,B62D25/08
(31) Priority Document No :0958884
(32) Priority Date :11/12/2009
(33) Name of priority country :France
(86) International Application No :PCT/FR2010/052591
Filing Date :02/12/2010
(87) International Publication No :WO 2011/070270 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)BOURIOT Frank**

(57) Abstract :
The invention relates to a motor vehicle structure comprising a recess (16) that receives an inserted element (14) and the upper portion of which is covered by a closing element (22) said closing element being suitable for enabling the attachment and/or operation of the inserted element (14). According to the invention the closing element (22) comprises two separate elements (24 26): a first element (24) suitable for being mounted onto the recess (16) and a second element (26) suitable for being attached onto said first element (24) and for enabling the attachment and/or operation of said inserted element (14).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2012

(21) Application No.6273/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : INFORMATION TERMINAL DEVICE CONTROL METHOD USING AN INFORMATION TERMINAL DEVICE AND PROGRAM

(51) International classification :H04Q9/00
(31) Priority Document No :2010-008391
(32) Priority Date :18/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/050050
Filing Date :05/01/2011
(87) International Publication No :WO 2011/086956 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)UCHIDA Kaoru**

(57) Abstract :
Disclosed is an information terminal device that upon simply using an internal camera to take a picture of a target device provides a control menu suited to said target device thereby allowing intuitive control suited to said target device. The disclosed information terminal device includes: a target recognition means (13) that recognizes a target device from an image taken by an internal camera; a menu management means (15) that on the basis of the recognition result from the target recognition means provides pre saved control menu information for that target device; and a processing means (17) that sends an operation command in accordance with the control action selected via the control menu information.

No. of Pages : 34 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2012

(21) Application No.6405/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : NOVEL POLYMERS

(51) International classification :C08F210/16
(31) Priority Document No :10151296.0
(32) Priority Date :21/01/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/050604
Filing Date :18/01/2011
(87) International Publication No :WO 2011/089112
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)DHEUR Luc Marie Ghislain**
**3)KOCH Benoit**
**4)SPITZMESSER Stefan Klaus**

(57) Abstract :
Copolymers of ethylene and a olefins are provided having (a) a density (D) in the range 0.900 0.940 g/cm (b) a melt index MI (2.16 kg 190°C) in the range of 0.01 50 g/10 min (c) a melt index MI (2.16 kg 190°C) and Dow Rheology Index (DRI) satisfying the equation [DRI/MI] > 2.65 and (d) a Dart Drop Impact (DDI) in g of a blown film having a thickness of 25 µm produced from the copolymer satisfying the equation DDI = 19000 x {1 Exp [ 750(D 0.908)] } x {Exp [(0.919 D)/0.0045] } The copolymers may suitably be prepared by use of metallocene catalysts and are preferably prepared in multistage processes earned out in loop reactors in the slurry phase. The copolymers exhibit long chain branching as defined by Dow Rheology Index (DRI) and exhibit unexpected improvements in mechanical properties in particular dart drop impact when extruded into blown films.

No. of Pages : 32 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2012

(21) Application No.6540/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SPATIAL SOUND REPRODUCTION

(51) International classification :H04S 7/00
(31) Priority Document No :10152388.4
(32) Priority Date :02/02/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/050334
Filing Date :26/01/2011
(87) International Publication No :WO/2011/095913
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)HARMA Aki Sakari**
**2)DE BRUIJN Werner Paulus Josephus**

(57) Abstract :
An apparatus for spatial sound reproduction comprises a receiver (101) for receiving a multi-channel audio signal. An analyzer (107) determines a spatial property of the multi-channel audio signal such as a spatial complexity or organization. A selection processor (109) then selects a reproduction mode from a plurality of sound reproduction modes where the multi-channel sound reproduction modes employ different spatial rendering techniques. A reproduction circuit (103) then drives a set of loudspeakers (105) to reproduce the multi-channel audio signal using the selected reproduction mode. The switching between the reproduction modes may be fast (e.g. in the order of 100 ms to 10 secs) thereby allowing a short term adaptation of the reproduction mode to the signal characteristics. The approach may in particular provide an improved spatial experience to a listener. Fig. 1

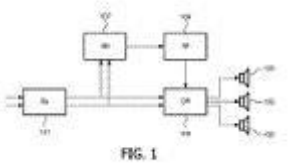


FIG. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2012

(21) Application No.6263/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SURFACE CONDITIONING FOR IMPROVING BONE CEMENT ADHESION TO CERAMIC SUBSTRATES

(51) International classification :C04B41/49,C04B41/52,C04B41/89
(31) Priority Document No :102009054871.8
(32) Priority Date :17/12/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/070000
Filing Date :16/12/2010
(87) International Publication No :WO 2011/083024 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :CeramTec Platz 1 9 73207 Plochingen Germany
(72)**Name of Inventor :**
**1)BERGER Stefan**

(57) Abstract :
The invention relates to a ceramic substrate the surface of which is modified for improving bone cement adhesion.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2012

(21) Application No.6264/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SINGLE CHAMBER EVAPORATOR AND THE USE THEREOF IN CHEMICAL SYNTHESIS

(51) International classification :C01C3/02
(31) Priority Document No :10151422.2
(32) Priority Date :22/01/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/050805
Filing Date :21/01/2011
(87) International Publication No :WO 2011/089209 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**2)SCHIPPER Michael**
**3)BIRNBACH Stefan**
**4)PETERSEN Peter**
**5)GRITSCH Achim**
**6)WELLISCH Alois**
**7)LUYKEN Hermann**
**8)STEINER Albert**
**9)ZEHNER Peter**

(57) Abstract :
The invention relates to an improved method for evaporating organic compounds and to the further reaction thereof.

No. of Pages : 20 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2012

(21) Application No.6536/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR PRODUCING RESIN DISPERSION FOR ANTIFOULING COATING

(51) International classification :C09D5/16,C09D5/02,C09D133/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2009/071755
Filing Date :28/12/2009
(87) International Publication No :WO 2011/080821 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)IWAMOTO Akio**
**2)TANUMA Naomi**

(57) Abstract :
The disclosed resin dispersion for an antifouling coating has excellent water resistance in sea water and storage stability can display an antifouling effect over the long term and has self polishing properties with excellent adhesiveness. The method for producing the resin dispersion for an antifouling coating includes a step for producing a polymer (A) containing a bivalent metal and a step for dispersing said polymer (A) in a dispersion medium comprising water or a mixture of water and an organic solvent and is characterized by the polymer (A) containing a bivalent metal being obtained through multi stage (at least two stages) solution polymerization of: 1 40 mass % of a bivalent metal containing ethylenic unsaturated monomer unit (a1) 0 8 mass % of a carboxyl group containing ethylenic unsaturated monomer unit (a2) 0 40 mass % of a hydroxyl group containing ethylenic unsaturated monomer unit (a3) and 99 22 mass % of another ethylenic unsaturated monomer unit (a4).

No. of Pages : 44 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2012

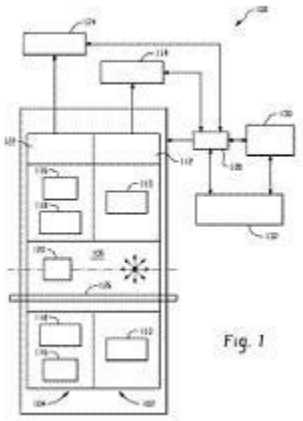
(21) Application No.6537/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FUNCTIONAL IMAGING

(51) International classification :A61B 5/055
(31) Priority Document No :61/300491
(32) Priority Date :02/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/050068
Filing Date :07/01/2011
(87) International Publication No :WO/2011/095898
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)PELIGRAD Dragos-Nicolae**

(57) Abstract :
A method includes obtaining a first image of first contrast agent uptake in non tissue of interest of a patient. The first image is generated based on data from first data from a first imaging modality. The method further includes obtaining a second image of second contrast agent uptake in tissue of interest and the non tissue of interest of the patient. The second image is generated based on second data from a second different imaging modality. The method further includes generating a first image mask based on the first image and generating a first feature image based on the second image and the first image mask. The method further includes displaying at least the first feature image. Fig.1


Fig. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2012

(21) Application No.6538/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DATA PROCESSING OF GROUP IMAGING STUDIES

(51) International classification :G06F 19/00
(31) Priority Document No :61/300481
(32) Priority Date :02/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/050378
Filing Date :28/01/2011
(87) International Publication No :WO/2011/095918
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)RAMASWAMY Shivakumar Kunigal**
**3)AYYAKAD KRISHNAN Narayanan**
**4)ZAGORCHEV Lyubomir Georgiev**

(57) Abstract :
A system for processing multi-subject volumes comprises a volume input (1) for receiving an input volume image dataset (13) comprising a plurality of subjects scanned simultaneously. A metadata input (2) receives metadata (15) relating to individual ones of the subjects. A subject finder (3) identifies a plurality of portions of the input volume image dataset (13) each portion comprising one of the subjects. A volume image dataset generator (4) generates a plurality of separate volume image datasets (16) each separate volume image dataset (7) comprising one of the portions of the input volume image dataset. A metadata handler (5) associates the metadata (15) relating to a subject with the separate volume image dataset (7) comprising the portion comprising the subject.

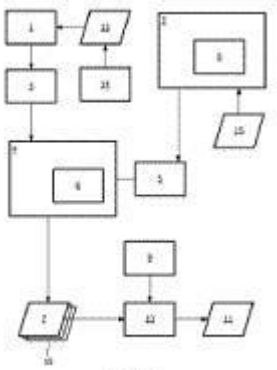


FIG. 1

No. of Pages : 21 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2012

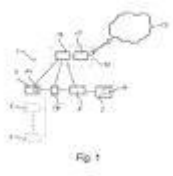
(21) Application No.6539/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ENERGY MANAGEMENT CONTROL FOR SOLAR-POWERED LIGHTING DEVICES

(51) International classification :H02J 7/00
(31) Priority Document No :10152386.8
(32) Priority Date :02/02/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/050408
Filing Date :31/01/2011
(87) International Publication No :WO/2011/095922
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**2)BLANKESTIJN Jan-Ivo**
**3)HONTELE Bertrand Johan Edward**

(57) Abstract :
This invention relates to a method of controlling the light output of a solar- powered lighting device. The lighting device comprises a light source a battery connected to the light source a solar-power generator including a charger connected to the battery and a control unit for performing the light output control. The method comprises: - charging the battery while solar-power is generated; - acquiring local day-light data; - repeatedly: - acquiring at predetermined time intervals local weather forecast data covering a predetermined time period and determining a lighting output profile for the predetermined time period; and - driving the lighting device according to the lighting output profile wherein said determining a lighting output profile comprises: - Fig. 1



No. of Pages : 16 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2012
(21) Application No.6277/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PHOTOELECTRIC TRANSDUCER

(51) International classification :H01L31/04,H01L31/10
(31) Priority Document No :2010002352
(32) Priority Date :07/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/072807
Filing Date :17/12/2010
(87) International Publication No :WO 2011/083674
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)YASHIRO Yuhji**
**3)TSUDA Yuhsuke**
**4)NODA Susumu**
**5)FUJITA Masayuki**
**6)TANAKA Yoshinori**

(57) Abstract :
VaVVVaDisclosed is a photoelectric transducer (10) provided with a semiconductor layer (13) and a photonic crystal (21) formed in the semiconductor layer (13) wherein the photonic crystal (21) includes nanorods (19) having a lower refractive index than the medium of the semiconductor layer (13) and arranged in the semiconductor layer (13) wherein the nanorods (19) are two dimensionally arranged at intervals with a pitch of /4 or more and or less where is the resonance peak wavelength of the photonic crystal (21) and wherein the equation 0.2Q = Q = 5.4Q is satisfied where Q is a Q value which is inversely proportional to a coefficient indicating the coupling strength between the photonic crystal (21) and the surroundings thereof and which indicates the magnitude of the resonance effect due to the coupling between the photonic crystal (21) and the surroundings thereof and Q is a Q value which is inversely proportional to the optical absorption coefficient aa of the medium of the semiconductor layer (13) and which indicates the magnitude of the resonance effect of the medium of the semiconductor layer (13). This increases the optical absorption rate of the photoelectric transducer provided with the photonic crystal structure.

No. of Pages : 94 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2012

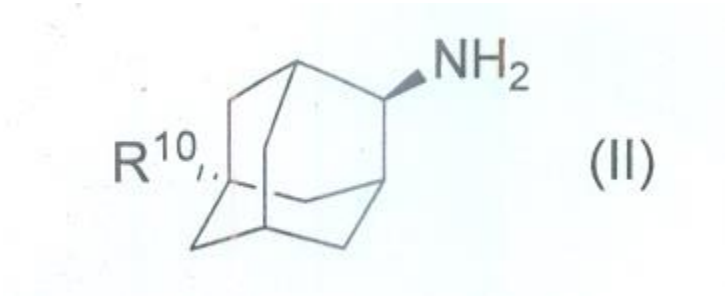
(21) Application No.6278/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ADAMANTANAMINE DERIVATIVE

(51) International classification :C07C233/41,C07C271/24,C07C271/32
(31) Priority Document No :2009290227
(32) Priority Date :22/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/072847
Filing Date :20/12/2010
(87) International Publication No :WO 2011/078101
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**1)OGAWA Tomoyuki**
**2)MASUDA Koji**

(57) Abstract :
Disclosed is an adamantanamine derivative which is useful as a significant intermediate of an 11(3HSD-1 inhibitor. Disclosed is a compound represented by the formula (II): wherein R10 is a group represented by the formula: -(CR13R14)mNR12-R1X or the like.




No. of Pages : 34 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2012

(21) Application No.6411/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : WIND ENERGY PLANT HAVING A BLADE HEATER

(51) International classification :F03D7/04
(31) Priority Document No :10 2010 005 286.8
(32) Priority Date :21/01/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/050831
Filing Date :21/01/2011
(87) International Publication No :WO 2011/089221
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)PETERS Matthias**
**2)VON MUTIUS Martin**

(57) Abstract :
The invention relates to a wind energy plant comprising a rotor (2) having blades (21) and a generator (13) driven by said rotor for generating electric energy wherein the pitch of the blades (21) can be adjusted and a pitch system (4) for adjusting the pitch angle () of the blades (21) is provided which is supplied by a hub power source (40) wherein further an additional electric load (5) is provided on the hub and wherein a pitch power control device (6) is provided which dynamically distributes the power of the hub power source (40) between the pitch system (4) and the additional electric load (5) and further acts on the pitch system (4) such that the power consumption thereof during high load operation is reduced. In this way the power consumption of the pitch system (4) during high load operation can be reduced and additional power provided for operating the additional load (5). Even high performance additional loads (5) such as a blade heater can be operated in this way without having to boost the hub power source (40).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/07/2012

(21) Application No.6555/CHENP/2012 A
(43) Publication Date : 04/12/2015

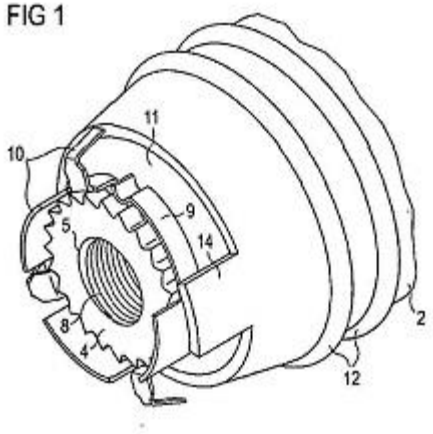
(54) Title of the invention : DRIVE ASSEMBLY FOR A DRUG DELIVERY DEVICE AND DRUG DELIVERY DEVICE

(51) International classification :A61M5/24,A61M5/315
(31) Priority Document No :10151498.2
(32) Priority Date :25/01/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/050898
Filing Date :24/01/2011
(87) International Publication No :WO 2011/089246
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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**2)JONES Christopher**
**3)DRAPER Paul**

(57) Abstract :
The drive assembly comprises a guide nut (4) a locking means (9) and a fastener (14) the fastener being movable with respect to the locking means into and out of a position in which the fastener engages the locking means with the guide nut.

FIG 1




No. of Pages : 19 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/07/2012

(21) Application No.6556/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HIGH EFFICIENCY COMBUSTION DEVICE AND FLUIDIZED CATALYTIC CRACKING PROCESS FOR THE PRODUCTION OF LIGHT OLEFINS

(51) International classification :F23C10/01,F23C10/22,F23C13/00
(31) Priority Document No :PI 0905256-9
(32) Priority Date :28/12/2009
(33) Name of priority country :Brazil
(86) International Application No :PCT/BR2010/000297
Filing Date :14/09/2010
(87) International Publication No :WO 2011/079355 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)FREIRE SANDES Emmanuel**
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**4)ALIATTI Geovani**
**5)FURTADO RAMOS Jos Geraldo**
**6)SERFATY Ricardo**
**7)PATRICIO JUNIOR Nelson**

(57) Abstract :
A combustion device is described for meeting the energy demand of processes for producing light olefins (ethene and propene) in fluidized bed catalytic cracking units. Said combustion device is responsible for burning heating oil and maintaining burning of the coke deposited on the catalyst with a view to the heating thereof to meet the energy demand of the reaction combustion taking place smoothly and uniformly preventing the formation of hot spots within the catalytic bed and in the afterburning diluted phase which thus minimizes deactivation of the catalyst and the risk of damage to the internal equipment of the combustion device.

No. of Pages : 32 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2012

(21) Application No.5920/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CHANNEL STATE INFORMATION FEEDBACK USING A HIERARCHICAL CODEBOOK FOR VECTOR QUANTISATION

| | |
|---|---|
| (51) International classification | :H04B7/06 |
| (31) Priority Document No | :10360001.1 |
| (32) Priority Date | :08/01/2010 |
| (33) Name of priority country | :EPO |
| (86) International Application No<br>Filing Date | :PCT/EP2011/000020<br>:06/01/2011 |
| (87) International Publication No | :WO 2011/083081 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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(72)**Name of Inventor :**
**1)BOCCARDI Federico**
**2)WILD Thorsten**

(57) Abstract :
An apparatus and method for feeding back channel state information is disclosed. The method is for providing channel state information for a wireless communications channel provided between a first network node having at least one transmission antenna and a second network node having at least one reception antenna. The method comprises the steps of: determining characteristics of each tap resolvable in the time domain of at least one sub channel within said channel from signals received by said at least one reception antenna over said channel from said at least one transmission antenna; arranging said characteristics into at least one vector; quantising said at least one vector by selecting one of a plurality of codebook vectors at a first level of a hierarchical codebook of vectors; and providing to said first network node an indication of an index to said one of a plurality of codebook vectors.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2012
(21) Application No.5923/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : STRUCTURE FOR FIXING ELECTRICAL JUNCTION BOX

(51) International classification :H02G3/08,B60R16/02,H01M2/30
(31) Priority Document No :2010-002862
(32) Priority Date :08/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/050211
Filing Date :07/01/2011
(87) International Publication No :WO 2011/083862
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)SHIMIZU Masaru**

(57) Abstract :
Disclosed is a structure for fixing an electrical junction box whereby the same electrical junction box can be fixed irrespective of the size shape and the like of a battery and the electrical junction box can be shared. The structure fixes a fusible link unit (1) that is to be fixed to the battery post (21) of the battery (20). The structure is provided with a bracket (10) which has a junction box fixing section (13) that fixes the fusible link unit (1) and a battery fixing section (14) that is to be fixed to the battery (20) and the fusible link unit (1) is fixed to the battery (20) with the bracket (10) therebetween.

No. of Pages : 25 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2012

(21) Application No.6284/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYSTEM AND METHOD TO CONTROL A DIRECTION OF A CURRENT APPLIED TO A MAGNETIC TUNNEL JUNCTION

(51) International classification :G11C 11/16
(31) Priority Document No :12/687,310
(32) Priority Date :14/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/021380
Filing Date :14/01/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)JUNG PILL KIM**
**2)HARI M. RAO**
**3)KANGHO LEE**

(57) Abstract :
see the attachment

No. of Pages : 36 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/07/2012

(21) Application No.6561/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FUEL CELLS AND FUEL CELL COMPONENTS HAVING ASYMMETRIC ARCHITECTURE AND METHODS THEREOF

(51) International classification :H01M8/02
(31) Priority Document No :61/290, 448
(32) Priority Date :28/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2010/002025
Filing Date :23/12/2010
(87) International Publication No :WO 2011/079377 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)SCHROOTEN Jeremy**
**2)SOBEJKO Paul**
**3)MCLEAN Gerard F.**

(57) Abstract :
Embodiments relate to a composite for a fuel cell layer including a plurality of electron conducting components a plurality of ion conducting components each having a first surface and a second surface and wherein each ion conducting component is positioned between two electron conducting components. The electron conducting components and the ion conducting components form a layer and at least one of the ion conducting components or the electron conducting components is geometrically asymmetric in one or more dimensions.

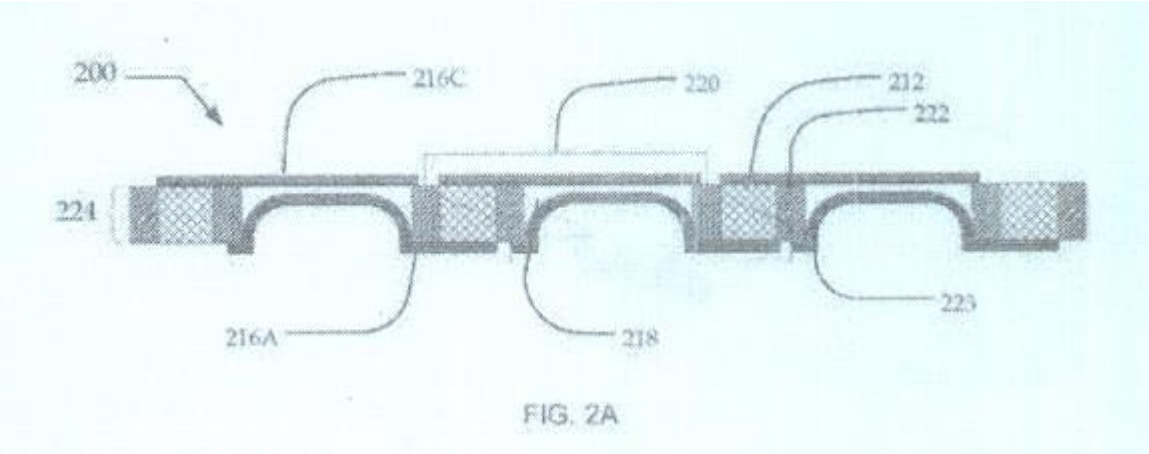


FIG. 2A

No. of Pages : 41 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/07/2012

(21) Application No.6562/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : LANTHIONINE DERIVATIVES

(51) International classification :C07K5/06,A23L1/226,A23L1/30
(31) Priority Document No :2009-298010
(32) Priority Date :28/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/073720
Filing Date :28/12/2010
(87) International Publication No :WO 2011/081184
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)SATO Seiichi**
**2)FUTAKI Fumie**
**3)YASUDA Reiko**
**4)ETO Sachise**
**5)SUZUKI Yumiko**
**6)TAJIMA Takaho**
**7)ETO Yuzuru**
**8)TAHARA Yuki**

(57) Abstract :
A number of variation compounds having CaSR agonist activity were searched and a novel compound having superior action for imparting rich flavor was discovered. Provided are an agent for imparting rich flavor which comprises the abovementioned substance and a composite agent for imparting rich flavor which comprises the abovementioned substance and a substance having another CaSR agonist activity. Specifically provided are an agent for imparting rich flavor which comprises a Lanthionine derivative and a composite agent for imparting rich flavor which comprises the aforementioned substance and a substance having another CaSR agonist activity.

No. of Pages : 81 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/07/2012

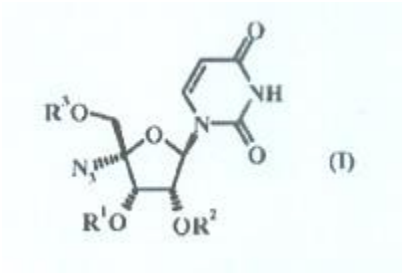
(21) Application No.6557/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : 4 AZIDO NUCLEOSIDES AS ANTI HCV COMPUNDS

(51) International classification :C07H19/067,A61K31/7072
(31) Priority Document No :61/299, 229
(32) Priority Date :28/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/050971
Filing Date :25/01/2011
(87) International Publication No :WO 2011/092158 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 :Grenzacherstrasse 124 CH 4070 Basel Switzerland
(72)**Name of Inventor :**
**1)MA Han**
**2)SARMA Keshab**
**3)SMITH David Bernard**

(57) Abstract :
123Compounds having the formula I wherein R R and R are as defined herein are Hepatitis C virus NS5b polymerase inhibitors. Also disclosed are compositions and methods for treating an HCV infection and inhibiting HCV replication.




No. of Pages : 46 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/07/2012

(21) Application No.6558/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD OF OPERATING ELEVATORS DURING EMERGENCY SITUATIONS

(51) International classification :B66B5/02
(31) Priority Document No :12/651,094
(32) Priority Date :31/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/065874
Filing Date :21/10/2010
(87) International Publication No :WO 2011/079975 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)INVENTIO AG**
Address of Applicant :Seestrasse 55 Postfach CH 6052 Hergiswil Switzerland
(72)**Name of Inventor :**
**1)MASON Christopher**

(57) Abstract :
An elevator system having at least two elevators wherein at least one of the elevators is designated as an emergency personnel elevator can be operated to allow a firefighter to commandeer a second elevator for the purpose of ferrying persons to a safe evacuation floor. The elevator system is configured to determine if a request for an evacuation elevator originates from the firefighter elevator car positioned at one of several floors of a building. In response to the request an elevator car other than the emergency personnel elevator car is designated as the evacuation elevator car. Further the evacuation elevator car is dispatched to the floor the emergency personnel elevator car is positioned and the evacuation elevator car is dispatched to a predefined evacuation floor upon receipt of an evacuation request made by the firefighter.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2012

(21) Application No.2748/CHE/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A METHOD AND SYSTEM OF PROCURING A TICKET

(51) International classification :H04W
(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)DATASTREAM RESEARCH AND ANALYSIS PRIVATE LIMITED**
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(72)**Name of Inventor :**
**1)N.S.VAIDYANATHAN**

(57) Abstract :
The present invention relates to mobile ticketing and more particularly to a method and system to procure a valid mobile ticket in a user device. In one embodiment this is accomplished by initiating a ticket request by at least one user using the mobile device identifying the ticket request as USSD message by a USSD server and displaying the information of procuring the ticket and other ticket related information on the mobile device including time stamping date etc.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2012

(21) Application No.6470/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : GELATINOUS CLEANING AGENT FOR CONTACT LENSES

(51) International classification :G02C13/00,C11D7/22,C11D7/26
(31) Priority Document No :2010-223356
(32) Priority Date :01/10/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/065370
Filing Date :05/07/2011
(87) International Publication No :WO 2012/043004 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)Seed Co. Ltd.**
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(72)**Name of Inventor :**
**1)YANAGAWA Yoshinori**
**2)OKAYASU Yuki**

(57) Abstract :
The purpose of the present invention is to provide a cleaning agent for contact lenses that is easy to handle and exhibits an excellent cleaning effect against dirtiness caused by oily ingredients adhering to the surface of the contact lenses specifically oily dirtiness caused by the adherence of eye makeup and the like (cosmetic dirtiness) when compared to conventional non abrasive cleaning agents for contact lenses suited to cleaning by scrubbing. The purpose is achieved by providing a gelatinous cleaning agent for contact lenses that is characterized by containing polyether modified silicone oil a solubilizing agent and a gelling agent.

No. of Pages : 34 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2012

(21) Application No.5798/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AN EROSION RESISTANT MOUNTING MATERIAL

(51) International classification :F01N3/021
(31) Priority Document No :60/943,688
(32) Priority Date :13/06/2007
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US08/64091
Filing Date :19/05/2008
(87) International Publication No :WO/2008/156942
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :7299/CHENP/2009
Filed on :19/05/2008

(71)**Name of Applicant :**
**1) 3M INNOVATIVE PROPERTIES COMPANY**
Address of Applicant :3M CENTER, POST OFFICE BOX 33427, SAINT PAUL, MN 55133-3427 U.S.A.
(72)**Name of Inventor :**
**1) DIETZ, PETER, T.**
**2)MANDANAS, MICHAEL, PATRICK, M.**

(57) Abstract :
This invention relates to an erosion resistant mounting material comprising: a mounting material comprising inorganic fibers and having a plurality of peripheral edges, the plurality of peripheral edges comprising a first peripheral edge; and a layer of reinforcing composition inwardly disposed on the mounting material along the first peripheral edge, but not contacting a majority of the mounting material, wherein, on a dry weight basis, at least one of phosphoric acid or polyphosphoric acid, and wherein the erosion resistant mounting material is flexible.

No. of Pages : 35 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2012
(21) Application No.6279/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PLANETARY GEAR PINION SHAFT SUPPORT STRUCTURE

(51) International classification :F16H57/08
(31) Priority Document No :2009289601
(32) Priority Date :21/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/070535
Filing Date :18/11/2010
(87) International Publication No :WO 2011/077869 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)KOYAMA Shigeru**
**2)KUMAGAI Nobuhiro**
**3)KOBAYASHI Heisuke**
**4)FUJIMOTO Shinji**

(57) Abstract :
The disclosed pinion shaft support structure allows attachment of pinion shafts in a phase aligned state by one simple process not requiring special equipment or a staking step. The pinion shaft support structure is provided with pinion gears pinion shafts for supporting the pinion gears and a carrier with multiple shaft support holes for rotatably supporting the pinion shafts wherein the pinion shafts are supported by the shaft support holes. The pinion shaft support structure is further provided with stepped sections formed on the end surfaces of the pinion shafts and retaining washers capable of locking the stepped sections by being attached to the carrier. The retaining washers attached to the carrier can be locked in an arrangement in which the outer rim of a washers faces the stepped section of a pinion shaft inserted into a shaft support hole and this allows positioning in the direction of rotation (phase alignment) of the multiple pinion shafts.

No. of Pages : 27 No. of Claims : 5

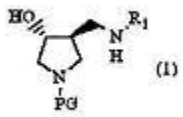
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2012
(21) Application No.5992/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR PRODUCING 3, 4-DISUBSTITUTED PYRROLIDINE DERIVATIVE AND PRODUCTION INTERMEDIATE THEREOF

(51) International classification :C07D207/10
(31) Priority Document No :2010-002665
(32) Priority Date :08/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/050206
Filing Date :07/01/2011
(87) International Publication No :WO 2011/083858 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)KYORIN PHARMACEUTICAL CO., LTD.**
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(72)**Name of Inventor :**
**1)ARAYA, ICHIRO**
**2)ORITA, KAZUO**

(57) Abstract :
Provided is an inexpensive and industrially advantageous method for preparing (3R,4S)-3-(N-substituted aminomethyI)-4-fluoropyrrolidine or an enantiomer thereof which can be an intermediate for producing pharmaceuticals. It relates to a method for preparing (3R,4S)-3-(N-substituted cyclopropylaminomethyl)-4-fluoropyrrolidine derivative or aits enantiomer, or their salts, comprising a step of fluorinating a 4-hydroxy-3-(N-substituted ammomethyl pyrrolidine derivative represented by the general formula (1) or an enantiomer thereof using a sulfur tetrafluoride derivative. [Chem. 1] [In the formula (1), PG represents a protective group for the amino group, and Ri represents a CI to C6 alkyl group which may be substituted, or a C3 to C8 cycloalkyl group which may be substituted.]



(1)

No. of Pages : 51 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2012

(21) Application No.5818/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MANUFACTURING METHOD OF DECORATIVE MOLDING

(51) International classification :B29C45/14
(31) Priority Document No :2009-296921
(32) Priority Date :28/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/US2010/061212
Filing Date :20/12/2010
(87) International Publication No :WO 2011/081994
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)3M INNOVATIVE PROPERTIES COMPANY**
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(72)**Name of Inventor :**
**1)AMAYA Kiminori**
**2)TSUDA Koji**

(57) Abstract :
A manufacturing method of a decorative molding having uneven pattern by a film injection molding process with a decorative sheet comprising a thermoplastic surface layer having uneven structure and a thermoplastic substrate layer comprising a step of producing a pre decorative sheet by preparing a thermoplastic surface protection layer having uneven structure producing a thermoplastic surface layer by coating thermoplastic resin on the uneven structured surface of the thermoplastic surface protection layer and producing a substrate layer on the opposite side of the thermoplastic surface layer from the thermoplastic surface protection layer.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2012

(21) Application No.5819/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HIGHLY REACTIVE STABILIZED ADHESIVE BASED ON POLYISOCYANATE

(51) International classification :C08G18/22,C08G18/24,C08G18/71
(31) Priority Document No :09178369.6
(32) Priority Date :08/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/069112
Filing Date :08/12/2010
(87) International Publication No :WO 2011/070040 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)SCHMIDT Hans Ulrich**
**2)SCHATZ Waldemar**
**3)ULLMANN Stefan**

(57) Abstract :
The invention relates to a highly reactive isocyanate component comprising an organic isocyanate having at least two isocyanate groups a catalyst based on an organic metal compound and a compound comprising an aromatic sulfonyl isocyanate group. The invention further relates to a method for producing materials comprising lignocellulose using the highly reactive isocyanate component to such materials comprising lignocellulose and to a sealant comprising the highly reactive isocyanate component.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2012

(21) Application No.5928/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : IMAGE DISPLAY DEVICE AND IMAGE DISPLAY METHOD

(51) International classification :G09G3/36,G02F1/133,G09G3/20
(31) Priority Document No :2010055395
(32) Priority Date :12/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/070442
Filing Date :17/11/2010
(87) International Publication No :WO 2011/111268
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)UENO Tetsuya**
**2)FUJIWARA Kohji**

(57) Abstract :
An LED output value correcting unit (513) included in an area active drive processing unit (5) of a liquid crystal display corrects LED data Dbl determined by an LED output value calculating unit (512) by referring to a brightness correction LUT (13) such that the brightness of the LED data in the range of an intermediate value to approximately the maximum value shifts to higher brightness. This leads to an improvement in the contrast ratio even when the brightness of a backlight is low (typically when the average brightness of input images is low) and can prevent a tone jump (insufficient brightness) at high tones caused by insufficient brightness of the backlight.

No. of Pages : 73 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2012

(21) Application No.6301/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FLOOR POSITION DETECTION DEVICE

(51) International classification :B66B1/34,B66B1/50
(31) Priority Document No :09180114.2
(32) Priority Date :21/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/068599
Filing Date :01/12/2010
(87) International Publication No :WO 2011/076533 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Seestrasse 55 CH 6052 Hergiswil Switzerland
(72)**Name of Inventor :**
**1)ARNOLD Daniel**
**2)BIRRER Eric**

(57) Abstract :
The invention relates to a floor position detection device of a lift system (10) comprising at least one first sensor unit (18) which has a first Hall sensor (42) and which is provided to detect at least one floor position characteristic and an evaluation unit (50) which is provided to evaluate the floor position characteristic for generating a floor signal (54). According to the invention the sensor unit (18) comprises at least one second Hall sensor (46) and the evaluation unit (50) is provided to evaluate at least two floor position characteristics for generating the floor signal (54).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2012

(21) Application No.6302/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FAKE FINGER ASSESSMENT DEVICE

(51) International classification :G06T1/00
(31) Priority Document No :2009-290187
(32) Priority Date :22/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/070781
Filing Date :22/11/2010
(87) International Publication No :WO 2011/077879 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)MONDEN Akira**

(57) Abstract :
Disclosed is a fake finger assessment device wherein fake finger assessment technology is capable of improving assessment precision for a fake finger. The fake finger assessment device is provided with an acquisition means for acquiring line width information related to a line width of a ridge or a line width of a valley for a finger as an object to be assessed and an assessment means for assessing whether the finger as the object to be assessed is a real finger or a fake finger on the basis of the line width information.

No. of Pages : 41 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2012

(21) Application No.6303/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CATALYTIC SYSTEMS FOR CONTINUOUS CONVERSION OF SILICON TETRACHLORIDE TO TRICHLOROSILANE

(51) International classification :B01J12/00,C01B33/107,B01J19/24
(31) Priority Document No :102010000980.6
(32) Priority Date :18/01/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/069920
Filing Date :16/12/2010
(87) International Publication No :WO 2011/085900 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)STOCHNIOL Guido**
**2)MLLER Thomas**
**3)PAULI Ingo**

(57) Abstract :
The invention relates to an improved method for converting silicon tetrachloride having hydrogen in a hydrodechlorination reactor comprising a catalyst. The invention further relates to a catalytic system for such a hydrodechlorination reactor.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/07/2012

(21) Application No.6582/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CONTEXTUAL QUERIES

(51) International classification :G06F17/30
(31) Priority Document No :12/700985
(32) Priority Date :05/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/021210
Filing Date :13/01/2011
(87) International Publication No :WO 2011/097057
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)SRIKANTH Munirathnam**
**2)VADDADI Phani**
**3)NAJM Tarek**

(57) Abstract :
Systems methods and computer storage media for generating contextual queries are provided. The system includes a search engine to receive user queries and contexts a query understanding component to generate a semantic representation of the query and a data source command generator to transform the semantic representation into commands for multiple data sources. The data source command generator is connected to the query understanding component. The data source command generator selects data source commands based on lexical information associated with each data source.

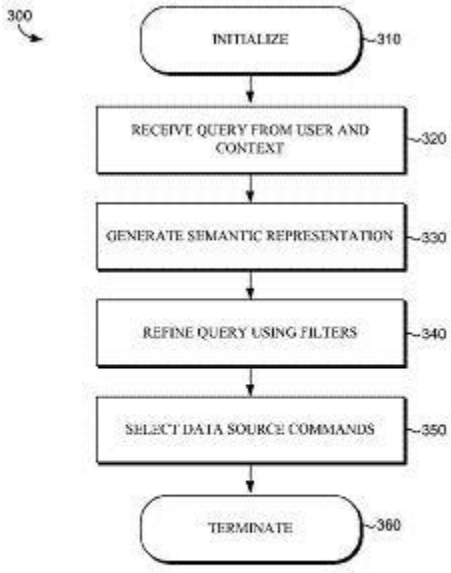



FIG. 3

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2012

(21) Application No.6261/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : LIGHTING DEVICE, DISPLAY DEVICE, AND TELEVISION RECEIVER

(51) International classification :F21S2/00,F21Y101/02
(31) Priority Document No :2010-008262
(32) Priority Date :18/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/071882
Filing Date :07/12/2010
(87) International Publication No :WO 2011/086789 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)KASAI Nobuhiro**

(57) Abstract :
Disclosed is a lighting device wherein unevenness in brightness can be alleviated. The lighting device is provided with: a light source device (U) comprised of a plurality of light source pairs (P) arranged along a center line (Lc) thereof said light source pair (P) comprising a pair of LEDs (45) located at positions with an equal distance from the center line (Lc) and arranged so as to have the lighting axes (C) thereof opposed to each other; a plurality of light guiding blocks (31 35) that are installed corresponding to each of the light source pairs (P) and arranged in between each of the light source pairs (P) so as to have both the end faces (E) of the light guiding blocks (31 35) in the longitudinal direction thereof face the LEDs (45); a chassis (60) that houses the light source device (U) and the plurality of light guiding blocks (31 35); and positioning sections (S) for positioning the center sections in the longitudinal direction of each of the light guiding blocks (31 35) onto the center line (Lc).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2012

(21) Application No.6401/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : GUIDE DISC ASSEMBLY FOR A HEAT EXCHANGER HEAT EXCHANGER METHOD FOR PRODUCING A HEAT EXCHANGER AND FITTING OR RETROFITTING KIT FOR A HEAT EXCHANGER

(51) International classification :F28F7/02,F28F9/22,F28F21/02
(31) Priority Document No :10 2010 001 065.0
(32) Priority Date :20/01/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/050770
Filing Date :20/01/2011
(87) International Publication No :WO 2011/089189
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)FRANZ Marcus**
**2)G–TZ Sren**
**3)KOTZIAN Hans Detlef**

(57) Abstract :
The invention relates to a guide disc assembly (40) for a heat exchanger (10) to a heat exchanger (10) using a guide disc assembly (40) to a production method for a heat exchanger (10) and to a retrofitting kit for retrofitting a heat exchanger (10). The guide disc assembly (40) according to the invention comprises a plurality of guide discs (50) which are designed to guide a medium (M1 M2) flowing in the heat exchanger (10) in the heat exchanger core (20) and in the jacket region (30 ) between the heat exchanger core (20) and a jacket (30) surrounding the heat exchanger core (20) in the cross counterflow method. A respective disc (50) is designed to be clipped on the heat exchanger core (20).

No. of Pages : 46 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2012

(21) Application No.6402/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DOWNHOLE TOOL FOR BOREHOLE CLEANING OR FOR MOVING FLUID IN A BOREHOLE

(51) International classification :E21B21/00,E21B37/00,E21B43/12
(31) Priority Document No :09180566.3
(32) Priority Date :23/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/070687
Filing Date :23/12/2010
(87) International Publication No :WO 2011/076935 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)HALLUNDB†K J¸rgen**
**2)GR…B†K Peter**

(57) Abstract :
The present invention relates to a downhole tool (1) for borehole cleaning or for moving fluid in a borehole. The tool comprises a tool housing (29) a chamber inlet (6) and a chamber outlet (36) and the tool housing comprises a pump (8) arranged in a pump housing (4) and a driving unit powered by an electrical conducting means for driving the pump.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/07/2012

(21) Application No.6554/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FLAVOR ENRICHING AGENT

(51) International classification :A23L1/228,C07K5/06,C07K5/08
(31) Priority Document No :2009-297493
(32) Priority Date :28/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/073721
Filing Date :28/12/2010
(87) International Publication No :WO 2011/081185
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)MIYAMURA Naohiro**
**3)KANEKO Megumi**
**4)AMINO Yusuke**
**5)YASUDA Reiko**
**6)ETO Yuzuru**
**7)TAJIMA Takaho**

(57) Abstract :
Disclosed is a flavor enriching agent comprising a substance discovered by searching for a number of variation compounds having a CaSR agonizing activity. Said substance exhibits an improved flavor enriching action particularly with respect to initial tastes exhibits an improved stability and can be produced by a simple method at a low cost. Also disclosed is a composite flavor enriching agent comprising said substance and another substance having a CaSR agonizing activity. Specifically disclosed are a flavor enriching agent comprising Glu Nva (L glutamyl L norvaline) and a composite flavor enriching agent comprising the aforesaid substance together with another substance having a CaSR agonizing activity.

No. of Pages : 52 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2012

(21) Application No.5801/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ENHANCED AIR DISCHARGING NOZZLE

(51) International classification :B60H1/34
(31) Priority Document No :10 2010 004 021.5
(32) Priority Date :04/01/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/070643
Filing Date :23/12/2010
(87) International Publication No :WO 2011/080215 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)BENAMIRA Salah**
**3)DANGELO Marco**
**4)TIDELSKI Axel**
**5)ZELLER Kuno**
**6)FRITSCHE Uwe**
**7)WANKE Holger**

(57) Abstract :
The invention relates to an air discharging device (1) for discharging an air flow into a vehicle interior comprising a first air conducting device (15) that can be adjusted with respect to the air discharging characteristic thereof said air conducting device lying in a first air through flow region (4) of the air discharging device (1). The air discharging device also comprises a second air conducting device (17) that can be adjusted with respect to the air discharging characteristic thereof said air conducting device lying in a second air through flow region (3) of the air discharging device (1).

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2012

(21) Application No.6268/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PREPARATION OF BENDAMUSTINE AND ITS SALTS

(51) International classification :C07D 235/12
(31) Priority Document No :3167/CHE/2009
(32) Priority Date :23/12/2009
(33) Name of priority country :India
(86) International Application No :PCT/US2010/061782
Filing Date :22/12/2010
(87) International Publication No :WO/2011/079193
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)Murki Veerender**
**3)Badisa Venkat Rao**
**4)Gunda Nageshwar**

(57) Abstract :
The present application relate to processes for the preparation of bendamustine and its pharmaceutically acceptable salts.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2012

(21) Application No.6531/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : IMMUNOGENIC INFLUENZA COMPOSITION

| | |
|---|---|
| (51) International classification | :A61K39/145,C07K14/11,C12N15/44 |
| (31) Priority Document No | :61/297,762 |
| (32) Priority Date | :24/01/2010 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No<br>Filing Date | :PCT/US2011/022280<br>:24/01/2011 |
| (87) International Publication No | :WO 2011/091376 A3 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

(71)**Name of Applicant :**
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**3)LIN George**

(57) Abstract :
Methods for providing novel compositions useful as influenza immunogens are provided. The compositions enable a host response to immunogen sites normally not recognized by a host. The novel immunogens can be used as vaccines or to develop antibodies.

No. of Pages : 96 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2012

(21) Application No.6532/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CATALYTIC REACTOR TREATMENT PROCESS

(51) International classification :C10G2/00,B01J37/02,B01J37/12
(31) Priority Document No :1001144.3
(32) Priority Date :25/01/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/050105
Filing Date :24/01/2011
(87) International Publication No :WO 2011/089440 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)MAXTED Neil**

(57) Abstract :
An activation process for a Fischer Tropsch catalyst is described. The process comprises a first reduction step; an oxidation step; the introduction of the catalyst into a Fischer Tropsch reactor; and a second reduction step.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2012

(21) Application No.6534/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : NEGATIVE PHOTOSENSITIVE RESIN COMPOSITION PATTERN FORMATION METHOD AND LIQUID DISCHARGE HEAD

(51) International classification :G03F7/004,B41J2/05,B41J2/16
(31) Priority Document No :2010-024682
(32) Priority Date :05/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/052204
Filing Date :27/01/2011
(87) International Publication No :WO 2011/096458 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)SHIMOMURA Masako**

(57) Abstract :
A photosensitive resin composition includes a cationically polymerizable compound, a photoacid generating agent having an anion portion and a cation portion and a salt having a cation portion having either one of a quaternary ammonium structure and a quaternary phosphonium structure and an anion portion wherein the anion portion of the salt is exchanged with the anion portion of a first acid derived from the anion portion of the photoacid generating agent to form a second acid having acid strength that is lower than acid strength of the first acid.

No. of Pages : 58 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2012

(21) Application No.6102/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PREPREGS FOR MANUFACTURING COMPOSITE MATERIALS

(51) International classification :C08J5/24
(31) Priority Document No :0921802.5
(32) Priority Date :14/12/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2010/069425
Filing Date :10/12/2010
(87) International Publication No :WO 2011/073111 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)HAYES Barrie**

(57) Abstract :
A prepreg comprising a fibrous material contacting a polymerisable resin at least 50 wt% of the polymerisable resin comprising at least one polymerisable monomer having at least two carbon carbon unsaturated functional groups the monomer being polymerisable by reaction of the unsaturated functional groups to form a cured resin wherein the resin has a heat of polymerization of less than 230 KJ/kg to provide a maximum increase in temperature of the prepreg of 60°C during polymerisation under adiabatic conditions.

No. of Pages : 70 No. of Claims : 76

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2012

(21) Application No.6103/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : VOLUME HOLOGRAM SHEET TO BE EMBEDDED FORGERY PREVENTION PAPER AND CARD

(51) International classification :G03H1/18,B42D15/10,G03H1/02
(31) Priority Document No :2010009417
(32) Priority Date :19/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/050765
Filing Date :18/01/2011
(87) International Publication No :WO 2011/090030 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
An object of the present invention is to provide a thin volume hologram sheet to be embedded sufficiently resistant to a mechanical stress such as a stress including a tensile stress, a shear stress and a compression stress at the time of processing even under a heating condition, a forgery prevention paper and a card using the same. The object is achieved by providing a volume hologram sheet to be embedded comprising a volume hologram layer, and a substrate disposed only on one side surface of the volume hologram layer using an adhesion means, wherein a peeling strength of the volume hologram layer and the substrate is 25 gf/25 mm or more.

No. of Pages : 81 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2012

(21) Application No.6234/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR PRODUCING PROPYLENE OXIDE

(51) International classification :C07D301/10,B01J23/50,C07B61/00
(31) Priority Document No :2009-287725
(32) Priority Date :18/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/072309
Filing Date :06/12/2010
(87) International Publication No :WO 2011/074508
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)KANO Hirotsugu**
**3)CORMA Avelino**

(57) Abstract :
The present invention relates to a method for producing propylene oxide comprising a step of bringing propylene oxygen and a silver catalyst into contact with each other in the presence of water wherein the silver catalyst is a catalyst prepared from (a) metallic silver a silver compound or a mixture thereof (b) phosphorus a phosphorus containing compound or a mixture thereof and (c) a carrier.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2012
(21) Application No.5789/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : APPARATUSES SYSTEMS METHODS AND COMPUTER READABLE MEDIA FOR ACOUSTIC FLOW CYTOMETRY

(51) International classification :G01N35/08,G01N33/483
(31) Priority Document No :61/266,907
(32) Priority Date :04/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/058242
Filing Date :29/11/2010
(87) International Publication No :WO 2011/068764 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**4)PARKER Andrew Thomas George**

(57) Abstract :
A flow cytometer includes a capillary having a sample channel; at least one vibration producing transducer coupled to the capillary the at least one vibration producing transducer being configured to produce an acoustic signal inducing acoustic radiation pressure within the sample channel to acoustically concentrate particles flowing within a fluid sample stream in the sample channel; and an interrogation source having a violet laser and a blue laser the violet and blue lasers being configured to interact with at least some of the acoustically concentrated particles to produce an output signal.

No. of Pages : 88 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2012

(21) Application No.6123/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ANTITHROMBOTIC NANOPARTICLE

(51) International classification :A61K9/14
(31) Priority Document No :61/287582
(32) Priority Date :17/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/061103
Filing Date :17/12/2010
(87) International Publication No :WO 2011/084700 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)WICKLINE Samuel A.**

(57) Abstract :
The present invention encompasses an antithrombotic nanoparticle.

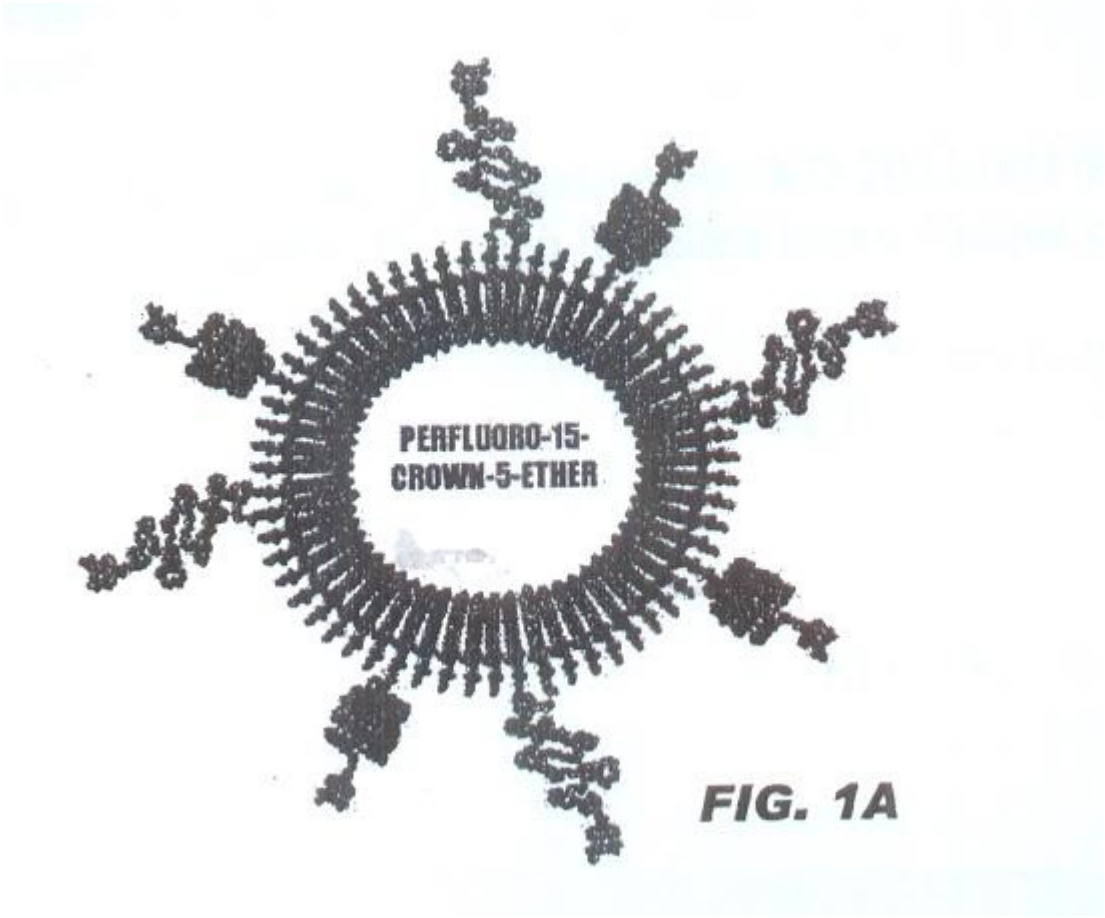



FIG. 1A

No. of Pages : 63 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2012

(21) Application No.6124/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : TRICYCLIC HETEROCYCLIC COMPOUNDS COMPOSITIONS AND METHODS OF USE THEREOF

| | |
|---|---|
| (51) International classification | :C07D471/14,C07D487/10,A61K31/437 |
| (31) Priority Document No | :61/294404 |
| (32) Priority Date | :12/01/2010 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No<br>Filing Date | :PCT/EP2011/050239<br>:11/01/2011 |
| (87) International Publication No | :WO 2011/086053 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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**6)GRADL Stefan**
**7)HANAN Emily**
**8)HURLEY Christopher**
**9)JOHNSON Tony**
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**11)KULAGOWSKI Janusz Josef**
**12)LABADIE Sharada Shenvi**
**13)LYSSIKATOS Joseph P.**
**14)MENDONCA Rohan**
**15)PULK Rebecca**
**16)WARD Stuart**
**17)WASZKOWYCZ Bohdan**
**18)ZAK Mark**

(57) Abstract :
123The invention provides novel compounds of formula (I) having the general formula wherein R R R X and Y are as described herein. Accordingly the compounds may be provided in pharmaceutically acceptable compositions and used for the treatment of immunological or hyperproliferative disorders.

No. of Pages : 816 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2012

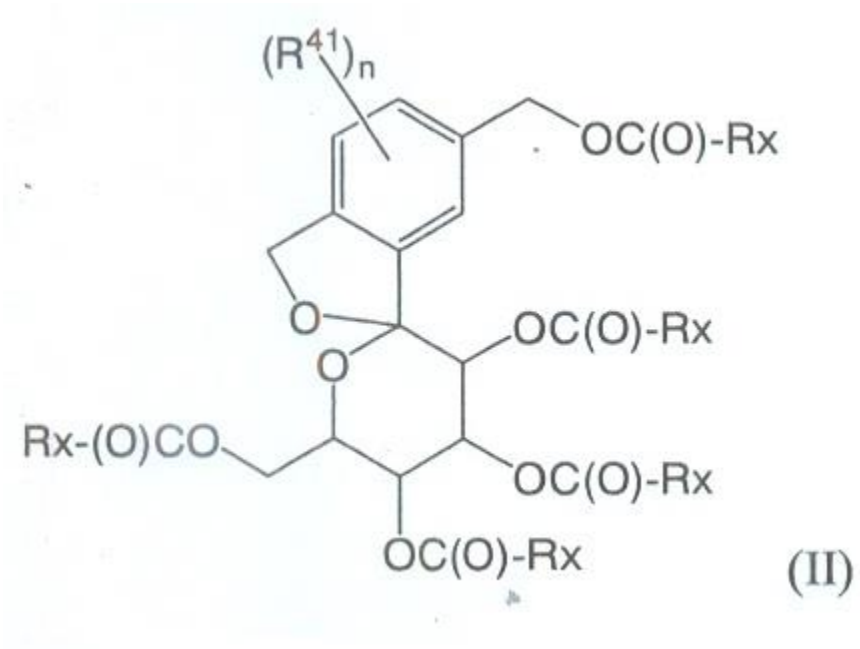
(21) Application No.6253/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PROCESS FOR PREPARATION OF SPIROKETAL DERIVATIVE

(51) International classification :C07H19/01,A61K31/7048,A61P3/10
(31) Priority Document No :2009287713
(32) Priority Date :18/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/072791
Filing Date :17/12/2010
(87) International Publication No :WO 2011/074675 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**5)KIMURA Nobuaki**
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**7)YAMAMOTO Keisuke**
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**9)NISHIMOTO Masahiro**
**10)OHTAKE Yoshihito**
**11)EMURA Takashi**
**12)KITO Yasushi**

(57) Abstract :
Provided is a process for the preparation of a spiroketal derivative via a compound represented by general formula (II) [wherein each variable group and each variable number are as defined in the description].




(II)

No. of Pages : 65 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2012

(21) Application No.6519/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SWITCH INTEGRATED LED LAMP DEVICE

(51) International classification :B60Q3/02,H01H15/02
(31) Priority Document No :2010-012896
(32) Priority Date :25/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/051227
Filing Date :24/01/2011
(87) International Publication No :WO 2011/090198 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Disclosed is a switch integrated LED lamp device including an LED body that can be smoothly and reliably turned on/off using a sliding switch structure while an increase in the number of parts or complication of the structure is suppressed and at the same time capable of improving reliability of the electrical connection between the LED body and busbars. Specifically disclosed is a switch integrated LED lamp device (1) which comprises a sliding switch knob (2); an LED body (3) held by the switch knob; a cover (4) having an opening (21) through which the switch knob is exposed so as to be slidable; busbars (5 to 7) that are brought into contact with terminal portions (11) of the LED body; and an insulating housing (8) that fixes the busbars. The switch knob is provided with a pair of front and rear spring portions (17) that push the LED body against the busbars. The LED body (3) is held between a pair of right and left limiting ribs (16) of the switch knob (2) and pushed against the busbars by the spring portions.

No. of Pages : 29 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2012

(21) Application No.6305/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CROSSLINKABLE ACRYLATE ADHESIVE POLYMER COMPOSITION

(51) International classification :C09J133/00
(31) Priority Document No :201010004903.9
(32) Priority Date :20/01/2010
(33) Name of priority country :China
(86) International Application No :PCT/US2011/021650
Filing Date :19/01/2011
(87) International Publication No :WO 2011/090984 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)KREPSKI Larry R.**
**4)ZHU Peiwang**
**5)GADDAM Babu N.**
**6)XIE Dang**
**7)ZHANG Wen Jie**
**8)WU Qing**

(57) Abstract :
A pre adhesive syrup copolymer composition comprising an acid functional acrylate solute copolymer a monomer solvent mixture and a polyaziridine crosslinking agent is disclosed.

No. of Pages : 34 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2012

(21) Application No.5927/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MOISTURE RESISTANT PHOTOVOLTAIC DEVICES WITH ELASTOMERIC POLYSILOXANE PROTECTION LAYER

| | |
|---|---|
| (51) International classification | :H01L31/0203,H01L31/048,H01L51/44 |
| (31) Priority Document No | :61/292,646 |
| (32) Priority Date | :06/01/2010 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No<br>Filing Date | :PCT/US2010/061584<br>:21/12/2010 |
| (87) International Publication No | :WO 2011/084806 A1 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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**2)BOVEN Michelle L.**
**3)LYSENKO Zenon**
**4)MILLS Michael E.**
**5)LOPEZ Leonardo C.**

(57) Abstract :
Improved protection systems for CIGS based microelectronic devices of the type incorporating electric conductor(s) such as an electronic collection grid. In one aspect the present invention relates to a photovoltaic device having a light incident surface and a backside surface. The device includes a chalcogenide containing photovoltaic layer comprising at least one of copper indium and/or gallium. A transparent conductive layer is interposed between the photovoltaic layer and the light incident surface wherein the transparent conductive layer is electrically coupled to the photovoltaic layer. An electronic collection grid is electrically coupled to the transparent conductive layer and overlying at least a portion of the transparent conductive layer. An elastomeric structure having a light incident surface said structure overlying at least portions of the electronic collection grid and the transparent conductive layer in a manner such that the light incident surface of the elastomeric structure is spaced apart from a major portion of the conductor and wherein the elastomeric structure comprises an elastomeric siloxane polymer having a WVTR of at least 0.1 g/m2 day. An optional protective barrier overlies the elastomeric structure. The protection systems of the invention incorporate elastomers with water vapor transmission rates that are atypically high in the context of CIGS based devices.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2012

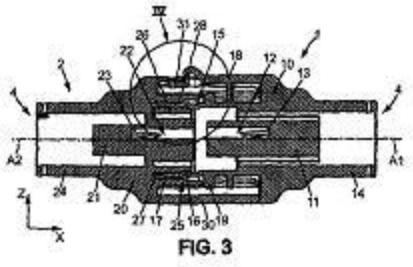
(21) Application No.6422/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CONNECTOR ASSEMBLY

(51) International classification :H01R13/52
(31) Priority Document No :PCT/IB2009/056062
(32) Priority Date :24/12/2009
(33) Name of priority country :PCT
(86) International Application No :PCT/EP2010/069486
Filing Date :13/12/2010
(87) International Publication No :WO 2011/076601 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)HERNANDEZ, STEPHANE**
**2)CAMPFORT, CHRISTIAN**
**3)BERTHELOT, EDWARD**

(57) Abstract :
Abstract: Connector assembly comprising first (1) and second (2) connectors con)rising respectively first (10) and second (20) casings, the first casing (10) having one of a male mating portion (17, 26) and a female mating portion (28,16) adapted to re¬ceive said mate mating portion (17, 26), the second casing (20) having the other of the male mating portion (17, 26) and the fe¬male mating portion (28, 16), where in the first casing (10) presents one of an external mating surface arranged on said male mat¬ing portion (17, 26) and an internal mating surface arranged on said female mating portion (28,16), the second casing (20) pre¬senting the other of the external mating surface and the internal mating surface, said male and female mating portions being con¬figured to provide an interference fitting and a tubular sealing interface, in which the external and internal mating surfaces are in direct tight contact.


FIG. 3

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/07/2012

(21) Application No.6426/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MODIFIED BOVINE SOMATOTROPIN POLYPEPTIDES AND THEIR USES

(51) International classification :C07K14/475
(31) Priority Document No :61/288764
(32) Priority Date :21/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/061669
Filing Date :21/12/2010
(87) International Publication No :WO 2011/087808 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)AMBRX INC.**
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**1)PUTNAM Anna Maria A. Hays**

(57) Abstract :
Modified bovine somatotropin polypeptides and uses thereof are provided.

No. of Pages : 322 No. of Claims : 104

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/07/2012

(21) Application No.6565/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MAPPING BETWEEN REGISTERS USED BY MULTIPLE INSTRUCTION SETS

(51) International classification :G06F 9/30
(31) Priority Document No :1004293.5
(32) Priority Date :15/03/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/050306
Filing Date :16/02/2011
(87) International Publication No :WO/2011/114121
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)RICHARD ROY GRISENTHWAITE**
**2)DAVID JAMES SEAL**

(57) Abstract :
SEE THE WIPO

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/06/2012

(21) Application No.5613/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : BUILDING ELEMENTS AND BUILDING SYSTEM USING SUCH ELEMENTS

(51) International classification :E04B2/18
(31) Priority Document No :09180822.0
(32) Priority Date :28/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/055457
Filing Date :26/11/2010
(87) International Publication No :WO 2011/080619 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :JAROHNEVICE, 57, 768 01, JAROHNEVICE (KROMERIZ) Czech Republic
(72)**Name of Inventor :**
**1)GIORIO, GIORGIO**

(57) Abstract :
A building element (lA, IB) in the form of hollow brick having a plane major face (2) and dovetailed projections (5) on the opposite major face (3) for slotting together with similar building elements (lA, IB) for the construction of masonry structures. The building element (lA, IB) has internal through cavities (6) for housing of operative connections of distribution systems and the like, arranged according to an array parallel to said plane major face (2) , which is formed with references (9) for identification from outside of each through cavity (6). Fig: 1.

No. of Pages : 48 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2012

(21) Application No.5849/CHENP/2012 A
(43) Publication Date : 04/12/2015

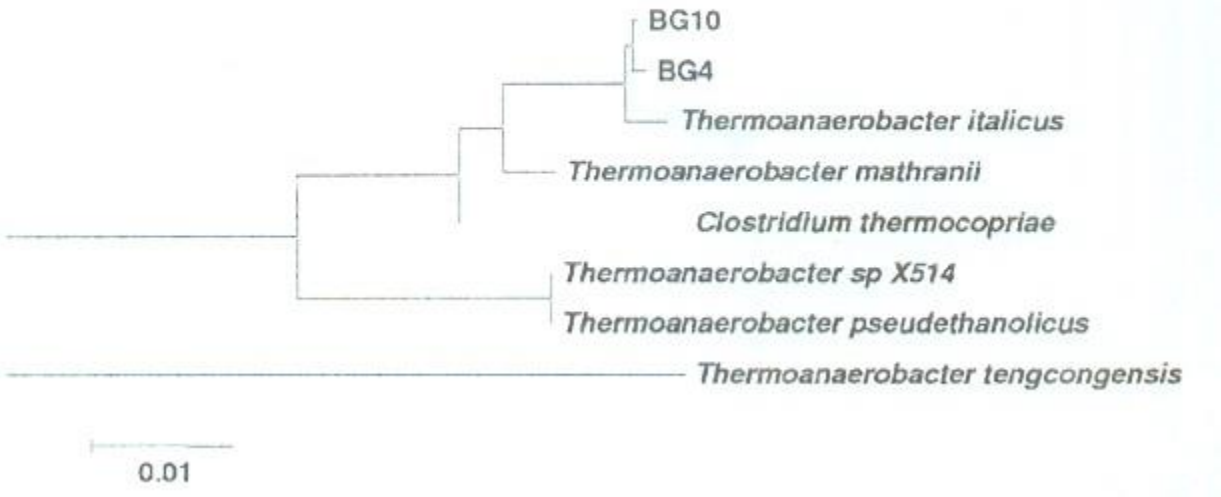
(54) Title of the invention : THERMOPHILIC *THERMOANAEROBACTER ITALICUS* SUBSP. *MARATO* HAVING HIGH ALCOHOL PRODUCTIVITY

(51) International classification :C12N1/20,C12N1/21,C12P7/06
(31) Priority Document No :PA 2009 70297
(32) Priority Date :22/12/2009
(33) Name of priority country :Denmark
(86) International Application No :PCT/EP2010/070390
Filing Date :21/12/2010
(87) International Publication No :WO 2011/076797 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)KVIST Thomas**
**2)MIKKELSEN Marie Just**
**3)ANDERSEN Rasmus Lund**

(57) Abstract :
ThermoanaerobacteritalicusmaratoStrict anaerobic thermophilic bacterium belonging to the group of subsp. subsp. nov. and mutants and derivatives thereof. The bacterium is particularly suitable for the production of fermentation products such as ethanol lactic acid acetic acid and hydrogen from lignocellulosic biomass.

FIGURE 1




No. of Pages : 36 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2012

(21) Application No.5960/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : APPARATUS AND METHOD FOR RELAY TRANSITION TIME

(51) International classification :HO4B 7/26
(31) Priority Document No :61/294,082
(32) Priority Date :11/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/020888
Filing Date :11/01/2011
(87) International Publication No :WO/2011/085396
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**4)PARAG ARUN AGASHE**
**5)AAMOD DINKAR KHANDEKAR**
**6)JUAN MONTOJO**

(57) Abstract :
See the WIPO

No. of Pages : 43 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2012

(21) Application No.5956/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : RADIO BASE STATION APPARATUS MOBILE TERMINAL APPARATUS AND WIRELESS COMMUNICATION METHOD

(51) International classification :H04W28/06,H04B7/06,H04B7/10
(31) Priority Document No :2010-008139
(32) Priority Date :18/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/050408
Filing Date :13/01/2011
(87) International Publication No :WO 2011/087042 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)MIKI Nobuhiko**
**2)TAOKA Hidekazu**

(57) Abstract :
Provided are a radio base station apparatus a mobile terminal apparatus and a wireless communication method whereby when a transmission diversity is applied in a fallback mode in an LTE A system the fallback mode can exhibit a high efficiency. According to the wireless communication method: in the radio base station apparatus in a fallback mode a scheduling for the fallback mode is established with the structure of a reference signal taken into account and a transmission diversity of an open loop control is used to transmit transport signals after the establishment of the scheduling; and in the mobile terminal apparatus the downlink signal including mode information is received and in a fallback mode a channel estimation for the fallback mode is performed based on the mode information and a resultant channel estimation value is used to demodulate the downlink signal.

No. of Pages : 54 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/07/2012

(21) Application No.6172/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : BASE OIL FOR COOLING OF DEVICE DEVICE COOLING OIL CONTAINING THE BASE OIL DEVICE TO BE COOLED BY THE COOLING OIL AND DEVICE COOLING METHOD USING THE COOLING OIL

| | |
|---|---|
| (51) International classification | :C10M105/36,C10M105/18,C10N20/00 |
| (31) Priority Document No | :2009297781 |
| (32) Priority Date | :28/12/2009 |
| (33) Name of priority country | :Japan |
| (86) International Application No<br>Filing Date | :PCT/JP2010/071817<br>:06/12/2010 |
| (87) International Publication No | :WO 2011/080991 A1 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)TSUBOUCHI Toshiyuki**

(57) Abstract :
2Disclosed is a base oil for cooling a device which contains 30 mass% or more of at least one compound selected from an oleyl ester (an oleic acid ester and an oleyl alcohol ester) and an oleyl ether wherein each of the oleyl ester and the oleyl ether has a terminal methyl group a methylene group and an ether group in the total number of 23 or more in the main chain thereof the total number of methyl branches and ethyl branches in the oleyl ester and the oleyl ether is 1 or less and the kinematic viscosity of the base oil is 4 to 30 mm/s or less at 40°C. A device cooling oil containing the base oil has excellent electrical insulation properties and excellent heat conductivity and is therefore suitable for cooling a motor a battery an inverter an engine an electric cell or the like in an electric powered car or a hybrid car.

No. of Pages : 52 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2012

(21) Application No.6046/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MANNOSE DERIVATIVES AS ANTAGONISTS OF BACTERIAL ADHESION

(51) International classification :C07H15/18,C07H15/26,A61K31/7034
(31) Priority Document No :09179007.1
(32) Priority Date :14/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/069436
Filing Date :13/12/2010
(87) International Publication No :WO 2011/073112 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)ERNST Beat**
**2)HEROLD Janno**

(57) Abstract :
Compounds of the formula (I) wherein n is 0 1 or 2 R is aryl heteroaryl or heterocyclyl and R and R are hydrogen or a substituent as described in the specification are useful for the prevention and treatment of bacterial infections in particular of urinary infections caused by E.coli

No. of Pages : 114 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2012

(21) Application No.6048/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COMPOSITION CONTAINING OXIDES OF ZIRCONIUM CERIUM AND ANOTHER RARE EARTH HAVING REDUCED MAXIMAL REDUCIBILITY TEMPERATURE AND METHOD FOR PREPARING AND USING SAME IN THE FIELD OF CATALYSIS

| | |
|---|---|
| (51) International classification | :C01G25/00,B01D53/94,B01J21/06 |
| (31) Priority Document No | :1000087 |
| (32) Priority Date | :11/01/2010 |
| (33) Name of priority country | :France |
| (86) International Application No<br>Filing Date | :PCT/EP2011/050206<br>:10/01/2011 |
| (87) International Publication No | :WO 2011/083157 A1 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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**2)ROHART Emmanuel**
**3)HERNANDEZ Julien**
**4)DENAIRE Stphane**

(57) Abstract :
The invention relates to a composition containing oxides of zirconium cerium and another rare earth different from cerium having a cerium oxide content not exceeding 50 wt% and after calcination at 1000°C for 6 hours a maximal reducibility temperature not exceeding 500°C and a specific surface of at least 45 m/g. The composition is prepared according to a method that comprises continuously reacting a mixture containing compounds of zirconium cerium and another rare earth having a basic compound for a residence time not exceeding 100 milliseconds wherein the precipitate is heated and contacted with a surfactant before calcination.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/07/2012
(21) Application No.6168/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MULTIMEDIA CABLE

(51) International classification :H01B11/00,H04N5/44
(31) Priority Document No :61/292376
(32) Priority Date :05/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/020251
Filing Date :05/01/2011
(87) International Publication No :WO 2011/085021
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)MASAKAZU Yoshida**
**2)KWAN Terence Chan Yuk**

(57) Abstract :
A multimedia cable particularly one designed to carry digital signals in accordance with an HDMI standard which comprises two or more concentric rings of conductor cores arranged about a central conductor core.

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/07/2012

(21) Application No.6574/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SOLID CONTAINING GLUTAMIC ACID N N DIACETIC ACID (GLDA) OR A DERIVATIVE THEREFROM AND METHOD FOR THE PRODUCTION THEREOF

| | |
|---|---|
| (51) International classification | :C11D3/33,C11D11/00,C11D17/00 |
| (31) Priority Document No | :10 2009 060 814.1 |
| (32) Priority Date | :30/12/2009 |
| (33) Name of priority country | :Germany |
| (86) International Application No<br>Filing Date | :PCT/EP2010/007946<br>:27/12/2010 |
| (87) International Publication No | :WO 2011/079940 A1 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

(71)**Name of Applicant :**
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**1)BARANYAI Andreas**

(57) Abstract :
The invention relates to a solid with sufficiently reduced hygrosyopicity containing a core and an enveloping and containing the glutamic acid N N diacetic acid (GLDA) or derivatives and/or salts therefrom in the core in addition to a method for the production thereof. The invention also relates to solid washing and cleaning agents.

No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2012

(21) Application No.6469/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : NITRIDING PROCESS FOR MARAGING STEEL

(51) International classification :C23C8/26,C21D1/06,C22C38/00
(31) Priority Document No :2009-295131
(32) Priority Date :25/12/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/071924
Filing Date :07/12/2010
(87) International Publication No :WO 2011/077945 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)TAKAGAKI Masashi**
**2)MASE Hiroaki**
**3)Narita Naoki**

(57) Abstract :
Provided is a nitriding process for maraging steel by which the compressive residual stress of maraging steel can be enhanced. On the surface of a work of maraging steel part of the titanium solid soluted in the work is oxidized with oxygen to form titanium oxide (TiO) on the surface of the work positively whereby the concentration of titanium oxide on the surface is enhanced (solution treatment step); since titanium present in the form of an oxide does not react with nitrogen in a nitriding step the resulting work is subjected to sufficient reduction pretreatment prior to a nitriding step to conduct the removal of oxygen; thus the surface concentration of titanium present in an active state is enhanced; and then the work thus pretreated is subjected to nitriding whereby the reduced titanium and the solid soluted titanium are bonded to nitrogen to form titanium nitride (TiN). In this nitriding step the titanium present in the work is in an active state and therefore can be easily nitrided. Further the surface concentration of titanium present in an active state is high so that much nitrogen can penetrate into the work.

No. of Pages : 15 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/06/2012

(21) Application No.4885/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ADAPTABLE MEDICAL WORKFLOW SYSTEM

(51) International classification :G06Q 50/00
(31) Priority Document No :12/644,919
(32) Priority Date :22/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/060860
Filing Date :16/12/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)TREMBLAY Jean-Sebastien**
**2)DUMONT Sebastien**
**3)DUFOUR Ali**
**4)LAGACE Jean-Francois**

(57) Abstract :
Examples of systems and methods are provided for adapting a medical workflow implemented at a computer coupled to a hospital network including receiving a message comprising medical information data predicting a healthcare worker™s workflow using at least in part the medical information data; communicating based on the predicted workflow a menu comprising one or more medical action options for displaying to the healthcare worker. FIG. 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2012

(21) Application No.5492/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : INTERACTION BETWEEN ACCUMULATIVE POWER CONTROL AND MINIMUM/MAXIMUM TRANSMIT POWER IN LTE SYSTEMS

(51) International classification :H04W52/26
(31) Priority Document No :61/291,332
(32) Priority Date :30/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/062012
Filing Date :23/12/2010
(87) International Publication No :WO 2011/082105 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**4)TAESANG YOO**
**5)XILIANG LUO**
**6)TAO LUO**
**7)YONGBIN WEI**
**8)NAGA BHUSHAN**

(57) Abstract :
Methods and apparatus in a wireless communication system are described for receiving and processing transmit power control commands, where, for example, the response to the transmit power control commands is conditionally decoupled from at least one of a transmit bandwidth parameter, a transport format parameter and a power stepsize limit. This Abstract is provided for the sole purpose of complying with the Abstract requirement rules that allow a reader to quickly ascertain the disclosed subject matter. Therefore, it is to be understood that it should not be used to interpret or limit the scope or the meaning of the claims.

No. of Pages : 76 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2012

(21) Application No.5965/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : BLOOD DRAW DEVICE WITH RETRACTABLE NEEDLE

(51) International classification :A61B5/15
(31) Priority Document No :61/293,064
(32) Priority Date :07/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/062373
Filing Date :29/12/2010
(87) International Publication No :WO 2011/100039 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)SHAW Thomas J.**
**2)SMALL Mark**
**3)ZHU Ni**

(57) Abstract :
The Invention comprises a body an actuator pivotally connected to the body and a retractable needle adapted to provide fluid communication between a patient and a fluid collection tube typically a blood collection tube attachable to the device. A significant feature of the subject device is a retraction cavity disposed inside the actuator that is manually positionable to receive a portion of the needle retraction assembly following removal of the blood collection tube. Retraction is initiated by depressing the forwardly extending end of the actuator relative to the body thereby causing a retainer clip to release the needle holder after which the needle holder and a part of the needle are propelled into the retraction cavity by expansion of a compressed spring. The needle is thereby withdrawn from the patient and into the housing reducing the likelihood of accidental needle sticks and preventing reuse of the device.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2012

(21) Application No.6350/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR HOT ROLLING A SLAB AND HOT ROLLING MILL

(51) International classification :B21B45/02
(31) Priority Document No :10 2009 060 256.9
(32) Priority Date :23/12/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/068904
Filing Date :06/12/2010
(87) International Publication No :WO 2011/076544
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)BERCHEM Klaus**
**2)SCHUSTER Ingo**
**3)SCHMIDT Dirk**

(57) Abstract :
The invention relates to a method for hot rolling a slab (1) especially a steel slab the slab (1) being subjected to at least two shaping steps at different temperatures in a hot rolling mill (2) the slab (1) being cooled between two such shaping steps. In order to prevent ferrite from forming too soon during the hot rolling the slab (1) is cooled such that the lateral end sections (3 4) of the slab (1) are cooled with a lower cooling efficiency than a center section (5) of the slab (1). The invention further relates to a hot rolling mill (2) for hot rolling a slab.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2012

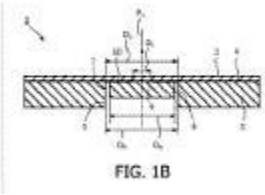
(21) Application No.6373/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A METHOD OF PRODUCING A DEVICE COMPRISING AT LEAST ONE DISPLACEABLE OPERATING MEMBER AS WELL AS SUCH A DEVICE

(51) International classification :B29C 45/14
(31) Priority Document No :10151570.8
(32) Priority Date :25/01/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/050255
Filing Date :20/01/2011
(87) International Publication No :WO/2011/089560
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)LI Nan**
**2)DE VRIES Bartele Hendrik**
**3)ZWARTS Gregorius**

(57) Abstract :
A method of producing a device comprises at least one displaceable operating member wherein a foil (2) is placed into a mould and at least one polymer is injected into the mould to form a housing wall (3) adhering to the foil (2). The displaceable operating member comprises at least a flexible part of the foil (2) extending over a hole (5) in the housing wall (3). The foil is inserted into the mould after which said polymer is injected into the mould to form the housing wall (3) with the hole and to form a support element (6) located in the hole (5). A gap (7) is provided between the support element (6) and the housing wall (3). Fig.1B


FIG. 1B

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2012

(21) Application No.6374/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : INTERACTIVE LIGHTING CONTROL SYSTEM AND METHOD

(51) International classification :H05B 37/02
(31) Priority Document No :10152035.1
(32) Priority Date :29/01/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/050226
Filing Date :19/01/2011
(87) International Publication No :WO/2011/092609
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)ENGELEN Dirk Velentinus Rene**
**2)KESSELS Angelique Carin Johanna Maria**

(57) Abstract :
Interactive lighting control system (and method) for controlling and creating of light effects such as the tuning of light scenes based on location indication received from an input device. A basic idea of the claimed system is to provide an interactive lighting control by combining a location indication with a light effect driven approach in lighting control in order to improve the creating of light effects such as the tuning of light scenes especially with large and diverse lighting infrastructures. The claimed interactive lighting control system (10) comprises - an interface (12) for receiving data (14) indicating a real location (16) in a real environment from an input device (18) which is adapted to detect a location in the real environment by pointing to the location and for receiving data related to a light effect (32) desired at the real location Fig.1

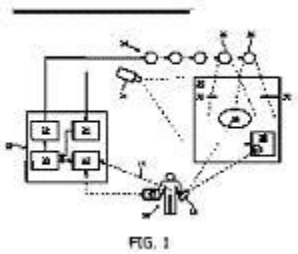


FIG. 1

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2012

(21) Application No.6378/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR ROLLING STRIP SHAPED ROLLING STOCK IN PARTICULAR METAL STRIP

(51) International classification :B21B1/36
(31) Priority Document No :10 2009 060 259.3
(32) Priority Date :23/12/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/069422
Filing Date :10/12/2010
(87) International Publication No :WO 2011/076592
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)DENKER Wolfgang**

(57) Abstract :
The invention relates to a method for rolling strip shaped rolling stock in particular metal strip. This method is characterised substantially by the following procedure: the metal strip A exiting the pickling line passes through the two roll stands (3 4) of the reversing roll stand wherein the start of a subsequent metal strip B has already been welded to the strip end of the metal strip A before entering the pickling line (5) said start of the metal strip B is then rolled as well specifically over a length corresponding to the wind on length until tension is built up on the reel and likewise runs on the reversing reel (1) during the subsequent reversing the metal strip B is separated from the metal strip A such that the already rolled start of the metal strip B remains on the still unrolled remaining metal strip B then the complete metal strip A is reverse rolled.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2012

(21) Application No.6249/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COSMETIC BASE MATERIAL AND COSMETIC CONTAINING SAID COSMETIC BASE MATERIAL

(51) International classification :A61K8/64,A61K8/40,A61K8/42
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2011/059045
Filing Date :12/04/2011
(87) International Publication No:WO 2012/140725
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)KOBAYASHI Eriko**
**3)KASAHARA Yoshihito**
**4)INAGAKI Junji**
**5)TOKANO Takao**
**6)NAKAMURA Sayaka**

(57) Abstract :
[Problem] To provide: a cosmetic base material which can hydrophobize the surface of hair that is damaged and therefore loses hydrophobicity of the surface thereof and is deteriorated in functional properties and which can impart flexibility moisture retaining properties smoothness and gloss to hair; and a cosmetic which contains the cosmetic base material. [Solution] A cosmetic base material characterized by comprising a peptide or a peptide derivative each containing an acidic amino acid as a constituent amino acid wherein at least a part of anionic functional groups forms an ion complex with at least one surfactant selected from the group consisting of cationic surfactants and amphoteric surfactants; and a cosmetic containing the cosmetic base material.

No. of Pages : 74 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2012

(21) Application No.6525/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR REMOVING CALCIUM MATERIAL FROM SUBSTRATES

(51) International classification :B01J38/62,B01J38/64,B01J38/66
(31) Priority Document No :12/650,037
(32) Priority Date :30/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/047766
Filing Date :03/09/2010
(87) International Publication No :WO 2011/090513 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**2)PATEL Nagesh**

(57) Abstract :
This invention is directed to a method for removing calcium material from a substrate or catalytic converter In particular this invention is directed to a method for removing calcium material particularly in the form of calcium containing fly ash from a substrate using a partially protonated or non protonated polycarboxyhc acid treatment material.

No. of Pages : 19 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2012

(21) Application No.6526/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR MANUFACTURING A LITHIUM COMPLEX METAL OXIDE

| | |
|---|---|
| (51) International classification | :C01G53/00,H01M4/505,H01M4/525 |
| (31) Priority Document No | :2009-298534 |
| (32) Priority Date | :28/12/2009 |
| (33) Name of priority country | :Japan |
| (86) International Application No<br>Filing Date | :PCT/JP2010/073876<br>:24/12/2010 |
| (87) International Publication No | :WO 2011/081216 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

(71)**Name of Applicant :**
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**2)MATSUSHITA Ryuji**
**3)SHIMANO Satoshi**

(57) Abstract :
Provided is a method for manufacturing a lithium complex metal oxide. In said method a lithium compound nickel or a compound thereof and at least one of the following transition metals or compounds thereof are mixed: manganese cobalt titanium chromium and iron. The obtained mixed feedstock is then fired at a temperature of at least 630°C in at atmosphere containing between 1% and 15% carbon dioxide by volume.

No. of Pages : 50 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2012

(21) Application No.5877/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PAYMENT MESSAGE ROUTING USING GEO LOCATION

(51) International classification :G06Q40/00,H04W4/02
(31) Priority Document No :61/267,586
(32) Priority Date :08/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/059122
Filing Date :06/12/2010
(87) International Publication No :WO 2011/071831 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)TULLIS John**

(57) Abstract :
Methods and system for enabling safe and efficient money transfer between a sender and a beneficiary are provided. The method includes communicating with a beneficiary s mobile device to ascertain the beneficiary s current geo location. Based on the geo location and funds at hand one or more receiving agents are selected to fulfill the transfer. The beneficiary is offered a choice of agents and the selected agent is provided with the money transfer details to complete the transfer.

No. of Pages : 39 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2012

(21) Application No.5985/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MICE THAT MAKE HEAVY CHAIN ANTIBODIES

(51) International classification :A01K67/027,C12N15/85
(31) Priority Document No :61/285,250
(32) Priority Date :10/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/059845
Filing Date :10/12/2010
(87) International Publication No :WO 2011/072204 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)STEVENS Sean**
**3)MURPHY Andrew J.**

(57) Abstract :
Genetically modified non human animals and methods and compositions for making and using them are provided wherein the genetic modification comprises a deletion in an immunoglobulin constant region CH1 gene (optionally a deletion in a hinge region) of an IgG IgA IgD and/or IgE and wherein the mouse is capable of expressing a functional IgM. Genetically modified mice are described including mice having a functional IgM gene and modified to have a deletion of a CH 1 domain and a hinge region in a heavy chain constant domain that is not an IgM e.g. in an IgG heavy chain constant domain. Genetically modified mice that make human variable/mouse constant chimeric heavy chain antibodies (antibodies that lack a light chain) fully mouse heavy chain antibodies or fully human heavy chain antibodies are provided.

No. of Pages : 86 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2012

(21) Application No.5986/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : BRIGHT COLORED SURFACE LAYER

(51) International classification :B32B21/08,B27N7/00,C09D101/00
(31) Priority Document No :10500379
(32) Priority Date :15/01/2010
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2010/051472
Filing Date :22/12/2010
(87) International Publication No :WO 2011/087422
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)LINDGREN Kent**

(57) Abstract :
A method to produce a pale and / or a plain coloured wear resistant surface layer by using a dry powder layer comprising a mix of refined fibres binder pigment and wear resistant particles.

No. of Pages : 13 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/06/2012

(21) Application No.5467/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PLANTS TOLERANT TO HPPD INHIBITOR HERBICIDES

(51) International classification :C12N9/02
(31) Priority Document No :09015987.2
(32) Priority Date :23/12/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/070570
Filing Date :22/12/2010
(87) International Publication No :WO 2011/076885 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)LABER, BERND**
**3)KNITTEL-OTTLEBEN, NATHALIE**
**4)LANGE, GUDRUN**
**5)SCHULZ, ARNO**
**6)HAIN, RUEDIGER**

(57) Abstract :
The present invention relates to nucleic acid sequences encoding a hydroxyphenylpyruvate dioxygenase (EC 1.13.11.27, abbreviated herein as HPPD) obtained from Euryarchaeota belonging to the family Picrophilaceae, as well as the proteins encoded thereby, and to a chimeric gene which comprises such nucleic acid sequence, and to the use of such nucleic acid sequences, proteins or chimeric genes for obtaining plants which are tolerant to HPPD inhibitor herbicides.

No. of Pages : 135 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2012
(21) Application No.5824/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COMPENSATED LCD DISPLAY SYSTEM AND METHODS

(51) International classification :G02F1/133
(31) Priority Document No :12/655025
(32) Priority Date :21/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2010/060697
Filing Date :17/06/2010
(87) International Publication No :WO 2011/077772
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)FENG Xiao fan**
**2)DALY Scott J.**

(57) Abstract :
The present invention relates to an generally to a system and methods displaying an image on a LCD display. The input image is modified with a first filtering process (506) to determine a driving signal (502) for a two dimensional backlight array of independently selectable light emitting elements of said display. The first modified image is modified with a second noise reducing process (520) to determine a driving signal (504) for a two dimensional liquid crystal layer defining pixels of said display. The two dimensional backlight array has a different density of light emitting elements from a density of pixels of the two dimensional liquid crystal layer.

No. of Pages : 40 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2012

(21) Application No.5826/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AZOLE DERIVATIVES AND METHODS FOR PRODUCING THE SAME, INTERMEDIATE COMPOUNDS FOR THE DERIVATIVES AND METHODS FOR PRODUCING THE SAME, AND AGRO-HORTICULTURAL AGENTS AND INDUSTRIAL MATERIAL PROTECTING AGENTS CONTAINING THE DERIVATIVES

| | |
|---|---|
| (51) International classification | :C07D233/60,C07D249/08,A01N43/50 |
| (31) Priority Document No | :2009-278850 |
| (32) Priority Date | :08/12/2009 |
| (33) Name of priority country | :Japan |
| (86) International Application No<br>Filing Date | :PCT/JP2010/006948<br>:29/11/2010 |
| (87) International Publication No | :WO 2011/070742 A1 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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**3)IMAI Eiyu**
**4)KUSANO Nobuyuki**
**5)KANNO Hisashi**
**6)MIYAKE Taiji**
**7)MORI Masaru**
**8)SAISHOJI Toshihide**

(57) Abstract :
To provide an azole derivative which is contained as an active ingredient in an agro horticultural agent having an excellent controlling effect on diseases. An azole derivative according to the invention is represented by Formula (I) wherein R and R are same or different and each denotes a substituted C3 C6 cycloalkyl group or a C1 C4 alkyl group substituted with the substituted C3 C6 cycloalkyl group; and A denotes a nitrogen atom or a methyne group.

No. of Pages : 97 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2012

(21) Application No.5828/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MOLDED AUXETIC MESH

(51) International classification :A62B7/10,A62B18/02,A62B9/00
(31) Priority Document No :61/291,057
(32) Priority Date :30/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/059797
Filing Date :10/12/2010
(87) International Publication No :WO 2011/090587 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)MARTIN Philip G.**

(57) Abstract :
An article that comprises an auxetic mesh 20 that has been molded into an intended shape. Molded auxetic articles do not distort as much as convention meshes when subjected to the heat and pressure of a molding operation.

No. of Pages : 25 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2012

(21) Application No.5941/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FINE GRAINED LOCATION DETERMINATION OF NETWORKED COMPUTERS

| | |
|---|---|
| (51) International classification | :H04W4/02,H04W4/22,H04L12/28 |
| (31) Priority Document No | :12/688,047 |
| (32) Priority Date | :15/01/2010 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No<br>Filing Date | :PCT/US2011/020138<br>:04/01/2011 |
| (87) International Publication No | :WO 2011/087930 A3 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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**2)ABOBA Bernard**
**3)KUNTZ Roy**
**4)MONTENEGRO Gabriel**
**5)SINGH Noor E Gagan**
**6)MOORE Tim**

(57) Abstract :
Location of a communication network subscriber is determined employing confidence metrics such as remote vs. local computer usage primary user in a multi user computing environment likelihood of forgery and comparable ones. A fine grained location determination is then made based on the metric results and directory information for the particular subscriber such that services like emergency services can be provided with accurate location information. FIG.3

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/07/2012

(21) Application No.6198/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND DEVICE FOR OPERATING RESOURCE ON SHARED NETWORK ELEMENT

(51) International classification :H04L 12/24
(31) Priority Document No :201010001030.6
(32) Priority Date :18/01/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/070338
Filing Date :17/01/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)YANG Shengqiang**

(57) Abstract :
A method for operating a resource on a shared network element is introduced. The method includes: receiving from a user an operation management command for operating a resource on a shared network element; according to the operation management command, acquiring an operator attribute of the resource to be operated, and acquiring an operator attribute of the user; and if the operator attribute of the user is consistent with the operator attribute of the resource to be operated, performing an operating action corresponding to the operation management command. The present invention solves the network management security problem in network management convergence of a plurality of operators under the telecommunication convergence.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2012

(21) Application No.6490/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HUMAN ANTIBODIES TO HUMAN ANGIOPOIETIN LIKE PROTEIN 4

(51) International classification :C07K16/22
(31) Priority Document No :61/290092
(32) Priority Date :24/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/061987
Filing Date :23/12/2010
(87) International Publication No :WO 2011/079257 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)GUSAROVA Viktoria**
**3)KIM Jee H.**
**4)CHEN Gang**

(57) Abstract :
A fully human antibody or antigen binding fragment of a human antibody that specifically binds and inhibits human angiopoietin like protein 4 (hANGPTL4) is provided. The human anti hANGPTL4 antibodies are useful in treating diseases or disorders associated with ANGPTL4 such as hyperlipidemia hyperlipoproteinemia and dyslipidemia including hypertriglyceridemia hypercholesterolemia chylomicronemia and so forth. Furthermore the anti hANGPTL4 antibodies can be administered to a subject in need thereof to prevent or treat diseases or disorders for which abnormal lipid metabolism is a risk factor. Such diseases or disorders include cardiovascular diseases such as atherosclerosis and coronary artery diseases; acute pancreatitis; nonalcoholic steatohepatitis (NASH); diabetes; obesity.

No. of Pages : 203 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2012

(21) Application No.6095/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ADHESIVE COMPOSITION

(51) International classification :C08L33/04,C09J133/04,C09J4/04
(31) Priority Document No :12/688,476
(32) Priority Date :15/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/020962
Filing Date :12/01/2011
(87) International Publication No :WO 2011/088101 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)STEELMAN Ronald S.**
**2)DANIELS Michael P.**
**3)YARUSSO David J.**
**4)HAMER Craig E.**

(57) Abstract :
The present application is directed to a non aqueous composition. The composition comprises a blend of an acidic copolymer derived from a first group of monomers comprising at least one acidic monomer and a basic copolymer derived from a second group of monomers comprising at least one basic monomer. The basic copolymer may comprise an amide functionality. In some embodiments the composition comprises an acidic (meth)acrylic copolymer having a Tg less than 0°C which is derived from a first group of monomers comprising at least one acidic monomer and a basic (meth)acrylic copolymer having a Tg less than 0°C which is derived from a second group of monomers comprising at least one basic monomer. Additionally the composition may comprise a minimum of 0.10 moles of acid/base pairs per kilogram of composition.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2012

(21) Application No.6356/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FLOW CONTROL DEVICE

(51) International classification :F16K1/04,F16K1/32,F16K15/14
(31) Priority Document No :2010-011174
(32) Priority Date :21/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/058541
Filing Date :20/05/2010
(87) International Publication No:WO 2011/089737 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)YAMADA Hirosuke**
**2)NAKAMURA Sanae**
**3)KURIBAYASHI Akira**

(57) Abstract :
Disclosed is a flow control device. This flow control device (10) is provided with a first body (14) having a first port (12) through which pressure fluid is supplied and a second body (18) which is installed on the first body (14). A valve mechanism (20) which controls the circulation state of the pressure fluid that circulates from the first port (12) to a second port (16) is provided inside this first body (14). Furthermore a first connecting section (30) of the first body (14) is inserted into and engaged with the inside of a second connecting section (128) formed at the upper end of the second body (18) resulting in the first body (14) and the second body (18) being integrally connected together.

No. of Pages : 44 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2012

(21) Application No.6358/CHENP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : GENE DRO1 CONTROLLING DEEP ROOTED CHARACTERISTICS OF PLANT AND UTILIZATION OF SAME

| | |
|---|---|
| (51) International classification | :C12N15/09,A01H5/00,C07K14/415 |
| (31) Priority Document No | :2009-292524 |
| (32) Priority Date | :24/12/2009 |
| (33) Name of priority country | :Japan |
| (86) International Application No<br>Filing Date | :PCT/JP2010/073288<br>:24/12/2010 |
| (87) International Publication No | :WO 2011/078308 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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(72)**Name of Inventor :**
**1)UGA Yusaku**

(57) Abstract :
Disclosed are a gene which controls the deep rooted characteristics of a plant a transgenic plant having said gene transferred thereinto a method for controlling the deep rooted characteristics of a plant with the use of said gene etc. A genetic locus (Dro1 genetic locus) capable of controlling the deep rooted characteristics of a plant which was detected between a shallow rooted rice cultivar IR64 and a deep rooted rice cultivar Kinandang Patong in a large scaled segregation population was examined by high accurate linkage analysis. As a result it was clarified that the gene region of Dro1 resides in a 6.0 kbp region located between Dro1 INDEL09 which is an InDel marker and Dro1 CAPS05 which is a CAPS marker. It was also confirmed that a transgenic plant transformed by the Kinandang Patong type Dro1 gene shows deep rooted characteristics at a significantly high ratio. It was also confirmed that an individual having the Kinandang Patong type Dro1 gene is resistant to drought.

No. of Pages : 101 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/12/2014

(21) Application No.1323/KOL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : GUIDE SHOE

(51) International classification :F16H57/05
(31) Priority Document No :2014-008939
(32) Priority Date :21/01/2014
(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 :**
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(72)**Name of Inventor :**
**1)UTAKI, AKIHIKO**

(57) Abstract :
An object of the present invention is to provide a guide shoe that can prevent a shortage of lubricating oil and supply the lubricating oil onto a sliding surface of the shoe in a favorable manner. To achieve the above object, the present invention provides a guide shoe 120 that has a shoe surface 121 for slidably guiding a running chain CH. A plate guide groove 122 extending along a chain running direction D and guiding link plates L of the chain CH is provide in the shoe surface 121. An oil guide part 125 having a pair of guide walls 125a is provided in the bottom surface of the plate guide groove 122. The pair of guide walls 125a are each formed such as to face a rear side in the chain running direction D and converge to each other toward a front side in the chain running direction D.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2005

(21) Application No.215/KOLNP/2005 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CLADDING PANEL

(51) International classification :B32B15/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/AT2003/000238
Filing Date :18/08/2003
(87) International Publication No :WO 2004/016877
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)KNAUSEDER, Franz**

(57) Abstract :
The invention relates to a covering pane] for floors, which has a slot (12) extending along at least one edge or face (17), and a tongue (6) extending along at least another edge or face (17). The cross-sections of the tongue (6) and of the slot (12) are matched to one another and panels (1, 2) to be joined to one another can be joined by inserting the tongue (6) into the slot (12). According to the invention, at least one bead (8) consisting of an adhesive is applied to at least one wall surface (5) of the slot (12) and/or to at least one tongue surface (7). In addition, at least one recess (9) for at least partially accommodating the bead (8) when two adjacent panels (1, 2) are assembled together is made on the tongue (6) in the tongue surface (7), which faces the wall surface (5) of the slot (12) provided with the bead (8), and/or is made in the slot (12), to be precise, in the limbs (3, 4) thereof, in the wall surface (5) facing the tongue surface (7) provided with the bead (8).

No. of Pages : 34 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2014

(21) Application No.2693/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR TRANSMITTING INFORMATION AND DEVICE FOR CARRYING OUT SAID METHOD

| | |
|---|---|
| (51) International classification | :G01D5/245,G08C19/16,G08C19/28 |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No<br>Filing Date | :PCT/EP2012/061653<br>:19/06/2012 |
| (87) International Publication No | :WO 2013/189518 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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(72)**Name of Inventor :**
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**2)NOLTE Uwe**

(57) Abstract :
The invention relates to a method for transmitting information between an electric motor (2) and a motor control unit (4) by means of at least one transfer signal (T1 T2) wherein as information motion state information of the electric motor (2) and additional information is transmitted via a transmission channel wherein the motion state information is in the form of at least one base signal (B1 B2) and wherein the additional information is transmitted with the aid of the base signal (B1 B2).

No. of Pages : 27 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2014

(21) Application No.2694/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FAULT DETECTION IN ENERGY SUPPLY NETWORKS

(51) International classification :H02J3/00,H02H6/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2012/062314
Filing Date :26/06/2012
(87) International Publication No :WO 2014/000769
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)JANSSEN Pierre**
**2)MAUN Jean Claude**

(57) Abstract :
The invention relates to a method for detecting a fault in an energy supply network (10 40) in which method state values are determined for a plurality of measuring points (M1 M2 M3) which state values specify an electrical state of the energy supply network (10 40) at the respective measuring point (M1 M2 M3). The state values are transmitted to a control centre device (17) comprising an evaluation device (18) and the state values are used by the evaluation device (18) for detecting a fault in the energy supply network (10 40). In order to develop a method of this type such that errors which occur particularly in energy supply networks with low short circuit currents can be detected with high reliability and selectivity according to the invention a state estimation is performed by means of the evaluation device (18) using a model description of the electrical energy supply network (10 40) suitable for describing possible electrical states of the energy supply network (10 40) on the basis of state variables. During the state estimation it is examined whether an electrical state that with regard to the state variables used for the respective measuring points (M1 M2 M3) at least approximately matches the respective state values can be described by the model description and if such a state is lacking an error detection signal indicating the existence of a fault in the energy supply network (10 40) is generated by the evaluation device (18). The invention also relates to a correspondingly designed control centre device (17).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/12/2014

(21) Application No.1300/KOL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SIDE FRAME FOR CONSTRUCTION MACHINE

(51) International classification :B06B
(31) Priority Document No :2014-002319
(32) Priority Date :09/01/2014
(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

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(72)**Name of Inventor :**
**1)SHIMOMURA KEISUKE**
**2)SHIMAZU YASUHIKO**

(57) Abstract :
The present invention aims to reduce the costs of construction machine by providing a side frame that can be shared by a plurality of construction machines of different models. A left side frame (S2) has: a cab support portion (22) for supporting a cab (15); a cooler support portion (24) provided behind the cab support portion (22) to support a cooler (17); and a tank support portion (23) provided between the cab support portion (22) and the cooler support portion (24) to support a tank. The tank support portion is configured to allow one of a first tank (16A) and a second tank (16B) that is different from the first tank in size in the right-and-left direction to be selectively attached to the tank support portion (23).

No. of Pages : 28 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2014

(21) Application No.2714/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SCREEN CONTROL METHOD AND TERMINAL

(51) International classification :G06F3/0487,H04M1/725
(31) Priority Document No :201210450649.4
(32) Priority Date :12/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/078926
Filing Date :05/07/2013
(87) International Publication No :WO 2014/071748
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)SHI Xinming**
**2)DI Hao**
**3)SUN Wei**

(57) Abstract :
A screen control method and terminal are provided. The method comprises the following steps: when a terminal is in the process of a session or originating a call determining whether the distance between a designated region of a screen of the terminal and a human body is larger than a distance threshold on the basis of electric signals generated by the screen when the designated region is close to the human body (101); controlling the screen to be shut off if it is determined that the distance is not larger than the distance threshold and controlling the screen to be lit on if it is determined that the distance is larger than the distance threshold (102). The present invention can control the shutting off and lighting up of the screen more precisely when the terminal is in the process of a session or originating a call.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.2715/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND APPARATUS FOR PUCCH RESOURCE MAPPING

(51) International classification :H04J11/00,H04B7/26
(31) Priority Document No :201210129540.0
(32) Priority Date :27/04/2012
(33) Name of priority country :China
(86) International Application No :PCT/KR2013/003241
Filing Date :17/04/2013
(87) International Publication No :WO 2013/162203
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)LI Yingyang**
**3)SUN Chengjun**

(57) Abstract :
The present invention provides a method for PUCCH resource mapping which includes: in a traffic adaptive TDD system classifying downlink sub frames within a binding window into two categories i.e. sub frames of category 1 and sub frames of category 2; when feeding back HARQ ACK for a downlink sub frame performing PUCCH resource mapping for a sub frame of category 1 in accordance with LTE/LTE A and performing PUCCH resource mapping for a sub frame of category 2 according to a specified order of sub frames. When uplink downlink configurations change dynamically the present invention implements dynamic adjustment of allocated PUCCH resources according to actual configurations thereby effectively saves physical resources in uplink sub frames.

No. of Pages : 47 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.2716/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : LOCKING DEVICE

(51) International classification :B66C23/78,B60S9/02
(31) Priority Document No :10 2012 215 534.1
(32) Priority Date :31/08/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/067370
Filing Date :21/08/2013
(87) International Publication No :WO 2014/033024
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)GERLOF Torben**
**2)JAUMANN Oliver**
**3)GÖGGELMANN Gernot**
**4)DIEBOLD Martin**

(57) Abstract :
The invention relates to a locking device for supporting members (10) for a mobile machine which supporting members (10) are arranged on a chassis or load bearing frame and can be extended pivoted or telescoped from a retracted transport position into a deployed working position having a locking bolt (26) which can be displaced between a locked position and an unlocked position in a guide sleeve which is fixed to the frame and is arranged transversely with respect to the pulling out direction of the supporting member (10) which locking bolt (26) is prestressed in the direction of the locked position under the action of a spring having an actuating member (30) which displaces the locking bolt (26) between the locked position and the unlocked position and having a latching and guiding member (12) for the locking bolt which latching and guiding member (12) is arranged rigidly on the supporting member (10) wherein the latching and guiding member (12) has a guiding curve (46) which pushes the locking bolt (26) into a release slope and wherein the locking bolt (26) can be moved in the release slope automatically into the locked position thereof. In order for it to be possible to perform arresting of the supporting members in defined positions in the case of limited spatial conditions and only partially extended supporting members it is proposed according to the invention that the latching and guiding member (12) extends between a first latching position for the locking bolt (26) in the region of the retracted transport position of the supporting member (10) and a second latching position for the locking bolt (26) in the region of the completely extended pivoted out or telescoped working position of the supporting member (10) and that the latching and guiding member (12) has at least one further latching position (16 16 ) between the first and second latching position.

No. of Pages : 30 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/12/2014

(21) Application No.1332/KOL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SPINNING APPARATUS

(51) International classification :D02G1/12
(31) Priority Document No :2014-013678
(32) Priority Date :28/01/2014
(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

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(72)**Name of Inventor :**
**1)YAMASHITA, YASUHIRO**
**2)IMAI, TAKUMA**
**3)SAITO, KANJI**

(57) Abstract :
In a spinning apparatus for producing a multi- filament yarn of 200 denier or lower, filaments constituting the multi-filament yarn are cooled as soon as possible after the filaments are spun out. A groove forming member 50 is provided between a spinning beam 2 and a yarn cooler 3. The groove forming member 50 has through holes 51 formed at a part which overlaps a spinneret 13 of the spinning beam 2 and a yarn running space 31 of a cooling cylinder 21 of the yarn cooler 3. On a lower surface of the groove forming member 50, a plurality of grooves 52 are formed. These grooves 52 extend between a side surface of the groove forming member 50 and the through holes 51 to be in parallel to one another. With this, the spinneret 13 and the yarn running space 31 are connected to the outside air W through the grooves 52. The depth F of each groove 52 is about 2 to 3mm.

No. of Pages : 44 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.2730/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COMMUNICATION PROCESSING METHOD AND DEVICE

(51) International classification :H04M1/725
(31) Priority Document No :201210398162.6
(32) Priority Date :18/10/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/078886
Filing Date :05/07/2013
(87) International Publication No :WO 2014/059803
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)WANG Wenlin**
**2)LIU Xinyu**
**3)ZHENG Xingping**

(57) Abstract :
Disclosed are a communication processing method and device which are used to solve the problem that communication is interrupted by mistake due to misoperation of a communication execution entity which is not used by the current communication. In the present invention a communication operation instruction is received; a sending entity of the operation instruction is determined; and when the sending entity is not a first communication execution entity which is used by current communication switching the current communication to a second communication execution entity. In the present invention only if the operation instruction is sent by a communication execution entity which is being used by the current communication the current operation instruction can be responded so that interruption of the current communication process caused by misoperation of other communication execution entities in the communication process is avoided.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.2731/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD APPARATUS AND DEVICE FOR ESTABLISHING CALL

(51) International classification :H04W4/12
(31) Priority Document No :201210422368.8
(32) Priority Date :29/10/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/083990
Filing Date :23/09/2013
(87) International Publication No :WO 2014/067367
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)LIU Xinyu**

(57) Abstract :
Embodiments of the present invention relate to the communications field and provide a method an apparatus and a device for establishing a call. The method comprises: receiving a call request sent by a user through a terminal; determining push information corresponding to personalized information of the user; and sending the push information to the terminal. The embodiments of the present invention provide the method apparatus and device for establishing the call so as to send the push information corresponding to the personalized information to the user according the personalized information of the user after the user initiates a call preventing a communications resource waste.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.2732/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD DEVICE AND TERMINAL FOR ADJUSTING WIDGET

(51) International classification :H04M1/725
(31) Priority Document No :201210291529.4
(32) Priority Date :15/08/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/081535
Filing Date :15/08/2013
(87) International Publication No :WO 2014/026623
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)XU Fei**
**3)SUN Daqing**
**4)WANG Ying**

(57) Abstract :
Disclosed are a method device and terminal for adjusting a widget. After the interface grid configuration of a terminal is switched from a first grid configuration to a second grid configuration the dimension value of a widget is acquired; and according to the dimension value of each grid in the second grid configuration the number of grids occupied by the widget is determined. By automatically converting the dimension of a widget into the number of grids in a current grid configuration the method device and terminal for adjusting a widget provided in the embodiments of the present invention enable the dimension of the widget to be unchanged or adaptive to a current unit grid dimension after the grid configuration has been changed thereby improving the display effect and the user experience.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/11/2014

(21) Application No.2753/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FLUID ANALYSER COMPRISING A FLAMMABLE SUBSTANCE AND CORRESPONDING METHOD

(51) International classification :G01N33/00,G01N33/28
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/FR2012/051241
Filing Date :04/06/2012
(87) International Publication No :WO 2013/182758
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)EIF ASTUTE**
(72)**Name of Inventor :**
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**2)COLINET Eric**
**3)CORIC Philippe**
**4)DE WIT Jean Claude**
**5)PUGET Pierre**

(57) Abstract :
The invention relates to an analyser 1 for analysing a fluid 3 comprising at least one substance to be analysed and at least one flammable substance including: a gas source 9 for providing a flow of diluting gas; an injector 11 for injecting samples of the fluid into the flow of diluting gas and for producing a gas stream; and a detector 7 for analysing the gas stream; the gas source is designed such as to supply a flow of diluting gas containing an oxidiser of the flammable substance preferably such as to supply a flow of air; the injector is configured to inject samples of the fluid into the flow of diluting gas such that the mean volumetric fraction of the fluid in the gas stream is lower than 1/2 000 preferably lower than 1/20 000; and the detector includes at least one microsensor for detecting the substance to be analysed. The invention also relates to the corresponding method.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/11/2014

(21) Application No.2755/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DESKTOP SYSTEM OF MOBILE TERMINAL AND INTERFACE INTERACTION METHOD AND DEVICE

(51) International classification :G06F3/048
(31) Priority Document No :201210289655.6
(32) Priority Date :14/08/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/081407
Filing Date :13/08/2013
(87) International Publication No :WO 2014/026599
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)REN Tian**
**4)SUN Guangdou**
**5)LI Weixing**
**6)SUN Daqing**
**7)WANG Ying**
**8)ZHU Cai**
**9)HU Xiaowei**
**10)YUAN Bo**

(57) Abstract :
The present invention relates to the technical field of communications and disclosed are a desktop system of a mobile terminal and an interface interaction method and device. The desktop system provided by the present invention comprises a content layer and a background layer. A designer only needs to set a preset point of an icon corresponding to a component in the content layer to be in preset location of the content layer and does not need limit the shape of the component so as to grant the designer with greater design permissions. The preset location of the component on the content layer keeps corresponding to a preset location of a scenario shown by the background layer so that the designer performs arrangement according to the icon of the component and the scenario shown by the background layer to achieve a visual effect of a real scenario so as to increase the aesthetics and diversity of the style of the desktop interface thereby improving use experience of a user.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/11/2014

(21) Application No.2756/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A DELIVERY ASSEMBLY FOR MACHINES FOR PREPARING BEVERAGES VIA CAPSULES

(51) International classification :A47J31/36
(31) Priority Document No :TO2012A000503
(32) Priority Date :08/06/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2013/053688
Filing Date :08/05/2013
(87) International Publication No :WO 2013/182923
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)BUGNANO Luca**
**2)CABILLI Alberto**

(57) Abstract :
A delivery assembly for a machine for preparing beverages via capsules (10) comprises: a support structure (2) bearing an injector device (40) for introducing a fluid into a capsule (10); a capsule holder (50) mounted movable in the support structure (2); guide means (52 54 32 34) designed to enable the capsule holder (50) to displace between a position distanced from the injector device (40) and a position approached to the injector device (40); an actuation kinematic arrangement (3 7) which can be operated for causing displacements of the capsule holder (50) between the distanced position and the approached position; and a longitudinally extended ejector member (70) mounted movable on the capsule holder (50) and designed to eject the capsule (10) on the outside of the capsule holder (50) during displacement of the capsule holder (50) from the approached position to the distanced position. The ejector member (70) comprises a plurality of parts (74 75) connected in an articulated way amongst which at least one first part (74) and one second part (75) articulated in such a way that the second part (75) is able to assume a plurality of angular positions with respect to the first part (74) during displacement of the capsule holder (50) between the distanced position and the approached position where it is close up.

No. of Pages : 34 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2014

(21) Application No.2770/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : WI FI HOT SPOT NETWORKING ECOMMERCE

(51) International classification :H04M15/00,H04W4/24
(31) Priority Document No :13/468340
(32) Priority Date :10/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/053774
Filing Date :09/05/2013
(87) International Publication No :WO 2013/168124
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Methods and systems for using a device as a wireless hotspot service provider are disclosed. An exemplary method for providing a hotspot service provider includes performing a first registration of a first device as a first hotspot service provider in a first coverage area of the first device. The first registration includes identifying an account of an owner of the first device. A second registration of a second device as a hotspot service consumer is also performed. The second registration includes identifying an account of an owner of the second device. A first amount is charged against an account of the owner of the second device based on a resource usage by the second device via the first device. At least a portion of the first amount is credited to the account of the owner of the first device.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2014

(21) Application No.2771/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : UPLINK TIMING ERROR REDUCTION METHOD AND APPARATUS

(51) International classification :H04W56/00
(31) Priority Document No :61/645198
(32) Priority Date :10/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2012/051111
Filing Date :17/10/2012
(87) International Publication No :WO 2013/169162
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)KAZMI Muhammad**
**2)BERGSTRÖM Mattias**

(57) Abstract :
The technology presented in this disclosure pertains to telecommunication. For example there is presented a method of operating a wireless terminal30. A timing advance command (TAC) control element (CE) is received over a radio interface (from a network node28). Upon receipt of the TAC CE the method continues by updating UL (uplink) transmission timing for cells in a timing advance(TA)group even when a TA timer for the associated TA group is not running.

No. of Pages : 75 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2014

(21) Application No.2772/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHODS AND ARRANGEMENTS FOR CSI REPORTING

(51) International classification :H04L5/00
(31) Priority Document No :61/645500
(32) Priority Date :10/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2013/050518
Filing Date :08/05/2013
(87) International Publication No :WO 2013/169197
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)HAMMARWALL David**

(57) Abstract :
Some embodiments disclosed here provide a method in a wireless device (540) for reporting Channel State Information CSI. The wireless device (540) is comprised in a wireless communications system (500). The method comprises receiving (1610) a CSI process configuration and a request for CSI information from a network node (560). The method further comprises reporting (1620) CSI for one or more CSI processes. The CSI is determined such as to reflect the state of the channel for a CSI reference resource. According to the method the CSI reference resource is determined based on the number of configured CSI processes.

No. of Pages : 49 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/12/2014
(21) Application No.2773/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ADVANCING UNIT FOR POSITIONING A CURRENT COLLECTOR UNIT

(51) International classification :B60L5/08,B60L5/38
(31) Priority Document No :10 2013 100 019.3
(32) Priority Date :02/01/2013
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/077138
Filing Date :18/12/2013
(87) International Publication No :WO 2014/106579
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)MÜLLER Jörg**

(57) Abstract :
The invention relates to an advancing unit (4) for positioning a current collector unit (1) comprising at least one extension (6) which is guided in a fastening unit (5) in such a way that the extension can be moved linearly and which has a cavity which is open on a longitudinal side extending in the advancing direction and the inner surface of which forms a contact surface for guiding elements arranged on the fastening unit a flexible band (19) is arranged on the extension. One section of the flexible band at least partially covers the open longitudinal side of the cavity along a section protruding from the fastening device and another section of the flexible band is located in a reservoir. A first end of the band is connected to the fastening unit or to an end of the extension and the second end is supported on a tensioning device (21) under a tensile stress in the longitudinal direction which tensioning device in the event of a motion of the extension by means of which the protruding section is shortened or lengthened pulls the band into the reservoir or outputs the band from the reservoir by the same length and at the same velocity.

No. of Pages : 21 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2014

(21) Application No.2790/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ADHESIVE FOR PACKAGING MATERIALS AND PACKAGING MATERIAL

| | |
|---|---|
| (51) International classification | :C09J123/26,B32B15/085,B32B27/32 |
| (31) Priority Document No | :2012139355 |
| (32) Priority Date | :21/06/2012 |
| (33) Name of priority country | :Japan |
| (86) International Application No<br>Filing Date | :PCT/JP2013/066782<br>:19/06/2013 |
| (87) International Publication No | :WO 2013/191191 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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(57) Abstract :
This adhesive for packaging materials is in the form of an aqueous dispersion which contains a polyvinyl alcohol an aqueous medium and an acid modified polyolefin resin that contains a (meth)acrylic acid ester component. The content of the polyvinyl alcohol relative to 100 parts by mass of the acid modified polyolefin resin is 0.1 10 parts by mass. A packaging material using this adhesive comprises a barrier layer an adhesive layer that is formed of a coating film obtained from this adhesive and a sealant layer said layers being laminated in this order.

No. of Pages : 74 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2014

(21) Application No.2791/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : REDUCTION OF THE ELECTRICAL RESISTANCE FOR AN ELECTRIC MACHINE HAVING WINDINGS ARRANGED IN GROOVES

(51) International classification :H02K3/12,H02K3/28,H02K3/50
(31) Priority Document No :10 2012 210 614.6
(32) Priority Date :22/06/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/061672
Filing Date :06/06/2013
(87) International Publication No :WO 2013/189750
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)SCHÄFER Rüdiger**
**4)WASCHEK Jörg**

(57) Abstract :
The invention relates to an electric machine having grooves and windings of electrical conductors wherein the windings are divided into strands wherein at least one strand has a respective number s of coils (1) connected in series which are each arranged in the grooves wherein the coils (1) each comprise sub conductors (2) connected in parallel wherein the sub conductors (2) of a coil (1) are arranged in a plurality of bundles (3) wherein a bundle (3) of a coil (1) is connected in series to a bundle (3) of a coil (1) connected in series (3) wherein each bundle (3) of the at least one strand is arranged in a groove at a respective bundle position in relation to a deepest possible bundle position in the groove wherein the respective bundle positions of all bundles (3) in all coils (1) of the at least one strand define a respective number b of possible bundle positions of the at least one strand. In order to reduce the electrical resistance for an electric machine that has windings arranged in grooves and can be operated with alternating current the bundles (3) of the at least one strand are interchanged between the coils (1) in such a way that each bundle (3) of the at least one strand is arranged in the grooves at least n times and at most n times at each of the possible bundle positions of the at least one strand in relation to the deepest possible bundle position in the groove wherein n is the integer quotient in regard to the quotient of the number s of coils (1) of a strand connected in series and the number b of possible bundle positions of a strand wherein n =n if s is divisible by b and n =n+1 if s is not divisible by b.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2014

(21) Application No.2792/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CUTTING TOOL AND CUTTING INSERT WITH A STOPPER SURFACE

(51) International classification :B23B29/04,B23B27/04
(31) Priority Document No :13/556966
(32) Priority Date :24/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2013/050536
Filing Date :25/06/2013
(87) International Publication No :WO 2014/016822
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)HECHT Gil**

(57) Abstract :
A cutting insert (100) has an upper abutment portion (106) at an upper surface (102) thereof and two bottom abutment portions (110 112) and a stopper portion (114) at a bottom surface (108) thereof. The two bottom abutment portions (110 112) define bottom planes (PI P2) parallel and spaced apart from one another. The upper abutment surface (102) defines an upper plane (P3) forming a first angle (a) with the bottom planes (PI P2). The cutting insert (100) has a relief surface (124) at a front surface (118) thereof forming a cutting edge (216) with a rake surface (104) formed at the upper surface (102). The stopper portion (114) defines a stopper plane (P4) which forms a second angle (T) with a relief plane (PR) defined by the relief surface (124). A reference plane (P5) perpendicular to the upper plane (102) passing through the upper abutment portion (106) intersects the first and second bottom planes (PI P2) at first and second intersection lines (II 12) which are spaced apart from the first and second bottom abutment portions (110 112).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/12/2014

(21) Application No.2786/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A METHOD AND APPARATUS FOR RESOURCE ASSIGNMENT DURING CONTROL CHANNEL AMBIGUITY

(51) International classification :H04W72/04,H04W76/04
(31) Priority Document No :61/645670
(32) Priority Date :11/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2012/050913
Filing Date :29/08/2012
(87) International Publication No :WO 2013/169159
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)FRENNE Mattias**
**3)LARSSON Daniel**

(57) Abstract :
In one example of the teachings herein a network base station (16 18) includes one or more communication interfaces configured to send messages to a wireless communication device and one or more processing circuits (36) operatively associated with the communication interface(s). The processing circuits(36) are configured to send a reconfiguration message to the device using an existing downlink control channel configuration for the device which message indicates a new downlink control channel configuration for the device and during a window of control channel configuration ambiguity that arises for the device as a consequence of sending the reconfiguration message send a control message to the device using both the existing and the new downlink control channel configurations. Such a method of operation advantageously avoids the delays that arise if new downlink control signaling towards the device (20) is deferred until receiving confirmation that the device (20) received the reconfiguration message.

No. of Pages : 32 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/12/2014

(21) Application No.2787/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR DELETING INTERFERENCE IN LONG TERM EVOLUTION SYSTEM DATA SENDING METHOD AND DEVICE

(51) International classification :H04W72/08,H04L27/28
(31) Priority Document No :201210166814.3
(32) Priority Date :25/05/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/077041
Filing Date :15/06/2012
(87) International Publication No :WO 2013/174050
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)WU Tong**
**2)XIAO Dengkun**
**3)WEI Jingxin**

(57) Abstract :
A method for deleting interference in a long term evolution system a data sending method and device a user equipment and a base station. The method for deleting interference comprises: acquiring downlink cell specific power ratio information of a specific cell; performing channel estimation on a downlink cell reference signal CRS of the specific cell so as to obtain a channel estimation matrix of a specific physical channel signal or message of the specific cell; performing compensation on the channel estimation matrix by using the downlink cell specific power ratio information so as to obtain a new channel estimation matrix; reconstructing according to the new channel estimation matrix a receiving signal of the specific physical channel signal or message of the specific cell; and deleting from a received original signal of a target cell interfered by the specific cell interference of the specific cell on the receiving signal of the specific physical channel signal or message. The technical problem in the prior art that the user equipment cannot effectively eliminate interference since a power emission intensity of a strong interfering cell cannot be estimated correctly is solved.

No. of Pages : 97 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2014

(21) Application No.2788/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MULTIPLE DISPLAY METHOD WITH MULTIPLE COMMUNICATION TERMINALS MACHINE READABLE STORAGE MEDIUM AND COMMUNICATION TERMINAL

| | |
|---|---|
| (51) International classification | :G06F3/14,G06F13/14,H04B1/40 |
| (31) Priority Document No | :1020120055883 |
| (32) Priority Date | :25/05/2012 |
| (33) Name of priority country | :Republic of Korea |
| (86) International Application No<br>Filing Date | :PCT/KR2013/004570<br>:24/05/2013 |
| (87) International Publication No | :WO 2013/176515 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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**1)JEUNG Ji Hong**
**2)YOON Sung Jin**

(57) Abstract :
A multiple display method to be performed by two or more communication terminals to expand visibility is provided. A first communication terminal establishes a wireless connection with a second communication terminal receives device information of the second communication terminal generates first screen data based on the device information for configuring a first screen of the first communication terminal and second screen data for configuring a second screen of the second communication terminal in association with the first screen. The second screen data is transmitted to the second communication terminal.

No. of Pages : 42 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2014

(21) Application No.2789/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PYRROLOTRIAZINONE DERIVATIVES

(51) International classification :C07D487/04,A61K31/53,A61P9/00
(31) Priority Document No :12003445.9
(32) Priority Date :04/05/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/001026
Filing Date :06/04/2013
(87) International Publication No :WO 2013/164061
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)DORSCH Dieter**
**2)BUCHSTALLER Hans Peter**

(57) Abstract :
1Compounds of the formula (I) in which X R and Y have the meanings indicated in Claim 1 are inhibitors of Tankyrase and PARP 1 and can be employed inter alia for the treatment of diseases such as cancer cardiovascular diseases central nervous system injury and different forms of imflamination.

No. of Pages : 86 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2014

(21) Application No.2801/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HOME BASE STATION LOCATION INFORMATION

| | |
|---|---|
| (51) International classification | :H04W88/14,H04L12/14,H04L29/12 |
| (31) Priority Document No | :61/645647 |
| (32) Priority Date | :11/05/2012 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No<br>Filing Date | :PCT/EP2013/059485<br>:07/05/2013 |
| (87) International Publication No | :WO 2013/167589 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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(72)**Name of Inventor :**
**1)QIANG Zu**
**2)YANG Yong**

(57) Abstract :
The embodiments herein relate to a method in a location information node (327) for providing location information associated with a home base station (345) to a PCRF (350). The node (327) is dedicated to handling the location information. When the home base station (345) sets up an IPSec tunnel with a SeGW (332) the node (327) receives the information from the AAA server (330). The node (327) transmits the information to the PCRF (350) via the MME/SGSN (325 340) using an interface between the MME/SGSN (325 340) and the PCRF (350) or to the PCRF (350) via the MME/SGSN (325 340) and a SGW/PGW (343 348) using a S11/S4 interface a S5/S8 interface and a Gx/Gxx interface or directly to the PCRF (350) using an interface between the node (327) and the PCRF (350).

No. of Pages : 45 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2014

(21) Application No.2802/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PISTON FOR AN INTERNAL COMBUSTION ENGINE

(51) International classification :F16D48/06
(31) Priority Document No :10 2012 008 945.7
(32) Priority Date :05/05/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2013/000239
Filing Date :03/05/2013
(87) International Publication No :WO 2013/167103
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)BISCHOFBERGER Ulrich**

(57) Abstract :
The invention relates to a piston (10 ) for an internal combustion engine comprising a piston head (11) and a piston skirt (16) said piston head (11) having a peripheral annular part (15) and in the region of said annular part (15) a peripheral cooling channel (23). The piston skirt (16) comprises piston bores (17) provided with hub bores (18) which are arranged over the hub connections (19) on the underside (11a) of the piston head (11). Said piston hubs (17) are interconnected over the running surfaces (21 22). According to the invention the wall (23a) of the cooling channel (23) which extends in the region of the annular part (15) comprises an inclined portion and together with the central axis of the piston (M) forms an acute angle (a). At least one bore (24a 24b 24c 24d) which is closed towards the outside is arranged between a running surface (21 22) and a hub bore (18) such that the at least one bore (24a 24b 24c 24d) leads into the cooling channel (23) and that the cooling channel (23) and the at least one bore (24a 24b 24c 24d) contain a coolant (27) in the form of a metal or a metal alloy which have a low melting point.

No. of Pages : 19 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2014

(21) Application No.2803/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : POLYMER HAVING TERMINAL STRUCTURE INCLUDING PLURALITY OF REACTIVE SILICON GROUPS METHOD FOR MANUFACTURING SAME AND USE FOR SAME

| | |
|---|---|
| (51) International classification | :C08G65/331,C08G65/336,C08L33/06 |
| (31) Priority Document No | :2012124290 |
| (32) Priority Date | :31/05/2012 |
| (33) Name of priority country | :Japan |
| (86) International Application No<br>Filing Date | :PCT/JP2013/064982<br>:30/05/2013 |
| (87) International Publication No | :WO 2013/180203 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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**1)HARUMASHI Tatsuro**
**2)TANIGUCHI Akio**
**3)ODAKA Hidetoshi**
**4)WAKABAYASHI Katsuyu**

(57) Abstract :
The purpose of the invention is to provide a novel polymer containing reactive groups that provides a hardened object with excellent strength a method for manufacturing the same and a composition containing this polymer. A hardened object with excellent strength can be obtained by using a composition containing a polymer (A) having a terminal structure including two or more carbon carbon unsaturated bonds at one terminal and/or a polymer (B) having a terminal structure including two or more reactive silicon groups at one terminal.

No. of Pages : 185 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2014

(21) Application No.2804/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : VIBRATIONAL DECOUPLING OF THE STATOR OF AN ELECTRIC MACHINE

(51) International classification :H02K1/18
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2012/062468
Filing Date :27/06/2012
(87) International Publication No :WO 2014/000789
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)BALZER Christoph**
**2)SIEGL Günther**

(57) Abstract :
The invention relates to an electric machine comprising a housing (1) and a cylindrical stator (2). In order to improve the properties of said electric machine with regard to vibrations it is suggested that the machine comprises at least one panel (3) which is secured in each case to the side of the cylindrical stator (2) that faces the housing (1) a gap (4) being formed in the radial direction between said housing (1) and the respective panel (3). At least one connecting element (5) is secured in each case to both a guide bush (7) of the housing (1) and to the at least one panel (3) and by means of which forces can be transmitted from the cylindrical stator (2) to said housing (1). At least one damping element (6) is arranged between the at least one connecting element (5) and the guide bush (7) in each case.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2014

(21) Application No.1290/KOL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PLASTIC BAG MAKING APPARATUS

| | |
|---|---|
| (51) International classification | :B31B1/90<br>B31B19/90<br>B65B43/46 |
| (31) Priority Document No | :2013-268925 |
| (32) Priority Date | :26/12/2013 |
| (33) Name of priority country | :Japan |
| (86) International Application No<br>Filing Date | :NA<br>:NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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(72)**Name of Inventor :**
**1)MIKIO TOTANI**

(57) Abstract :
In an apparatus for successively making plastic bags, a laser beam irradiator 5 irradiates laser beam 6 onto webs of panel material 2 and a body of zipper material 3 to heat and melt the webs of panel material 2 and the body of zipper material 3 with the laser beam 6. The webs of panel material 2 and the body of zipper material 3 are fed intermittently at a speed V predetermined to be changed by time T. The irradiator 5 is controlled on a feedforward control basis for the laser beam 6 to be regulated in amount Q, the amount Q being calculated from the speed V predetermined, to obtain a calculated value of amount Q. The laser beam 6 is regulated in accordance with the calculated value to heat and melt the webs of panel material 2 and the body of zipper material 3 uniformly irrespective of the speed V being changed.

No. of Pages : 26 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/12/2014

(21) Application No.1293/KOL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : APPARATUS AND METHOD FOR COLLISION AVOIDANCE BETWEEN HYBRID AUTOMATIC REPEAT REQUEST TRANSMISSION AND DEVICE TO DEVICE TRANSMISSION IN COMMUNICATION SYSTEM SUPPORTING DEVICE TO DEVICE SCHEME

(51) International classification :H04L
(31) Priority Document No :1410/KOL/2013
(32) Priority Date :13/12/2013
(33) Name of priority country :India
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)ANIL AGIWAL**
**2)YOUNG-BIN CHANG**

(57) Abstract :
A method for avoiding a collision between a hybrid automatic repeat request (HARQ) transmission and a device to device (D2D) transmission by a base station (BS) in a communication system supporting a D2D scheme is provided. The method includes determining whether a user equipment (UE) is a legacy UE or a non- legacy UE, determining non-D2D sub-frames which will collide with D2D sub-frames if the UE is the non-legacy UE,determining whether the non-D2D sub-frames are available, and scheduling a new HARQ packet for the UE in the determined non-D2D sub-frames if the determined non-D2D sub-frames are available.

No. of Pages : 93 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2014

(21) Application No.2813/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND ARRANGEMENT IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04L1/00,H04W72/04
(31) Priority Document No :61/646073
(32) Priority Date :11/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2013/000070
Filing Date :10/05/2013
(87) International Publication No :WO 2013/169170
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)HAMMARWALL David**

(57) Abstract :
The Invention relates to methods and arrangements in a transmitting node (560) and a receiving node (540) In a wireless communications system (500). A plurality of transmission configurations is available for transmitting an Information carrying elgnal from the transmitting node to the receiving node. The transmitting node determines (940) a plurality of muting configurations and selects (950) a transmission configuration. Each muting configuration corresponds to at least one transmission configuration. The transmitting node transmits (960) a dynamic configuration message identifying the at least one muting configuration that corresponds to the selected transmission configuration to the receiving node and transmits (970) the information carrying signal to the receiving node according to the selected transmission configuration. The receiving node receives (910 920) the dynamic configuration message and the information carrying signal and decodes (930) the received Information carrying signal taking the at least one muting configuration Into account.

No. of Pages : 51 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2014

(21) Application No.2814/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ADAPTATING A NUMBER OF AGGREGATION LEVELS FOR CONTROL CHANNEL ELEMENTS

(51) International classification :H04J11/00,H04L27/26
(31) Priority Document No :61/696501
(32) Priority Date :04/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2013/007732
Filing Date :28/08/2013
(87) International Publication No :WO 2014/038813
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)PAPASAKELLARIOU Aris**
**2)JI Hyoung Ju**

(57) Abstract :
Methods and apparatus are described for a base station to transmit and for a User Equipment (UE) to detect a Physical Downlink Control CHannel (PDCCH) conveying a Downlink Control Information (DCI) format scheduling data reception or data transmission by the UE. The base station transmits a PDCCH and the UE decodes candidate PDCCHs using a number of Control Channel Elements (CCEs) from a first set of CCEs for a first DCI format and using a number of CCEs from a second set of CCEs for a second DCI format depending on a maximum code rate for the DCI format transmission or on a scheduling bandwidth.

No. of Pages : 38 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2014

(21) Application No.2695/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : TABLETS WITH COATING AND THE PRODUCTION THEREOF

(51) International classification :A61K9/28
(31) Priority Document No :12002988.9
(32) Priority Date :27/04/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/000971
Filing Date :02/04/2013
(87) International Publication No :WO 2013/159861
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)BERNHARDT Sandra Erika**
**3)BREIDUNG Melanie Mechthild**
**4)LUBDA Dieter**
**5)OHREM Hans Leonhard**

(57) Abstract :
The present invention provides a rapidly disintegrating pharmaceutical formulation in the form of a tablet provided with a coating which has increased mechanical strength or hardness. The invention further relates to the production of said coated tablets and to the use of said formulations.

No. of Pages : 77 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2014

(21) Application No.2696/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FILLING ELEMENT AND FILLING MACHINE

(51) International classification :B65B39/00,B65B39/04,B67C3/00
(31) Priority Document No :10 2012 014 957.3
(32) Priority Date :30/07/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/002088
Filing Date :13/07/2013
(87) International Publication No :WO 2014/019642
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)KRULITSCH Dieter Rudolf**

(57) Abstract :
The invention relates to a filling element of a filling system or of a filling machine for filling cans or similar containers (2) with liquid contents comprising a filling element housing (6) which has at least one dispensing opening (8) on a housing portion (6.1) for dispensing the contents into the respective container in a controlled manner comprising a sealing tulip (13) which can be moved relative to the housing portion (6.1) in a filling element axis (FA) between a raised position and a lowered position so as to seal against an opening edge (2.1) of the container (2) and comprising sealing means (16) for sealing the transition between the sealing tulip (13) and the filling element housing (6).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2014

(21) Application No.2698/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ACTUATOR FOR IGNITION OPERATION

(51) International classification :G01M17/007
(31) Priority Document No :2012-102064
(32) Priority Date :27/04/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/058096
Filing Date :21/03/2013
(87) International Publication No :WO 2013/161461
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)Kazuhisa OTSUKI**

(57) Abstract :
It has been difficult to achieve a more compact operation section in rotating actuators for an ignition operation in which a motor is used as a drive source, because of the use of a rack and pinion, ball screw, ball nut, or the like to change the rotation of the motor into a linear motion of an operation button. An actuator (1) for an ignition operation is provided with: a drive section (2) provided with a motor, gear box, and rotation transmission coupling; a flexible shaft (3) driven to rotate by the drive section; and an operation section (4) for operating, by pressing thereon, a push-type vehicular ignition, the operation section (4) being attached to the distal end of the flexible shaft (3). The operation section is provided with a push button (5) for pushing on the push-type ignition, and a cam (7) as a motion conversion mechanism for converting the rotation of the flexible shaft into the linear motion of the push button.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/12/2014

(21) Application No.2842/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HEATING FURNACE EXTRACTION ORDER GENERATION DEVICE HEATING FURNACE EXTRACTION ORDER GENERATION METHOD AND STEEL PLATE PRODUCTION METHOD

(51) International classification :B21B37/00,C21D1/00,C21D9/00
(31) Priority Document No :2012143349
(32) Priority Date :26/06/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/066626
Filing Date :17/06/2013
(87) International Publication No :WO 2014/002816
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)YOSHINARI Yusuke**
**2)NAKATSUJI Kazuhiro**

(57) Abstract :
A pattern generation unit (103) generates a plurality of process patterns incorporating each process in a transit process for each rolling material and occupancy time of equipment used in the processes. An optimal heating furnace extraction order generation unit (104) generates modes incorporating the process patterns selected one at a time for each process in the transit process for each rolling material selects on the basis of equipment constraint conditions and constraint conditions for the quality of rolling material manufactured articles a rolling material mode combination having the shortest total rolling time and generates on the basis of the selected rolling material mode combination a rolling schedule and a heating furnace extraction order for the rolling material. As a result steel plate production efficiency can be improved while improving steel plate rolling efficiency and satisfying manufactured article quality conditions.

No. of Pages : 72 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/12/2014

(21) Application No.2844/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FRICTION CLUTCH ASSEMBLY

(51) International classification :F16D13/64
(31) Priority Document No :2012901974
(32) Priority Date :14/05/2012
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2012/000610
Filing Date :31/05/2012
(87) International Publication No :WO 2013/170288
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)BIBBY Damian**

(57) Abstract :
A clutch plate (10) including first and second plates (11) and (12) with the first plate (11) having a friction material (14 15) applied about its peripheral edge. A hub (20) for connection to an output shaft and having a hub flange (24). The first and second plates (11 12) being angularly displaceable relative to each other and being coupled by at least two drive springs (30 31). A sleeve (40) extends about a portion of each of the drive springs (30 31) so that a portion (38) of each of the drive springs (30 31) extends out of the sleeve (40). The sleeve (40) being interposed between a radially outer surface of the springs (30 31) and a facing bearing surface (57) formed by the plates (11 12). The arrangement is such that during compression of the springs (30 31) the springs (30 31) are moveable within the sleeves (40) relative to the sleeves (40) and the sleeves (40) are moveable relative to the bearing surface (57) of the plates (11) and (12).

No. of Pages : 32 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2014

(21) Application No.1279/KOL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : USE OF NONWOVEN MATERIAL AS DEPOT DEVICE FOR AT LEAST ONE ACTIVE MEDIUM AND NONWOVEN MATERIAL

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|---|---|
| (51) International classification | :A47L13/16 |
| (31) Priority Document No | :13 196 502.2 |
| (32) Priority Date | :10/12/2013 |
| (33) Name of priority country | :EPO |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

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(72)**Name of Inventor :**
**1)DR. CLAUDIO CINQUEMANI**

(57) Abstract :
Use of a nonwoven material comprising filaments of plastic, in particular of thermoplastic material as depot device or storage device for at least one active medium, in particular for at least one liquid active medium. The filaments are spun by means of a spinneret, wherein the plastic of the filaments is foamed so that pores are formed at least on the surface or in the surface region of the filaments, wherein at least a portion of the pores consists of pores which are open towards the outside and wherein the open pores are filled at least partially with the active medium in particular with the liquid active medium.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/12/2014

(21) Application No.2832/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : RESOURCES FOR MULTI CELL CHANNEL STATE INFORMATION FEEDBACK

(51) International classification :H04L5/00,H04W72/04
(31) Priority Document No :61/645984
(32) Priority Date :11/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2013/000068
Filing Date :08/05/2013
(87) International Publication No :WO 2013/169168
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)CHENG Jung Fu**
**3)FALAHATI Sorour**
**4)FRENNE Mattias**
**5)LARSSON Daniel**

(57) Abstract :
User Equipment (700) reports single cell or multi cell channel state information to a base station (600) on a PUCCH Format 3 resource. The PF 3 resource selected depends on whether ACK/NACK needs to be reported simultaneously. Different coding and/or scrambling and/or Interleaving schemes are used depending on whether ACK/NACK bits are present as well as the number of ACK/NACK and/or CSI bits. Resource compatibility is maintained independently of the details of coding interleaving or scrambling that is all formats can be orthogonally multiplexed onto the same time frequency resources. The format used for CSI only is PUCCH Format 3c (PF 3c) whereas the PUCCH Format used for CSI and ACK/NACK is PUCCH Format 3b (PF 3b). PUCCH Formats 3b and 3c may be further differentiated depending on whether a CSI from a single or multiple cells are reported or from which cells (PCell SCeil) an ACK/NACK is reported. Ambiguity may be resolved by using different spreading codes for reference signals In PF 3b and 3c formats.

No. of Pages : 37 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/12/2014

(21) Application No.2835/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ENHANCED RECEIVER CONFIGURATION ADAPTIVE TO CYCLIC PREFIX CONFIGURATION

(51) International classification :H04J11/00,H04L27/26
(31) Priority Document No :61/646522
(32) Priority Date :14/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2013/050537
Filing Date :14/05/2013
(87) International Publication No :WO 2013/172772
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)SIOMINA Iana**
**2)KAZMI Muhammad**

(57) Abstract :
A method in a first radio node is described for adapting a receiver type in the first radio node. The first radio node comprises a first and a second receiver types. The first radio node is comprised in a wireless communications network which further comprises a second radio node and at least one third radio node. The method comprises determining a Cyclic Prefix CP length of at least one radio signal transmitted by the second radio node and a CP length of at least one radio signal transmitted by the at least one third radio node. The first node then adapts the receiver type to be one of the first type and the second types. This is done based on a relation between the CP length of the radio signal transmitted by the second radio node and the CP length of the radio signal transmitted by the third radio node.

No. of Pages : 81 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/12/2014

(21) Application No.2836/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ENHANCED RECEIVER ADAPTATION BASED ON RELATION BETWEEN SIGNALS FROM AGGRESSOR AND VICTIM CELLS

(51) International classification :H04J11/00
(31) Priority Document No :61/646534
(32) Priority Date :14/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2013/050539
Filing Date :14/05/2013
(87) International Publication No :WO 2013/172773
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)KAZMI Muhammad**

(57) Abstract :
A method in a first radio node (511) for adapting a receiver type is described. The first radio node (511) comprises a first a second different receiver type. The first radio node (511) is comprised in a wireless communications network (500) which further comprises a second (512) and at least one third radio node (513). The method comprises adapting (602) the receiver type to be one of the first and the second types in the first radio node (511) for receiving first signals from the second radio node (512) based on a relation between an activity of the first signals and second signals received from the at least one third radio node (513). The first signals comprise signals received from a first cell associated with the second radio node (512). The second signals comprise signals received from a second cell associated with the at least third radio node (513). The at least third radio node (513) causes interference on the first signals.

No. of Pages : 95 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2014

(21) Application No.2692/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : USER INTERFACE INTERACTION METHOD AND APPARATUS APPLIED IN TOUCHSCREEN DEVICE AND TOUCHSCREEN DEVICE

(51) International classification :G06F3/00
(31) Priority Document No :201210184210.1
(32) Priority Date :05/06/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/076701
Filing Date :04/06/2013
(87) International Publication No :WO 2013/182034
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)LIU Jing**
**2)WU Xiaojun**
**3)SHEN Yang**
**4)GUO Yu**

(57) Abstract :
Disclosed are a user interface interaction method and apparatus applied in a touchscreen device and a touchscreen device. The method comprises: combining at least two single function buttons on a user interface of the touchscreen device into a multi function button and monitoring a real time touch operation of a user on the multi function button; determining a type of the touch operation according to time of the touch operation; and unfolding the at least two single function buttons in sequence around the multi function button according to the type of the touch operation. The method apparatus and touchscreen device in the embodiments of the present invention solve the problem in the prior art that the performance of the touchscreen device is low because it is inconvenient for a user to operate the touchscreen device.

No. of Pages : 58 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/12/2014

(21) Application No.2839/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND DEVICE RELATING TO CONNECTION TO HOTSPOT

(51) International classification :H04W48/10,H04W76/02,H04W16/32
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/SE2012/050515
Filing Date :15/05/2012
(87) International Publication No :WO 2013/172749
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)KRONANDER Jonas**
**2)SELÉN Yngve**

(57) Abstract :
Embodiments comprise a method and a corresponding device (11) for facilitating connection to a wireless hotspot (5) with associated coverage area (7). The device (11) obtains local CPC information (27) which relates to the hotspot (5). The device (11) then transmits the local CPC information (27) in an area that corresponds to the coverage area (7) of the hotspot (5) The local CPC information (27) may toe transmitted using radio resources which have been reserved for use in outband broadcast. CPC transmissions. The transmission of local CPC information (27) may fee performed using a resource sharing scheme (200b) Embodiments further comprise a method in a user equipment and a corresponding user equipment (9). The user equipment (9) receives a transmission (69;87) of local CPC information (27) relating to a wireless hotspot (5) and may then use the received local CPC information to efficiently connect (71; 93) to the hotspot (5).

No. of Pages : 51 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/12/2014

(21) Application No.2840/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : APPARATUS AND METHOD THEREOF FOR SETTING UP DEVICE TO DEVICE COMMUNICATION

(51) International classification :H04W76/02
(31) Priority Document No :12168030.0
(32) Priority Date :15/05/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/059817
Filing Date :13/05/2013
(87) International Publication No :WO 2013/171161
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)HAGERMAN Bo**
**2)LINDOFF Bengt**

(57) Abstract :
The present disclosure relates to a scheduling apparatus (109) configured for being comprised in a network node in a cellular radio communication system (110).The apparatus comprises processor circuitry and a storage unit storing instructions that when executed by the processor circuitry cause the scheduling apparatus to obtain topographical information concerning a geographical area covered by the communication system from a database (111) comprising the topographical information. The instructions also cause the scheduling apparatus to obtain information about a geographical position held by a first wireless communication terminal (101) and a geographical position held by a second wireless communication terminal (102) of the communication system within said area. The instructions also cause the scheduling apparatus to determine based on the obtained topographical information and on the obtained geographical positions whether direct wireless communication should be set up between the first wireless communication terminal and the second wireless communication terminal. The instructions also cause the scheduling apparatus to allocate frequency and/or time resources for the direct communication between the terminals if it has been determined that direct wireless communication should be set up.

No. of Pages : 41 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2014

(21) Application No.2700/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND DEVICE FOR RECORDING INFORMATION IN MOBILE TERMINAL

(51) International classification :G06F3/048
(31) Priority Document No :201210484408.1
(32) Priority Date :23/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/078863
Filing Date :05/07/2013
(87) International Publication No :WO 2014/079217
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)LIU Xiaohua**
**2)CHEN Zhen**
**3)CHEN Dongliang**

(57) Abstract :
Disclosed are a method and device for recording information in a mobile terminal. The method can include: detecting the acceleration of a mobile terminal; judging whether the acceleration reaches a preset threshold; and if the acceleration reaches the preset acceleration threshold starting a recording function of the mobile terminal to record information. By means of the present invention quick starting of a recording function can be realized without adding a special key on the limited shell area of a mobile terminal which facilitates application in a touchscreen mobile terminal. In light of a user if starting a recording function is desired a mobile terminal can be forcibly shaken and then the recording function can start automatically without the user needing to look up related software in a user interface to perform operations such as starting ensuring a fast operation.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2014

(21) Application No.2701/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : APPARATUS AND METHOD FOR RANDOM ACCESS IN WIRELESS COMMUNICATION SYSTEM USING BEAMFORMING

(51) International classification :H04B7/02,H04B7/26
(31) Priority Document No :1020120072431
(32) Priority Date :03/07/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/005909
Filing Date :03/07/2013
(87) International Publication No :WO 2014/007546
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)PARK Jeong Ho**
**4)JEONG Su Ryong**
**5)CHOI Joon Young**

(57) Abstract :
An apparatus implements methods for random access in a wireless communication system using beamforming. A Subscriber Station (SS) measures a best downlink transmission beam among downlink transmission beams transmitted from a Base Station (BS) and transmits Random Access Channel (RACH) information which includes indication information indicating the best downlink transmission beam to the BS. The BS receives RACH information which includes indication information indicating a best downlink transmission beam among downlink transmission beams and detects an RACH sequence and the best downlink transmission beam from the received RACH information.

No. of Pages : 43 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2014

(21) Application No.2702/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : VIDEO COMMUNICATION METHOD AND APPARATUS

(51) International classification :H04N7/14
(31) Priority Document No :201210521772.0
(32) Priority Date :06/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/086648
Filing Date :06/11/2013
(87) International Publication No :WO 2014/086223
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)LIN Xingsheng**

(57) Abstract :
Disclosed are a video communication method and apparatus. The method comprises: acquiring configuration information of a terminal with whom the video communication is performed; selecting according to the configuration information the corresponding camera resolution as the resolution used to collect the video; and collecting the video according to the resolution used to collect the video and sending the video to the object terminal. With the video communication method and apparatus according to the embodiments of the present invention the resolution used by the local camera to collect the video is automatically matched according to the configuration information of the object terminal and the object terminal does not need to perform unidirectional tension or compression or clipping on the received video thereby avoiding the veracity reduction of the picture and improving user experience.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/12/2014

(21) Application No. 2859/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : WET DRAWING MACHINE PARTICULARLY FOR DRAWING VERY HIGH STRENGTH STEEL WIRES

(51) International classification :B21C1/00,B21C1/06,B21C9/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IT2012/000201
Filing Date :27/06/2012
(87) International Publication No :WO 2014/002121
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)ARNOLDI Luigi**

(57) Abstract :
A wet wire drawing machine (la 1 b) particularly for drawing very high strength steel wires comprising: a station (2) for unwinding a coil of crude wire (3) from a rotating spool (200) · a plurality of intermediate drawing stations (4 5 6) which are arranged sequentially with respect to each other and are provided with means (7) for the lubrication of at least the drawplates (8) with which they are provided · anti slip pulling means (18) which are associated with the last intermediate wire drawing station (6) for the elimination of irregularities in the wire (19) processed in the intermediate wire drawing stations (4 5 6) and for attenuation of the vibrations of the rotating elements of the intermediate wire drawing stations (4 5 6) · a final wire drawing station (24) which is provided with wire straightening means (25) so as to obtain a processed wire (19) having the desired geometric shape and mechanical characteristics a coil winder (33) arranged in output with respect to the final wire drawing station (24) so as to wind the processed wire (19) into a coil (34).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2014

(21) Application No.1234/KOL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A NEEDLE ADAPTED FOR USE IN A SURGICAL SUTURING DEVICE

(51) International classification :A61B17/04
(31) Priority Document No :11/738,129
(32) Priority Date :20/04/2007
(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 :
Filed on :01/01/1900

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**4)BRECK PETRILLO**
**5)MICHAEL PEREIRA**
**6)DAVID ROBSON**
**7)THOMAS WEISEL**
**8)CHARLES JOHNSON**
**9)DAVID SKINLO**

(57) Abstract :
A needle adapted for use in a surgical suturing device, the needle comprising: a needle with a proximal end and a distal end, with at least a distal portion of the needle formed from a bendable material having a generally flat, narrow and elongate configuration, and with a sharp needle tip located at a distal end of the distal portion; and a finger tab connected to the bendable needle at or near a proximal end of the needle for loading the needle into the surgical suturing device.

No. of Pages : 85 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2014

(21) Application No.2712/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : IMAGE PROCESSING METHOD AND APPARATUS

(51) International classification :G06F3/048
(31) Priority Document No :201210242268.7
(32) Priority Date :12/07/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/078983
Filing Date :08/07/2013
(87) International Publication No :WO 2014/008841
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)LI Weixing**
**3)WANG Yahui**

(57) Abstract :
An image processing method and an apparatus are disclosed and are used for improving the display effect of the image. The method involves: determining an object application picture and the real environment of the object application according to triggering of a preview event; acquiring a background picture according to the real environment of the object application; processing at least one of the object application picture and the background picture so that the object application picture is more significant than the background picture; outputting the combination of the object application picture and the background picture in the preview environment. An apparatus for implementing the method is disclosed.

No. of Pages : 34 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2014

(21) Application No.2713/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PHARMACEUTICAL COMPOSITION COMPRISING CRYSTALLINE POSACONAZOLE

| | |
|---|---|
| (51) International classification | :A61K9/10,A61K31/496,A61K47/44 |
| (31) Priority Document No | :12172032.0 |
| (32) Priority Date | :14/06/2012 |
| (33) Name of priority country | :EPO |
| (86) International Application No<br>Filing Date | :PCT/EP2013/062298<br>:13/06/2013 |
| (87) International Publication No | :WO 2013/186320 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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**2)MOHR Christine**
**3)STUBAUER Gottfried**

(57) Abstract :
The present invention relates to a pharmaceutical composition which comprises crystalline posaconazole and one or more non ionic surfactants wherein at least one non ionic surfactant is an ethoxylated hydrogenated castor oil.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/12/2014

(21) Application No.2861/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : WIRELESS COMMUNICATION METHOD BASE STATION AND TERMINAL THEREOF

(51) International classification :H04W72/04
(31) Priority Document No :201210178970.1
(32) Priority Date :01/06/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/076530
Filing Date :31/05/2013
(87) International Publication No :WO 2013/178085
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)CHEN Xiaobo**
**2)LI Yang**
**3)WAN Lei**

(57) Abstract :
The present invention provides a wireless communication method base station and terminal. The method comprises the steps of: the base station notifies the terminal to set at least one wireless frame as the first wireless frame according with the first subframe ratio by transmitting configuration notifying information to the terminal. This first wireless frame includes N 1 downlink subframes one special subframe and zero uplink subframe. Another method comprises the steps of by transmitting the third wireless configuration message and the second dynamic subframe indicating message to the terminal in order to set at least a forth wireless frame as the sixth wireless frame according with the third subframe ratio or set it as the seventh wireless frame according with the forth subframe ratio or set at least a fifth wireless frame as the seventh wireless frame according with the forth subframe ratio. The sixth wireless frame includes zero downlink subframe zero special subframe and N uplink subframes the seventh wireless frame includes zero downlinke subframe one special subframe and N 1 uplink subframes.

No. of Pages : 84 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/12/2014

(21) Application No.2862/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND ARRANGEMENT IN A COMMUNICATIONS NETWORK

(51) International classification :H04W72/12
(31) Priority Document No :61/647972
(32) Priority Date :16/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2013/050530
Filing Date :13/05/2013
(87) International Publication No :WO 2013/172769
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)KAZMI Muhammed**
**2)SIOMINA Iana**

(57) Abstract :
A method in a network node for adapting a Secondary cell SCell command to a user equipment UE is provided. The SCell command is a setup or release command. The UE is a multi carrier capable UE. The network node adapts (302) the SCell command by advancing or delaying the timing of sending said SCell command with respect to a start of a transmission occasion of disjoint signals on which the UE or the network node is performing at least one of a measurement wherein the disjoint signal is a signal that is not used for performing the measurement in every subframe a data transmission wherein the disjoint signal is a signal that is not used for transmitting the data in every subframe and a data reception wherein the disjoint signal is a signal that is not used for receiving the data reception in every subframe.

No. of Pages : 57 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.2733/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SESSION ESTABLISHMENT METHOD SERVER DEVICE SYSTEM AND APPARATUS

(51) International classification :H04L29/08
(31) Priority Document No :201210362545.8
(32) Priority Date :25/09/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/084116
Filing Date :24/09/2013
(87) International Publication No :WO 2014/048305
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)LI Hui**
**3)SHI Xin**
**4)DENG Chaofeng**

(57) Abstract :
The disclosed embodiment provides a session establishment method server device and apparatus and relates to the technical field of communications. In said disclosed embodiment a first user sends a session request said user is then matched to a session target and only an identifier of the first user s session target a second user is fed back to a terminal thereby enabling the terminal to identify the session target by means of an identifier while not divulging any personal information without gaining user permission. This results in the establishment of a temporary session for the user without the possibility of revealing personal user information thus strengthening the security of personal user information.

No. of Pages : 72 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/11/2014

(21) Application No.2734/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : LAMINATED FOAM PRODUCT AND METHODS FOR MAKING LAMINATED FOAM PRODUCTS

(51) International classification :B32B3/26,B29C65/02,B32B5/32
(31) Priority Document No :61/650248
(32) Priority Date :22/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/042207
Filing Date :22/05/2013
(87) International Publication No :WO 2013/177271
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**4)LOH Roland R.**
**5)LIGHTLE Rodger D.**
**6)HETTLER Neil Robert**
**7)QI Weigang**
**8)KUNKLER William Anthony**

(57) Abstract :
Thermally laminated foam boards methods for making thermally laminated foam boards apparatus for making thermally laminated foam boards smaller foam pieces made from thermally laminated foam boards methods for making smaller foam pieces from thermally laminated foam boards parts made from thermally laminated foam boards methods for making parts from thermally laminated foam boards and tools for making parts from thermally laminated foam boards are disclosed. The thermally laminated foam boards are made by thermally bonding at least two polystyrene boards together.

No. of Pages : 81 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/11/2014

(21) Application No.2736/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PICTURE DISPLAY PROCESSING METHOD AND DEVICE

(51) International classification :G06F3/048
(31) Priority Document No :201210292419.X
(32) Priority Date :16/08/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/081620
Filing Date :16/08/2013
(87) International Publication No :WO 2014/026632
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)XU Fei**
**2)LI Weixing**
**3)WANG Yahui**

(57) Abstract :
Disclosed are a picture display processing method and a picture display processing device which are used for improving the picture display effect and efficiency. The method comprises: previewing wallpaper along with a sliding gesture from a first boundary of the wallpaper when acquiring a gesture sliding instruction of a user in a first display region under a wallpaper preview application; and previewing the wallpaper along with the sliding gesture from a second boundary of the wallpaper when acquiring a gesture sliding instruction of the user in a second display region under the wallpaper preview application. Further disclosed is a device for implementing the method.

No. of Pages : 32 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/11/2014

(21) Application No.2737/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND DEVICE FOR USER INTERFACE MANAGEMENT

(51) International classification :G06F3/0488
(31) Priority Document No :201210465079.6
(32) Priority Date :16/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/078896
Filing Date :05/07/2013
(87) International Publication No :WO 2014/075451
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)WENG Haibin**
**2)WANG Bin**
**3)LIU Daokuan**

(57) Abstract :
Disclosed are a method and device for user interface management. A user interface can display different layers. The different layers comprise icons of application programs which are not completely the same. A user can change the layer currently displayed on the user interface by performing a simple touch gesture on a touchscreen so as to quickly find a set of application programs currently required to be used. Thereby the user operation is simplified.

No. of Pages : 58 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2014

(21) Application No.2887/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ELECTROLYTIC CELL FOR PRODUCTION OF RARE EARTH METALS

(51) International classification :C25C7/00,C25C3/34
(31) Priority Document No :2012902017
(32) Priority Date :16/05/2012
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2013/000500
Filing Date :15/05/2013
(87) International Publication No :WO 2013/170299
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)KENIRY Jeffrey**
**2)KJAR Anthony Rudland**

(57) Abstract :
An electrolytic cell for production of rare earth metals is disclosed. The electrolytic cell includes a cell housing provided with one or more inclined channels disposed in a floor of the cell housing along which channel(s) molten rare earth metals produced in the electrolytic cell can drain. One or more cathodes are suspended within the cell housing in substantially vertical alignment with the one or more channels. Respective opposing surfaces of the one or more cathodes are downwardly and outwardly inclined at an angle from the vertical. One or more pairs of anodes are suspended within the cell housing; each anode in the one or more pairs has a facing surface inclined from the vertical and spaced apart in parallel alignment with respective opposing inclined surfaces of the one or more cathodes to define a substantially constant anode cathode distance therebetween. The electrolytic cell also includes a sump for receiving molten rare earth metals from the channel wherein the sump is spaced apart and isolated from the one or more cathodes and the one or more anodes. Separation of the molten rare earth metals from the cathode(s) and the anode(s) prevents reaction and/or contamination with fugitive carbon arising from the anode(s) or back reaction with off gases.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/11/2014

(21) Application No.2747/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FEEDBACK METHOD AND APPARATUS FOR COOPERATIVE TRANSMISSION OF MULTIPLE CELLS

(51) International classification :H04B17/00,H04B7/04
(31) Priority Document No :61/654259
(32) Priority Date :01/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2013/004873
Filing Date :03/06/2013
(87) International Publication No :WO 2013/180549
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)LEE Hyo Jin**
**2)KIM Youn Sun**
**3)LEE Ju Ho**

(57) Abstract :
A method and an apparatus for an interference measurement method of a terminal in a mobile communication system is provided. The method includes measuring a signal component based on at least one Channel Status Information Reference Signal (CSI RS) allocated by a base station measuring an interference component based on at least one Interference Measurement Resource (IMR) allocated by a base station receiving a feedback combination configuration of the signal component and the interference component generating feedback information including at least one of at least one Channel Quality Indicator (CQI) at least one Rank Indicator (RI) and at least one Precoding Matrix Indicator (PMI) and transmitting the feedback information to the base station.

No. of Pages : 41 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2014

(21) Application No.2900/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PROGESTERONE RECEPTOR MODULATORS FOR USE IN PREVENTING OR TREATING ANDROGEN MEDIATED DISEASES

| | |
|---|---|
| (51) International classification | :A61K31/00,A61K31/57,A61P5/24 |
| (31) Priority Document No | :12168319.7 |
| (32) Priority Date | :16/05/2012 |
| (33) Name of priority country | :EPO |
| (86) International Application No<br>Filing Date | :PCT/IB2013/053959<br>:15/05/2013 |
| (87) International Publication No | :WO 2013/171684 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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**1)POHL Oliver**
**2)GOTTELAND Jean Pierre**

(57) Abstract :
The present invention relates generally to a progesterone receptor modulator or any metabolite thereof for use in the prevention or treatment of androgen mediated diseases characterized in that said progesterone receptor modulator or any metabolite thereof is administered to a subject in need thereof.

No. of Pages : 18 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2014

(21) Application No.2901/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AN ANCHOR MECHANISM AND A CABLE ROCK BOLT

(51) International classification :E21D21/00
(31) Priority Document No :2012902554
(32) Priority Date :18/06/2012
(33) Name of priority country :Australia
(86) International Application No :PCT/EP2013/062060
Filing Date :11/06/2013
(87) International Publication No :WO 2013/189785
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :S 811 81 Sandviken Sweden
(72)**Name of Inventor :**
**1)RATAJ Mieczyslaw**

(57) Abstract :
An expander mechanism 10 and a cable bolt in which the expander mechanism includes gripper elements 13 which define a central bore 14 into which a cable end 15 can be inserted. A housing 16 houses the elements 13 and the housing 16 and the elements 13 cooperate slidingly along facing inclined surfaces 17 18 so that relative movement increases or decreases the diameter of the central bore 14. A plurality of expander elements 25 cooperate slidingly against an outside surface 26 of the housing 16 so that movement of the housing 16 relative to the expander elements 25 can shift the expander elements 25 radially outwardly. The housing 16 has front and rear ends 21 31 and an opening 32 formed in the rear end 31 to allow insertion of the cable 1 1 to enter the central bore 14 of the gripper elements 13. A biasing arrangement 34 acts between the housing 16 and the expander elements 25 to bias the expander elements 25 in a direction relative to the housing 16. A cable bolt including an expansion mechanism 10 is also provided.

No. of Pages : 30 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2014

(21) Application No.2902/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD OF FEEDING MATERIAL TO A HORIZONTAL SHAFT IMPACT CRUSHER AND A CRUSHING DEVICE

(51) International classification :B02C13/09,B02C13/286
(31) Priority Document No :12172806.7
(32) Priority Date :20/06/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/060694
Filing Date :24/05/2013
(87) International Publication No :WO 2013/189687
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**2)FORSBERG Andreas**
**3)KJAERRAN Knut**

(57) Abstract :
A crushing device comprises a horizontal shaft impact crusher (1) having an impeller (4) rotating around a horizontal shaft (6) and at least one curtain (16 18) against which material may be crushed. The crushing device further comprises a first feeding device (109) for feeding a first type of material to be crushed to a crushing chamber (10) of the horizontal shaft impact crusher (1) a second feeding device (117) for feeding a second type of material having a smaller average particle size than the first type of material to the crushing chamber (10) simultaneously with the first feeding device (109) feeding the first type of material to the crushing chamber and a mixing arrangement (8 54) for least partially mixing the first and the second types of materials with each other before bringing them into contact with the impeller (4).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2014

(21) Application No.1270/KOL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SHARP FIXATION TARGET

(51) International classification :A61B17/58
(31) Priority Document No :102014004248.0
(32) Priority Date :24/03/2014
(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 :**
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(72)**Name of Inventor :**
**1)MAREC WEBER**

(57) Abstract :
A method and an automated device for stabilizing the constant accommodation of the patients eye in the case of low order aberrations are provided.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/11/2014

(21) Application No.2759/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PROGRAMMABLE DIGITAL UP CONVERSION FOR CONCURRENT MULTI BAND SIGNALS

(51) International classification :H04B1/00,H03D7/16
(31) Priority Document No :61/611892
(32) Priority Date :16/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/052526
Filing Date :28/03/2013
(87) International Publication No :WO 2013/136319
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)**
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(72)**Name of Inventor :**
**1)MORRIS Bradley John**

(57) Abstract :
Embodiments of a digital up conversion system for a concurrent multi band signal and methods of operation thereof are disclosed. In one embodiment a digital up conversion system includes multiple digital up converter chains each for a different frequency band of the concurrent multi band signal and a digital combiner that combines up converted signals output by the digital up converter chains to provide a combined digital signal. The combined digital signal is processed by one or more additional processing components including a digital to analog converter (DAC) to provide the concurrent multi band signal.

No. of Pages : 57 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/11/2014

(21) Application No.2760/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING DATA TRANSMISSION

(51) International classification :H04L1/00
(31) Priority Document No :201210148514.2
(32) Priority Date :14/05/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/087279
Filing Date :24/12/2012
(87) International Publication No :WO 2013/170609
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)LI Yunbo**
**2)WU Tianyu**
**3)YANG Xun**
**4)HAN Hui**

(57) Abstract :
A method and an apparatus for controlling data transmission can reduce collision between stations. The method comprises: determining at least one first station; and sending first indication information to the first station the first indication information being used for indicating at least one first rollback duration so that the first station performs a data transmission operation by using the first rollback duration the first rollback duration used when the first station performs the data transmission operation being smaller than a second rollback duration used when a second station performs a data transmission operation or the first rollback duration used when the first station performs the data transmission operation being greater than a second rollback duration used when a second station performs a data transmission operation. Rollback durations of some stations are shortened so that it can ensure that the stations send data first; rollback durations of some stations are lengthened so that it can ensure that other stations send data first. In this way collision between stations can be reduced.

No. of Pages : 84 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2014

(21) Application No.2761/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SHEARABLE SCREW ASSOCIATED SYSTEM AND DEVICE FOR SCREW CONNECTING ELECTRICAL CONDUCTORS WITH SUCH A SHEARABLE SCREW

(51) International classification :F16B31/02,F16B33/02,H01R4/36
(31) Priority Document No :10 2012 013 176.3
(32) Priority Date :29/06/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/001858
Filing Date :24/06/2013
(87) International Publication No :WO 2014/000881
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)FRANK Erich**

(57) Abstract :
The invention relates to a shearable screw (20) particularly for a device (1) for screw connecting electrical connectors (2 4) with a thread section (22) for screwing the shearable screw (20) into a terminal body (10) characterized in that the thread section (22) has a thread with an asymmetrical thread profile at least in certain sections particularly that the thread section (22) has a saw thread at least in certain sections. The invention further relates to a system (40) having such a shearable screw (20) and a thrust element (30) and to a device (1) with such a shearable screw (20) for screw connecting electrical conductors (2 4).

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2014

(21) Application No.2918/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CATHETER FOR PHOTODYNAMIC THERAPY

(51) International classification :A61M25/00,A61N5/06
(31) Priority Document No :61/649510
(32) Priority Date :21/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/041831
Filing Date :20/05/2013
(87) International Publication No :WO 2013/177043
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)BIEL Merrill**
**3)CALLAHAN MORGENS Soja Marie**

(57) Abstract :
The present invention provides a multi functional catheter ISO that can be used to irrigate a treatment site located within a body cavity to suction waste materials from the treatment site and to deliver a treatment composition in a generally uniform distribution pattern onto the treatment site. The present invention also provides a method to use this multi functional catheter for various applications including medical applications (e.g. photodynsmic therapy treatment of chronic recurrent sinusitis).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/11/2014

(21) Application No.1249/KOL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PRINTING APPARATUS

(51) International classification :B41J2/01
(31) Priority Document No :2013-266212
(32) Priority Date :24/12/2013
(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

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(72)**Name of Inventor :**
**1)MASAYUKI IZUME**

(57) Abstract :
An ink supply unit is a unitized member having a casing accommodating components therein. A plurality of plate cylinders are arranged in a circumferential direction at predetermined intervals. The ink supply unit corresponding to the plate cylinder is disposed on a radially outer side of the plate cylinder. The ink supply unit can move between an operation position in which ink can be supplied to the plate cylinder and a standby position located further to a radially outer side than the operation position.

No. of Pages : 30 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/12/2014
(21) Application No.2783/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CARD BASE FOR SIM CARD AND MOBILE TERMINAL

(51) International classification :H01R27/00
(31) Priority Document No :201210511367.0
(32) Priority Date :03/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/078925
Filing Date :05/07/2013
(87) International Publication No :WO 2014/086141
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)WANG Shaojie**
**2)ZHANG Jianjun**
**3)SHI Shasha**
**4)WU Fenghui**

(57) Abstract :
A card base (50) for a SIM card and a mobile terminal (100). The card base for a SIM card is used for placing a SIM card (60). The card base for a SIM card comprises: a shell (1) a signal conduction terminal (2) a card support (3) and an ejection mechanism (4). The signal conduction terminal is located on a main board (70). The shell and the main board region of the signal conduction terminal form an accommodation space the accommodation space being used for placing the card support and the ejection mechanism. The card support is used for placing a SIM card and also used for matching different types of SIM cards. The ejection mechanism is used for ejecting the card support from the accommodation space. The mobile terminal comprises the card base for a SIM card. By replacing different card supports the adaptation of a card base for a SIM card with different types of SIM cards is realized furthermore a mobile terminal with a SIM card is enabled to realize adaptation with different types of SIM cards so that a client can realize adaptation with a variety of cellular phones without replacing the current SIM card not only bringing great convenience to a user but also reducing the waste of resources.

No. of Pages : 24 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/12/2014

(21) Application No.2936/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD DEVICE AND MOBILE TERMINAL FOR DETECTING CAPACITIVE TOUCH SCREEN

(51) International classification :G06F3/044
(31) Priority Document No :201210222802.8
(32) Priority Date :29/06/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/087475
Filing Date :26/12/2012
(87) International Publication No :WO 2014/000402
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)WANG Kui**
**2)SHI Yukun**

(57) Abstract :
Embodiments of the present invention provide a method a device and a mobile terminal for detecting a capacitive touch screen which are capable of improving detection efficiency of the touch screen. The method comprises: obtaining according to a response of the touch screen to a touch operation in a preset area a response information set of the touch operation; if the response information set of the touch operation is inconsistent with a preset response information set determining that a working state of the touch screen is abnormal the preset response information set being a response to the touch operation in the preset area when the working state of the touch screen is normal. The embodiment of the present invention is applicable to the technical field of touch screens.

No. of Pages : 25 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/12/2014

(21) Application No.2937/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CARRIERS FOR IMPROVED DRUG DELIVERY

(51) International classification :A01N43/42,A01N25/00,C08F12/28
(31) Priority Document No :61/648516
(32) Priority Date :17/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/031788
Filing Date :14/03/2013
(87) International Publication No :WO 2013/172967
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)SOLIMAN Tarik M.**
**2)HALES Laura M.**
**3)SARD Howard P.**
**4)AMERE Mukkanti**

(57) Abstract :
The invention provides carriers that enhance the absorption half life or bioavailability of therapeutic compounds. The carriers comprise targeting groups that bind the Vitamin D Binding protein (DBP) conjugation groups for coupling the targeting groups to the therapeutic compounds and optionally scaffolding moieties.

No. of Pages : 90 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/12/2014

(21) Application No.2938/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DATA COMMUNICATION NETWORK

(51) International classification :H04L29/08,G06F15/16
(31) Priority Document No :1208915.7
(32) Priority Date :21/05/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2013/060414
Filing Date :21/05/2013
(87) International Publication No :WO 2013/174814
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)ROSBERG Odd Helge**

(57) Abstract :
A data communication network comprises a remote server (1) a local server in data communication with the remote server (1) via a remote telecommunication network and client computing devices (5) in data communication with the local server via a local data network. The local server is configured to receive data from the remote server (1) and to distribute the received data to the client computing devices (5) via the local data network. The local server comprises a plurality of plug computers (4) each plug computer in data communication with at least one other of the plug computers (4) via the local data network. At least one of the plug computers (4a) is configured to receive data from the remote server (1) via the remote telecommunication network and to communicate the received data to at least one other of the plug computers (4) via the local data network. Each client computing device (5) is in data communication with at least one of the plug computers (4) via the local data network to receive data received from the remote server (1).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2014

(21) Application No.2800/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : IMMOBILIZED CYCLOALIPHATIC PEPTIDE ACYLTRANSFERASE AND PREPARATION METHOD AND USES THEREOF

(51) International classification :C12N11/00,C12N11/14,C12N9/80
(31) Priority Document No :201210148392.7
(32) Priority Date :11/05/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/075508
Filing Date :10/05/2013
(87) International Publication No :WO 2013/166993
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)LIU Shidong**
**2)ZHANG Zhaoli**
**3)JI Xiaoming**

(57) Abstract :
Disclosed in the present invention are an immobilized cycloaliphatic peptide acyltransferase and a preparation method and uses thereof. The cycloaliphatic peptide acyltransferase is immobilized on a carrier; the cycloaliphatic peptide acyltransferase is derived from natural or artificial mutants or variants thereof or can be obtained by introducing a foreign cyclic acyltransferase gene and transforming thereafter; the material of the carrier is selected from an inorganic carrier or a polypropylene resin carrier. Also disclosed in the present invention are the preparation method for the immobilized cycloaliphatic peptide acyltransferase and uses thereof.

No. of Pages : 39 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/12/2014

(21) Application No.2946/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : TRACK STATUS MONITORING DEVICE

(51) International classification :G01B21/00,B61K9/08
(31) Priority Document No :2012119837
(32) Priority Date :25/05/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/062212
Filing Date :25/04/2013
(87) International Publication No :WO 2013/175930
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)SODA Yoshinobu**
**2)MASUDA Iwao**

(57) Abstract :
Provided is a track status monitoring device provided with: an acceleration detection section provided on a railway car said acceleration detection section detecting from among accelerations generated on a wheel of the railway car at least an acceleration in a wheel axle direction; a rail position detection section provided on the railway car said rail position detection section detecting a value indicating a wheel axis direction position of a rail relative to the wheel; an integral computation section that computes a value based on a double integral of the acceleration detected by the acceleration detection section; and a subtraction computation section that by subtracting from the value computed by the integral computation section the value detected by the rail position detection section offsets the meandering component of the wheel and computes a displacement quantity in the left/right direction of the rail.

No. of Pages : 33 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/12/2014

(21) Application No.2948/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : STEREOGRAPHIC PROJECTION DEVICE WITH LOW THROW RATIO AND HIGH LIGHT EFFECT AND STEREOGRAPHIC PROJECTION SYSTEM

(51) International classification :G02B27/26
(31) Priority Document No :201320549548.2
(32) Priority Date :05/09/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2014/070688
Filing Date :15/01/2014
(87) International Publication No :WO 2015/032173
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)LI Yanlong**
**2)DENG Xianjun**
**3)WANG Yetong**

(57) Abstract :
A stereographic projection device with a low throw ratio and a high light effect comprising: a polarization and light splitting assembly (302) which splits projected light beams into a transmitted light beam (201) a first reflected light beam (202) and a second reflected light beam (203); a polarization state conversion assembly (303 304) which adjusts the polarization state of the transmitted light beam or the polarization states of the first reflected light beam and the second reflected light beam; a light path direction adjustment assembly (305 306) which adjusts the propagation direction of the transmitted light beam or the propagation directions of the first reflected light beam and the second reflected light beam; a light beam size adjustment assembly (307) which adjusts the ranges of the sizes of the transmitted light beam the first reflected light beam and the second reflected light beam; and a light modulator (309) which modulates the transmitted light beam the first reflected light beam and the second reflected light beam which have been adjusted into left hand circularly polarized light and right hand circularly polarized light in accordance with a frame sequence. A stereographic projection device with a low throw ratio and a high light effect can effectively reduce an optical path difference between a reflected light beam and a transmitted light beam so that the volume of the whole device is greatly reduced and the superposition of various light beams becomes simpler.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/12/2014

(21) Application No.2820/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SHOCK ABSORBER

(51) International classification :F16F9/00
(31) Priority Document No :P2012-149201
(32) Priority Date :03/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/063642
Filing Date :16/05/2013
(87) International Publication No :WO 2014/006985
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)TAKUYA TORIUMI**

(57) Abstract :
A shock absorber includes: an outer tube 1 having an open end portion 1a; a piston rod 2 inserted into the outer tube 1 to be free to advance and retreat; a seal member 12 that seals the open end portion la of the outer tubel; a tubular cover 3 that covers a projecting portion of the piston rod 2 projecting from the seal member and the open end portion la of the outer tube 1; and a guide ring 4 provided on an outer periphery of the open end portion la of the outer tube 1 or an outer periphery of the seal member 12 such that an outer periphery thereof opposes an inner periphery of the cover 3, wherein the guide ring 4 includes a plurality of cutouts 4b disposed at circumferential direction intervals in the outer periphery thereof.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/12/2014

(21) Application No.2821/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : 18F LABELLED FOLATE/ANTIFOLATE ANALOGUES

(51) International classification :C07D475/04,C07B59/00,A61K31/522
(31) Priority Document No :12167126.7
(32) Priority Date :08/05/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/059584
Filing Date :08/05/2013
(87) International Publication No :WO 2013/167653
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**2)MOSER Rudolf**
**3)MLLER Cristina Magdalena**
**4)AMETAMEY Simon Mensah**
**5)BETZEL Thomas**
**6)GROEHN Viola**

(57) Abstract :
1818The present invention is directed towards new F folate/antifolate analogue radiopharmaceuticals wherein the phenyl group within folate structures has been replaced by an F heterocycle their precursors a method of their preparation as well as their use in diagnosis of a cell or population of cells expressing a folate receptor and monitoring of cancer and inflammatory and autoimmune diseases and therapy thereof.

No. of Pages : 107 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2014

(21) Application No.2985/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FILTER CAGE AND FILTER ASSEMBLY FOR BAGHOUSE FILTER

(51) International classification :B01D29/15,B01D46/00
(31) Priority Document No :2012902274
(32) Priority Date :31/05/2012
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2013/000350
Filing Date :04/04/2013
(87) International Publication No :WO 2013/177606
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)NEATE Michael J.**
**2)CURRELL Bradley M.**

(57) Abstract :
Disclosed herein is a filter assembly (10). The filter assembly (10) includes a filter cage (12) having a plurality of parallel longitudinally extending members (14) that are arranged in a circular or oval configuration and which define a longitudinal axis (16). Each of the longitudinal members (14) comprises either a single longitudinal member or a pair of abutting longitudinal members. A plurality of transverse members (18) extend generally inwardly from the longitudinal members (14). The transverse members (18) each have outer ends (18a) fixedly connected to a respective one of the longitudinal members (14). A plurality of groups of the transverse members (18) are provided at longitudinally spaced apart positions with the outer ends (18a) of the transverse members (18) in each group being circumferentially spaced apart around the circular or oval configuration to define longitudinal spaces (100) therebetween. The longitudinal members (14) and the transverse members (18) together define a frame adapted to sleevably receive a filter bag (22) thereover the frame being adapted to retain the filter bag (22) in an open configuration upon application of negative pressure within the filter bag in which open configuration when viewed from a longitudinal end the filter bag (22) adopts a zig zag or pleated filter surface area due to the bag being drawn into the longitudinal spaces (100).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2014

(21) Application No.2986/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ELECTROMAGNETIC DIPOLE ANTENNA

(51) International classification :H01Q1/36
(31) Priority Document No :201210222545.8
(32) Priority Date :29/06/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/077783
Filing Date :24/06/2013
(87) International Publication No :WO 2014/000614
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)XU Qihao**
**3)PENG Hongli**
**4)ZHU Zehe**
**5)ZHAO Jianping**
**6)MA Ni**

(57) Abstract :
The present invention designs an electromagnetic dipole antenna which comprises an antenna radiation unit and a metal ground. The antenna radiation unit mainly comprises perpendicular electric vibrators and horizontal magnetic vibrators and the perpendicular electric vibrators and the horizontal magnetic vibrators form an electromagnetic coupling structure. The antenna has the advantages of small size low profile and the like.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/12/2014

(21) Application No.2819/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR DETERMINING ACCESS CONTROL

(51) International classification :H04W36/12
(31) Priority Document No :201210226993.5
(32) Priority Date :29/06/2012
(33) Name of priority country :China
(86) International Application No :PCT/KR2013/005700
Filing Date :27/06/2013
(87) International Publication No :WO 2014/003455
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)LIANG Huarui**
**2)WANG Hong**
**3)XU Lixiang**

(57) Abstract :
Examples of the present disclosure provide a method for determining access control applied in a handoff procedure of a UE. The method includes: if a current service is a LIPA@LN service and if the UE is in a same local network before and after the handoff keeping by a node performing access control determination service continuity of the LIPA@LN service; if the UE moves out of the local network after the handoff deactivating by the node performing the access control determination the LIPA@LN service; if the current service is a SIPTO@LN only service or a SIPTO@CN@LN service if the UE is in the same local network before and after the handoff keeping by the node performing the access control determination the service continuity of the SIPTO@LN only service or the SIPTO@CN@LN service; if the UE moves out of the local network after the handoff determining by the node performing the access control determination whether to keep the service continuity of the SIPTO@LN only service or the SIPTO@CN@LN service according to a network policy. According to the technical solution provided by the present disclosure service continuity of the LIPA service or the SIPTO service can be maintained correctly.

No. of Pages : 37 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2014

(21) Application No.2980/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND DEVICE FOR PROCESSING VIDEO SIGNAL

(51) International classification :H04N 7/32
(31) Priority Document No :61/670,121
(32) Priority Date :10/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2013/006099
Filing Date :09/07/2013
(87) International Publication No :WO 2014/010918
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)JUNG, JIWOOK**
**3)YEA, SEHOON**
**4)HEO, JIN**
**5)KIM, TAESUP**
**6)SUNG, JAEWON**
**7)SON, EUNYONG**

(57) Abstract :
A method for processing a video signal, according to the present invention, performs inter-view inter prediction for a current texture block by searching for a block coded to a reference view motion vector for neighboring blocks of the current texture block, storing a reference inter-view motion vector corresponding to the retrieved reference view motion vector of a spatial neighboring block in a candidate list, inducing an inter-view motion vector of the current texture block by using any one of the reference inter-view motion vectors stored in the candidate list, and using the induced inter-view motion vector. The present invention can improve coding efficiency by enabling a more accurate prediction of an inter-view motion vector among various inter-view motion vector candidates to thereby reduce the amount of residual data to be transmitted.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2014

(21) Application No.2983/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SMART CASE FOR MOBILE PHONE HAVING RECORDING FUNCTION

(51) International classification :A45C11/00,H04B1/38
(31) Priority Document No :1020120065210
(32) Priority Date :18/06/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/005295
Filing Date :14/06/2013
(87) International Publication No :WO 2013/191417
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)HWANG KyoungMin**

(57) Abstract :
The present invention is a smart case for a mobile phone made of plastic metal a synthetic resin and/or synthetic rubber. The smart case has multiple necessary through holes arranged as appropriate an input microphone and an output speaker arranged and inserted in the smart case such that the input microphone and the output speaker are matched with or correspond to a sending unit and a receiving unit of a mobile phone to be accommodated in the smart case and a wire penetrating unit a protrusion or the like which is connectible to a recorder device. The smart case accommodates the recorder device which comprises as a storage medium an external memory card having an operating button. The smart case receives the power required for operating the recorder device through a connector of the mobile phone using a connector extension power plug. The smart case enables a mobile phone charger/PC data transceiving cable to be connected thereto through an extension connector unit when the smart case is firmly coupled to the mobile phone.

No. of Pages : 17 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2014

(21) Application No.2995/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHODS AND COMPOSITIONS FOR RNA DIRECTED TARGET DNA MODIFICATION AND FOR RNA DIRECTED MODULATION OF TRANSCRIPTION

| | |
|---|---|
| (51) International classification | :C12N15/11,C12N15/63,C07K19/00 |
| (31) Priority Document No | :61/652086 |
| (32) Priority Date | :25/05/2012 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No<br>Filing Date | :PCT/US2013/032589<br>:15/03/2013 |
| (87) International Publication No | :WO 2013/176772 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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(72)**Name of Inventor :**
**1)CHARPENTIER Emmanuelle**

(57) Abstract :
The present disclosure provides a DNA targeting RNA that comprises a targeting sequence and together with a modifying polypeptide provides for site specific modification of a target DNA and/or a polypeptide associated with the target DNA. The present disclosure further provides site specific modifying polypeptides. The present disclosure further provides methods of site specific modification of a target DNA and/or a polypeptide associated with the target DNA The present disclosure provides methods of modulating transcription of a target nucleic acid in a target cell generally involving contacting the target nucleic acid with an enzymatically inactive Cas9 polypeptide and a DNA targeting RNA. Kits and compositions for carrying out the methods are also provided. The present disclosure provides genetically modified cells that produce Cas9; and Cas9 transgenic non human multicellular organisms.

No. of Pages : 4938 No. of Claims : 155

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/12/2014

(21) Application No.2997/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HIGHLY EFFICIENT METHOD FOR ESTABLISHING ARTIFICIAL PLURIPOTENT STEM CELL

(51) International classification :C12N5/10,C12N15/113
(31) Priority Document No :61/650694
(32) Priority Date :23/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2013/064409
Filing Date :23/05/2013
(87) International Publication No :WO 2013/176233
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)YAMANAKA Shinya**
**2)OKITA Keisuke**

(57) Abstract :
The present invention provides a method for producing an iPS cell and a method for improving the efficiency of the establishment of an iPS cell each of which involves a step of inducing (1) an episomal vector which carries a nuclear reprogramming factor and (2) an episomal vector which is different from the episomal vector (1) and carries EBNA 1 into a somatic cell. Also provided are: an iPS cell establishment efficiency improving agent which comprises an episomal vector carrying a nucleic acid encoding EBNA 1; and a kit for producing an iPS cell which contains an episomal vector carrying a nucleic acid encoding a nuclear reprogramming factor.

No. of Pages : 62 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/12/2014

(21) Application No.2998/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR REPROCESSING AN EMULSION FORMED DURING HYDROMETALLURGICAL RECOVERY OF A METAL

(51) International classification :B04B1/20,B04B11/02,C22B3/26
(31) Priority Document No :10 2012 105 828.8
(32) Priority Date :02/07/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/063331
Filing Date :26/06/2013
(87) International Publication No :WO 2014/005889
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)KRAMER Jens**
**3)HARTMANN Tore**

(57) Abstract :
Method for centrifugal reprocessing of a solids containing emulsion formed during the hydrometallurgical recovery of a metal wherein the reprocessing takes place in at least one decanter (1) forming a first lighter liquid phase (5) a second liquid phase (6) and a solids phase 7) characterised by the following steps: i) determining an actual value of the density of the first liquid phase (5); ii) comparing the actual value with a desired value for the density of the first liquid phase (5); and iii) setting the outlet pressure of the first liquid phase in dependence upon the determined actual value/desired value comparison.

No. of Pages : 23 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/12/2014

(21) Application No.2999/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FREEZER

(51) International classification :F25B1/10,F25B1/00
(31) Priority Document No :2012117801
(32) Priority Date :23/05/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/061596
Filing Date :19/04/2013
(87) International Publication No :WO 2013/175912
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)MATSUOKA Shinya**
**3)OKA Masahiro**

(57) Abstract :
This freezer uses R32 and even when the operation efficiency deteriorates due to an intermediate injection enables injections for keeping down the discharge temperature. An air conditioning device (10) using an R32 refrigerant is provided with a compressor (20) an indoor heat exchanger (50) an outdoor expansion valve (41) an outdoor heat exchanger (30) an intermediate injection flow path (65) an intake injection flow path (67) and injection opening and closing valves (66 68). The intermediate injection flow path (65) merges a part of the refrigerant flowing through a main refrigerant flow path (11a) with the intermediate pressure refrigerant in the compressor (20). The intake injection flow path (67) guides a part of the refrigerant in the main refrigerant flow path (11a) to an intake flow path (27).

No. of Pages : 47 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/12/2014

(21) Application No.1340/KOL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AIR COMPRESSOR WITH AUDIBLE ALARM DEVICE

| | | |
|---|---|---|
| (51) International classification | :F04D19/02<br>F04D25/06<br>F04D27/00 | (71)**Name of Applicant :**<br>**1)CHOU, WEN-SAN**<br>Address of Applicant :NO.1-25, KANGWEI, AN-DIN DIST, |
| (31) Priority Document No | :102149140 | TAINAN CITY, TAIWAN, R.O.C. Taiwan |
| (32) Priority Date | :30/12/2013 | (72)**Name of Inventor :** |
| (33) Name of priority country | :Taiwan | **1)CHOU, WEN-SAN** |
| (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 :
An air compressor includes an audible alarm device mounted to an outlet of a storage container thereof to produce a high-frequency sound for alerting users when compressed air produced in a cylinder thereof exceeds a predetermined value, wherein the sliding cap of the audible alarm device can be driven by the compressed air to perform a quick, slight back-and-forth movement of high frequency, so that the sliding cap can be partially moved out of the opening of an external enclosure and thus exposed to the outside. Through the audible alarm device, users can be alerted effectively to overpressure conditions of the air compressor.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/12/2014

(21) Application No.1341/KOL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CIGARETTE LIGHTER ADAPTER

(51) International classification :H01R24/54
(31) Priority Document No :102224785
(32) Priority Date :30/12/2013
(33) Name of priority country :Taiwan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)CHOU, WEN-SAN**

(57) Abstract :
A cigarette lighter adapter, which can be inserted into a cigarette lighter socket of a vehicle, includes a substantially cylindrical hollow body, an electrical cable, an elastic conductive member, a cap, and a conductive rod, wherein the locking fingers of the cylindrical hollow body can be firmly engaged with the lateral openings of the cap, so that when the cigarette lighter adapter is removed from the cigarette lighter socket, the cylindrical hollow body and the cap will neither be separated from each other due to a pulling force, nor be loosened due to a rotational force. Therefore, the problems of poor contact and structure loosening or damage can be avoided, so that the performance of the cigarette lighter adapter can be guaranteed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/12/2014

(21) Application No.3015/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR OPERATING A STECKEL MILL

(51) International classification :B21B37/72
(31) Priority Document No :12174352.0
(32) Priority Date :29/06/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/060441
Filing Date :22/05/2013
(87) International Publication No :WO 2014/000979
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)SCHMIDT Birger**
**3)KRAUTWURST Dirk**

(57) Abstract :
actualactualA Steckel mill (2) comprises at least one reversing unit (4) for rolling a rolled product (14) and winding furnaces (10) for the rolled product (14) that are arranged on the entrance side and exit side with respect to the reversing unit (4). When rolling the rolled product (14) by means of the Steckel mill (2) the following steps are carried out: step 1. (S1): when rolling the rolled product (14) in the region of a head of the rolled product (14) a target thickness (d target) of the rolled product (14) is ignored step 2. (S2): while carrying out step 1. at least one measured variable that is correlated with a current thickness (d) and/or a hardness of the rolled product (14) is determined and compared with a setpoint value step 3. (S3): if the determined thickness (d) reaches or is below the setpoint value the reversing unit is operated with a view to achieving the target thickness (d target) of the rolled product (14). In this method for operating the Steckel mill (2) allowance is made in the rolling operation for a cold non rollable piece of the rolled product (14) and the open loop or closed loop control of the reversing unit (4) is adapted correspondingly so that malfunctions are avoided and the usable part of the rolled product is as large as possible.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/12/2014

(21) Application No.3016/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PULVERIZED COAL FIRED BOILER WITH WALL ATTACHMENT SECONDARY AIR AND GRID OVERFIRE AIR

(51) International classification :F23C5/08,F23C5/24,F23C7/00
(31) Priority Document No :201210236354.7
(32) Priority Date :10/07/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/070458
Filing Date :15/01/2013
(87) International Publication No :WO 2014/008758
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**8)LI Lei**
**9)XU Guofeng**

(57) Abstract :
A pulverized coal fired boiler with wall attachment secondary air and grid overfire air. Main combustors (4) having primary air nozzles (6) secondary air nozzles (7) and close coupled overfire air nozzles (5) arranged at interval along a height direction of a hearth (1) are disposed at four corners of the hearth (1). A bidirectional wall attachment secondary air nozzle (11) and a one way wall attachment secondary air nozzle (10) are arranged from bottom to top in a main combustion area (111) where the main combustor (4) is located. A one way wall attachment secondary air nozzle (9) is provided in a reduction area (112) between the main combustor (4) and a top overfire air nozzle. A grid overfire air nozzle (8) is provided in a burn off area (113) where overfire air is located. The pulverized coal fired boiler with wall attachment secondary air and grid overfire air reduces the amount of NO generated in the hearth (1) improves the reduction rate of NO along the flame and improves the burn off rate of the coke so that only little unburned coke enters the burn off area (113). Therefore slagging on a water wall (2) is reduced and ultra low NOx emission is achieved while the combustion efficiency is not reduced slags are not agglomerated in the hearth (1) and the gas temperature deviation is small.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/12/2014

(21) Application No.2850/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MULTISTAGE CONTAINER LEAK TESTING

(51) International classification :G01M3/20,G01M3/22,G01M3/32
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2012/060921
Filing Date :08/06/2012
(87) International Publication No :WO 2013/182251
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)LEHMANN Martin**

(57) Abstract :
A coarse fine two stage leak detection is carried out on sealed filled containers loaded into container holders or pucks. Failure of the first coarse leak detection stage e.g. a pressure course or impedance or laser absorption based leak detection stage causes containers to be rejected together with their corresponding container holders. These are then separated and the container holder is cleaned and dried before being returned to the system. Any leaking product from inside a grossly leaking container is thus retained within the container holder thus reducing contamination of subsequent containers and their container holders preventing such contamination from reaching the fine leak detection stage e.g. a mass spectrometer based leak detection stage.

No. of Pages : 29 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/12/2014

(21) Application No.2851/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ANTI PCSK9 ANTIBODIES AND USE THEREOF

(51) International classification :C07K16/18,C07K16/42,A61K39/395
(31) Priority Document No :61/644,065
(32) Priority Date :08/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/040112
Filing Date :08/05/2013
(87) International Publication No :WO 2013/169886
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**4)OJALA, Ethan Wayne**
**5)KOVACEVICH, Brian Robert**
**6)OLSON, Katie**
**7)FAN, Pei**
**8)BILLGREN, Jens**
**9)STEWART, Erica Ann**
**10)AKATSUKA, Corinne C.**
**11)MCNEILL, Patricia Dianne**
**12)MITCHELL, Danielle Marie**
**13)ALLISON, Dan Scott**
**14)LATHAM, John A.**

(57) Abstract :
The present invention is directed to antibodies and fragments thereof having binding specificity for PCSK9. Another embodiment of this invention relates to the antibodies described herein, and binding fragments thereof, comprising the sequences of the VH, VL and CDR polypeptides described herein, and the polynucleotides encoding them. The invention also contemplates conjugates of anti-PCSK9 antibodies and binding fragments thereof conjugated to one or more functional or detectable moieties. The invention also contemplates methods of making said anti-PCSK9 antibodies and binding fragments thereof. Embodiments of the invention also pertain to the use of anti-PCSK9 antibodies, and binding fragments thereof, for the diagnosis, assessment and treatment of diseases and disorders associated with PCSK9.

No. of Pages : 1042 No. of Claims : 407

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/12/2014

(21) Application No.2855/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : X RAY DETECTION OF FLAWS IN CONTAINERS AND/OR IN THEIR CONTENTS

(51) International classification :G01N23/04,G01N23/18
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2012/061211
Filing Date :13/06/2012
(87) International Publication No :WO 2013/185816
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Method and system for x ray detection of flaws in containers (1) or their contents wherein containers are conveyed on a circular path (2b) around a central axis (3) upon which an x ray source (7) is situated below the plane (11) of the base of the containers. The x ray source (7) emits x ray radiation obliquely upwards through the containers (1) to a plurality of imaging x ray detectors (4a f). Analysis of the images provided by these x ray detectors (4a f)determines the presence of a flaw in a container or its contents and is used to command a rejection mechanism (R) to reject the container in question.

No. of Pages : 35 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/12/2014

(21) Application No.3011/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : REFRIGERATING SYSTEM FOR VARIABLE FREQUENCY AIR CONDITIONER AND VARIABLE FREQUENCY AIR CONDITIONER HAVING REFRIGERATING SYSTEM

(51) International classification :F24F1/24,F24F1/00
(31) Priority Document No :201310380286.6
(32) Priority Date :27/08/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2014/070490
Filing Date :10/01/2014
(87) International Publication No :WO 2015/027677
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)LI Jinbo**
**4)YE Xiaolong**
**5)ZHAO Qiang**
**6)FENG Bo**
**7)GAO Junsheng**

(57) Abstract :
A refrigerating system (10) for a variable frequency air conditioner and a variable frequency air conditioner having the refrigerating system; the refrigerating system (10) comprises a compressor (100) a four way valve (600) a condenser (200) a heat exchanger (300) a throttling element (400) an evaporator (500) and a one way valve (700); the heat exchanger (300) and the one way valve (700) are connected between the second end of the condenser (200) and the second end of the throttling element (400); when cooling the one way valve (700) is closed and refrigerant flows through the heat exchanger (300) from the condenser (200) to the throttling element (400); and when heating the one way valve (700) is open and the refrigerant bypasses the heat exchanger (300) when flowing from the throttling element (400) to the condenser (200).

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/12/2014

(21) Application No.2867/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND ARRANGEMENT IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04B17/00,H04J11/00
(31) Priority Document No :SE2012/000077
(32) Priority Date :16/05/2012
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2013/000080
Filing Date :16/05/2013
(87) International Publication No :WO 2013/172760
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)BERGMAN Svante**
**4)FRÖBERG OLSSON Jonas**

(57) Abstract :
The invention relates to a method and an arrangement in a transmitting node (560) for enabling a receiving node (540) to perform measurements on interference caused by transmissions from at least one transmission point (510 520 530) controlled by the transmitting node (560) on receptions at the receiving node (540). The transmitting and receiving nodes (560 540) are comprised in a wireless communications system (500 600 700). The transmitting node determines (910) an interference measurement resource IMR comprising a set of Time Frequency Resource Elements TFREs upon which the transmitting node is expected to transmit interference. The transmitting node then transmits (930) at least one interfering signal on said IMR as said interference. The at least one interfering signal comprises at least one of a desired signal that is expected to be decoded or coherently measured upon by the receiving node (540) or another node (550) served by said transmitting node (560) and another signal that is not expected to be decoded or coherently measured upon by any node (540 550) served by said transmitting node (560). The desired signal is transmitted in place of the another signal as said at least one interfering signal on one or more TFREs of the IMR when the at least one transmission point is to transmit the desired signal to the receiving node (540) or to the another node (550). The another signal is transmitted on TFREs of said IMR where no desired signal is transmitted and the another signal is muted on TFRE s of said IMR where the desired signal is transmitted.

No. of Pages : 58 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/12/2014

(21) Application No.2868/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : INTER LAYER INTERFERENCE HANDLING IN HETEROGENEOUS NETWORKS

(51) International classification :H04W52/24
(31) Priority Document No :61/647601
(32) Priority Date :16/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/064860
Filing Date :30/07/2012
(87) International Publication No :WO 2013/170911
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**7)PARKVALL Stefan**

(57) Abstract :
In a heterogeneous network cell deployment a mobile terminal may need to receive control data transmissions from a macro node at the same time as a pico node is transmitting user data for the mobile terminal using the same frequency or set of frequencies. This can result in a problematic interference situation. According to several embodiments of the present invention at least one of two general approaches is used to mitigate the interference situation described above. In a first approach the pico node s transmission power is reduced in some time intervals thereby reducing the interference to a level where reception from the macro node is possible. In a second approach which may be combined with the first approach in some cases relevant data (e.g. control information) transmitted from the macro node is provided by the pico node either alone or in combination with the macro node (i.e. simultaneously to the macro node during the same protected transmission time intervals).

No. of Pages : 29 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/12/2014

(21) Application No.3036/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : REFRIGERATION DEVICE

(51) International classification :F25B1/00
(31) Priority Document No :2012133931
(32) Priority Date :13/06/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/065935
Filing Date :10/06/2013
(87) International Publication No :WO 2013/187352
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Provided is a highly reliable refrigeration device wherein appropriate protection control is carried out regardless of the external air temperature or the type of refrigerant used in the refrigeration device when the discharge temperature of the refrigerant is being measured at the outside of a compressor. An air conditioning device (1) is provided with a refrigerant circuit a discharge pipe temperature sensor (51) a protection control part (41c) and a determination temperature modification part (41d). The refrigerant circuit includes a compressor (31) for compressing a refrigerant. The discharge pipe temperature sensor detects the temperature of the refrigerant discharged from the compressor at the outside of the compressor. The protection control part carries out protection control of the compressor when the discharge pipe temperature detected by means of the discharge pipe temperature sensor surpasses a determination temperature. The determination temperature modification part modifies the determination temperature in accordance with information pertaining to the external air temperature and/or information pertaining to the type of the refrigerant.

No. of Pages : 33 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/12/2014

(21) Application No.3017/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : LINEAR PREDICTION BASED AUDIO CODING USING IMPROVED PROBABILITY DISTRIBUTION ESTIMATION

(51) International classification :G10L19/032,G10L19/08
(31) Priority Document No :61/665485
(32) Priority Date :28/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/062809
Filing Date :19/06/2013
(87) International Publication No :WO 2014/001182
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**5)DIETZ Martin**

(57) Abstract :
Linear prediction based audio coding is improved by coding a spectrum composed of a plurality of spectral components using a probability distribution estimation determined for each of the plurality of spectral components from linear prediction coefficient information. In particular the linear prediction coefficient information is available anyway. Accordingly it may be used for determining the probability distribution estimation at both encoding and decoding side. The latter determination may be implemented in a computationally simple manner by using for example an appropriate parameterization for the probability distribution estimation at the plurality of spectral components. All together the coding efficiency as provided by the entropy coding is compatible with probability distribution estimations as achieved using context selection but its derivation is less complex. For example the derivation may be purely analytically and/or does not require any information on attributes of neighboring spectral lines such as previously coded/decoded spectral values of neighboring spectral lines as is the case in spatial context selection.

No. of Pages : 48 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/12/2014

(21) Application No.3018/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND DEVICE FOR DRYING A FLUID FILM APPLIED TO A SUBSTRATE

(51) International classification :F26B13/10,F26B3/00
(31) Priority Document No :10 2012 210 431.3
(32) Priority Date :20/06/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/051476
Filing Date :25/01/2013
(87) International Publication No :WO 2013/189612
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
GThe invention relates to a method for drying a fluid film (F) comprising a vaporizable liquid and applied to a substrate surface of a substrate (3) having the following steps: transporting of the substrate (3) on a transport surface (6) of a transport device (5) along a transport direction (T) via a drying apparatus (7) vaporizing the liquid by means of a plurality of heat sources (13) arranged in succession in the transport direction (T) wherein each of the heat sources (13) has a heating surface (G) which is arranged at a distance (d) of 0.1 mm to 15.0 mm opposite the substrate surface and discharging of the vaporized liquid through a discharge opening (19) between two successive heating surfaces (G).

No. of Pages : 38 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/12/2014

(21) Application No.3019/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PLANT FOR ENERGY PRODUCTION

(51) International classification :F28D20/00,F24J2/06
(31) Priority Document No :20120750
(32) Priority Date :28/06/2012
(33) Name of priority country :Norway
(86) International Application No :PCT/NO2013/050120
Filing Date :27/06/2013
(87) International Publication No :WO 2014/003577
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The invention provides a plant for production of energy comprising any type of heat or energy source including but not limited to solar power sources nuclear reactors fossil fuel plants wind power plants tidal power plants waste heat power plants and geothermal sources operatively arranged at an input side of the plant and heat delivery or energy production means such as turbine electric generator sets operatively arranged at a delivery side of the plant. The plant is distinctive in that it further comprises a thermal energy storage with integrated heat exchanger comprising a solid state thermal storage material a heat transfer fluid and means for energy input and output wherein: the storage comprises at least one heat transfer container solid state thermal storage material is arranged around the heat transfer container the heat transfer container contains the heat transfer fluid and the means for energy input and output so that all heat transferring convection and conduction by the heat transfer fluid takes place within the respective heat transfer container the thermal energy storage with heat exchanger has been arranged inside thermal insulation and the solid state thermal energy storage with heat exchanger has been arranged between the input side and delivery side of the plant for storage and heat exchange of thermal energy the storage is coupled directly or via an additional heat exchanger to the source and the storage is coupled directly or via an additional heat exchanger to the delivery side of the plant.

No. of Pages : 33 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.2728/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND DEVICE FOR DISPLAYING PUSHED INFORMATION

(51) International classification :H04L29/08
(31) Priority Document No :201210429458.X
(32) Priority Date :31/10/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/084111
Filing Date :24/09/2013
(87) International Publication No :WO 2014/067372
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Disclosed are a method and device for displaying pushed information. The method comprises the following steps: obtaining a trigger event of loading new content; detecting whether a currently displayed page that loads the new content has a blank loading area; when the currently displayed page has a blank loading area displaying pushed information in the blank loading area. In the present invention the blank loading area of the displayed page at the moment when a terminal loads information is used to display pushed information so as to fully take advantage of the display resources of the terminal and enable a user to obtain various information conveniently without executing complex operations thereby simplifying user operation.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.2729/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : APPLICATION TEXT ADJUSTING METHOD DEVICE AND TERMINAL

(51) International classification :G06F3/0484,G06F17/21
(31) Priority Document No :201210589852.X
(32) Priority Date :28/12/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/086566
Filing Date :05/11/2013
(87) International Publication No :WO 2014/101570
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)CHENG Yue**

(57) Abstract :
This disclosure relates to the technical field of display processing of a user interface and in particular to an application text adjusting method device and terminal. With a command of adjusting application text by using a first zooming coefficient when it is determined that a second zooming coefficient specific to an application and based on the first zooming coefficient exists the application text is adjusted according to the second zooming coefficient and when the second zooming coefficient specific to the application and based on the first zooming coefficient does not exist the application text is adjusted according to the first zooming coefficient. The application text is flexibly adjusted level by level so that the application text can be adaptively adjusted level by level so as to adapt to a display interface of the application and avoid a phenomenon that the text are clipped or extruded out from a screen after being adjusted. In addition an implementation manner of adjusting the application text level by level is simple and effective.

No. of Pages : 34 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/12/2014

(21) Application No.3047/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HIGH STRENGTH CORROSION RESISTANT TUBING FOR OIL AND GAS COMPLETION AND DRILLING APPLICATIONS AND PROCESS FOR MANUFACTURING THEREOF

(51) International classification :C22C38/00,C22C38/44,C22C19/05
(31) Priority Document No :13/492951
(32) Priority Date :11/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/036325
Filing Date :12/04/2013
(87) International Publication No :WO 2013/188001
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)MANNAN Sarwan Kumar**

(57) Abstract :
A high strength corrosion resistant tubing comprises about 35 to about 55% Ni about 12 to about 25% Cr about 0.5 to about 5% Mo up to about 3% Cu about 2.1 to about 4.5% Nb about 0.5 to about 3% Ti about 0.05 to about 1.0% Al about 0.005 to about 0.04% C balance Fe plus incidental impurities and deoxidizers. The composition also satisfies the equation: (Nb 7.75 C) / (Al + Ti) = about 0.5 to about 9. A process for manufacturing the tubing includes: extruding the alloy to form a tubing; cold working the extruded tubing; annealing the cold worked tubing; and applying at least one age hardening step to the annealed tubing. Another process includes extruding the alloy at a temperature of about 2050°F or less; annealing the extruded tubing; and applying at least one age hardening step to the annealed tubing.

No. of Pages : 23 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/12/2014

(21) Application No.3048/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CONTROLLING RADIO TRANSMITTER POWER BASED ON SIGNAL PERFORMANCE

(51) International classification :H04W52/36,H04W52/14,H04W52/34
(31) Priority Document No :61/663943
(32) Priority Date :25/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/055222
Filing Date :25/06/2013
(87) International Publication No :WO 2014/002016
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)**
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(72)**Name of Inventor :**
**1)COE Peter Malcom**
**2)LOO James**

(57) Abstract :
Embodiments herein include a method of controlling the total power with which a radio transmitter (28) of a radio access node (22) transmits a signal. The method entails inputting (200) an input signal (38) into a power amplifier (32) of the radio transmitter (28) to produce as a function of the input signal (38) an output signal (24) to be transmitted by the radio transmitter (28). The method further entails generating (210) a feedback signal (40) from the output signal (24) at the radio transmitter (28) and measuring (220) that feedback signal (40) to obtain one or more performance metrics that characterize performance of the output signal (24). The method finally includes comparing (230) the one or more performance metrics to one or more performance metric thresholds and controlling (240) a maximum permissible level of the total power of the input signal (38) based on that comparison.

No. of Pages : 37 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/12/2014

(21) Application No.3031/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SEGMENTED GEL COMPOSITES AND RIGID PANELS MANUFACTURED THEREFROM

(51) International classification :C04B41/45,C08J9/35,C08J9/40
(31) Priority Document No :61/682198
(32) Priority Date :10/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/054289
Filing Date :09/08/2013
(87) International Publication No :WO 2014/026088
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**1)EVANS Owen R**
**2)MELNIKOVA Irene**

(57) Abstract :
The present invention describes various methods for manufacturing gel composite sheets using segmented fiber or open cell foam reinforcements and gel precursors. Additionally rigid panels manufactured from the resulting gel composites are also described. The gel composites are relatively flexible enough to be wound and when unwound can be stretched flat and made into rigid panels using adhesives.

No. of Pages : 34 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/12/2014

(21) Application No.3032/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SEALING MATERIAL PRESSING RING COUPLING AND VALVE

(51) International classification :F16L21/04
(31) Priority Document No :2012141533
(32) Priority Date :25/06/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/066013
Filing Date :11/06/2013
(87) International Publication No :WO 2014/002745
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)KISHI Shozo**
**2)KAGAWA Takaaki**
**3)ODA Keita**
**4)ITO Kazuya**

(57) Abstract :
The present invention involves: forming a first projection (19) in the outer circumferential section of a valve part (18); forming a second projection (20) in the receiving port far end section of the valve part (18); forming a tapered part (28) which decreases in diameter from the inner circumference of the heel part (17) toward the inner circumference of the second projection (20); forming a third projection (21) on the tapered part (28) so as to project to the inside in the radial direction; forming the inner diameter of the third projection (21) so as to be smaller than the outer diameter of the insertion port and larger than the inner diameter of the second projection (20); forming the angle direction (G) of the tapered part (28) in a manner such that a first dimension (B) in the opposite angle direction from the first projection (19) to the third projection (21) is smaller than a second dimension (C) in the radial direction (A) from the first projection (19) to the second projection (20); and compressing the interval between the first projection (19) and the third projection (21) in the radial direction (A) resulting in the retention of watertightness between the receiving port and the insertion port.

No. of Pages : 72 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/12/2014

(21) Application No.3033/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : GYPSUM BASED BUILDING PRODUCTS AND METHOD FOR THE MANUFACTURE THEREOF

(51) International classification :C04B14/36,C04B26/28,C04B28/02
(31) Priority Document No :12290175.4
(32) Priority Date :25/05/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/060677
Filing Date :23/05/2013
(87) International Publication No :WO 2013/174951
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)TABOULOT Elodie**
**2)HOUGA Clement**

(57) Abstract :
A building product comprises calcium sulphate dihydrate particles bound by an organic binder. The calcium sulphate dihydrate particles each have a longest dimension and a lateral dimension wherein the lateral dimension corresponds to the maximum breadth of the particle about the axis defined by the longest dimension. The calcium sulphate dihydrate particles have a low aspect ratio such that for at least 75% of the calcium sulphate dihydrate particles the value of the lateral dimension is at least 20% of the value of the longest dimension.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/12/2014

(21) Application No.3034/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MICROWAVE COMMUNICATION DEVICE AND MICROWAVE COMMUNICATION SYSTEM

(51) International classification :H01P1/161
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/078183
Filing Date :04/07/2012
(87) International Publication No :WO 2014/005304
(61) 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.**
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(72)**Name of Inventor :**
**1)XU Shaofeng**

(57) Abstract :
Disclosed are a microwave communication device and a microwave communication system. The microwave communication device comprises: a first conversion module and a second conversion module used for mutual conversion between a baseband signal or an intermediate frequency signal and a microwave signal microwave signals received or output by the first and second conversion modules respectively having first and second polarization directions the first and second polarization directions being the same or perpendicular to each other; and an orthomode transducer used for separation and synthesis of orthogonally polarized microwave signals polarization directions of microwave signals received or output by first and second waveguide ports in the orthomode transducer being perpendicular to each other and the first and second waveguide ports being respectively connected to the first and second conversion modules. The microwave communication device and system in embodiments of the present invention implement dual channels and are integrated with the orthomode transducer through the interior of the microwave communication device so that the flexibility of application of the device can be improved while increasing the transmission capacity and the installation complexity can be reduced and the cost can be reduced.

No. of Pages : 33 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2014

(21) Application No.2898/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AUTOMATIC TRANSFER OF MACHINE TO MACHINE DEVICE IDENTIFIER TO NETWORK EXTERNAL SERVICE PROVIDERS

(51) International classification :H04W4/00,H04L29/12
(31) Priority Document No :61/648891
(32) Priority Date :18/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/054059
Filing Date :17/05/2013
(87) International Publication No :WO 2013/171722
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)HEDMAN Peter**
**3)SANCHEZ HERRERO Juan Antonio**

(57) Abstract :
Techniques for automatically transferring an external identifier for a wireless device from a wireless communication network serving the wireless device to a service provider external to the wireless communication network are disclosed. In an example method carried out in one or more nodes of the wireless communication network a binding between the external identifier and an internal identifier for the wireless device is maintained. A data session for the wireless device and corresponding to the service provider is established wherein said establishing includes an assignment of an IP address to the wireless device. A request for the external identifier is received from the service provider said request including the IP address for the wireless device. The external identifier is then sent to the service provider in response to the request.

No. of Pages : 45 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2014

(21) Application No.2899/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : USE OF EPIGENOME MODIFYING COMPOUNDS FOR THE TREATMENT OF GENETIC MUSCULAR DISEASES LINKED TO A PROTEIN CONFORMATIONAL DISORDER

(51) International classification :A61K31/19,G01N33/50
(31) Priority Document No :1257021
(32) Priority Date :19/07/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/051705
Filing Date :16/07/2013
(87) International Publication No :WO 2014/013184
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)GENETHON**
Address of Applicant :1 bis rue de lInternationale F 91002 Evry France
(72)**Name of Inventor :**
**1)RICHARD Isabelle**

(57) Abstract :
The invention relates to a pharmaceutical composition including at least one epigenome modifying compound for the use thereof in the treatment of genetic muscular diseases linked to a conformational anomaly of at least one protein said anomaly leading to the cellular degradation of the protein.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/12/2014

(21) Application No.3050/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR OPERATING A WHEEL SLIP CONTROL APPARATUS WITH COMPENSATED WHEEL SPEEDS

| | |
|---|---|
| (51) International classification | :B60T8/172,B60T8/1761,B60T8/1755 |
| (31) Priority Document No | :10 2012 012 475.9 |
| (32) Priority Date | :22/06/2012 |
| (33) Name of priority country | :Germany |
| (86) International Application No<br>Filing Date | :PCT/EP2013/062740<br>:19/06/2013 |
| (87) International Publication No | :WO 2013/189982 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

(71)**Name of Applicant :**
**1)KNORR BREMSE SYSTEME FÜR NUTZFAHRZEUGE GMBH**
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(72)**Name of Inventor :**
**1)VORREITER Martin**

(57) Abstract :
z_ refkfl kfr krl krrkfl kfr krl krrThe invention relates to a method for operating a wheel slip control apparatus of a vehicle including determining wheel speeds (Vfl_C Vfr_C Vrr_C Vrl_C) of wheels of the vehicle as input variables for the wheel slip control apparatus said wheel speeds being compensated for in terms of wheel speed differences during travel around curves wherein: a) a neutral steering understeering or oversteering driving condition of the vehicle is determined from the driving characteristics of said vehicle during travel around curves; b) based on the determined neutral steering understeering or oversteering driving condition of said vehicle either the reference yaw rate () or the actual yaw rate (z_meas) is used for calculating a curve radius (Rra_ref or Rra_meas) related to a selected point on said vehicle; c) wheel related curve radii (Rrl Rrr Rfl Rfr) for at least some of said wheels of said vehicle are determined from said curve radius (Rra_ref or Rra_meas) related to the selected point; d) reference factors () are determined from said wheel related curve radii (Rrl Rrr Rfl Rfr) and a common reference curve radius (Rra) for the at least some of said wheels of said vehicle; e) the compensated wheel speeds (Vfl_C Vfr_C Vrr_C Vrl_C) are determined in each case from said reference factors () and measured wheel speeds (Vrl Vrr Vfl Vfr) for the at least some of said wheels of said vehicle and f) for the at least some of said wheels of said vehicle said compensated wheel speeds (Vfl_C Vfr_C Vrr_C Vrl_C) are used as input variables for said wheel slip control apparatus.

No. of Pages : 21 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/12/2014

(21) Application No.3051/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AIR DRYER CARTRIDGE AND AIR DRYER CARTRIDGE PRODUCTION METHOD

(51) International classification :B01D53/04,B60T17/00
(31) Priority Document No :102012105137.2
(32) Priority Date :13/06/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/062094
Filing Date :12/06/2013
(87) International Publication No :WO 2013/186243
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)SCHAEBEL Stefan**
**2)ROTTER Peter**
**3)RAAB Andreas**

(57) Abstract :
The invention relates to an air dryer cartridge (10) for an air processing system (12) in particular an air processing system in a utility vehicle said cartridge containing a desiccant. According to the invention the desiccant is arranged inside the air dryer cartridge (10) as a coating of a structure (14). The invention further relates to a method for producing an air dryer cartridge.

No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2014

(21) Application No.2903/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HORIZONTAL SHAFT IMPACT CRUSHER FEED CHUTE

(51) International classification :B02C13/09,B02C13/286
(31) Priority Document No :12172803.4
(32) Priority Date :20/06/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/060821
Filing Date :27/05/2013
(87) International Publication No :WO 2013/189691
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)DALLIMORE Rowan**
**2)FORSBERG Andreas**
**3)KJAERRAN Knut**

(57) Abstract :
A horizontal shaft impact crusher feed chute (8) adapted for receiving material to be crushed and for forwarding the material to a crushing chamber (10) of a horizontal shaft impact crusher (1) comprises a first opening (56) adapted for receiving material to be crushed in a first crushing setting and a second opening (58) adapted for receiving material to be crushed in a second crushing setting.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2014

(21) Application No.2904/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND NETWORK NODE FOR ENABLING POSITION DETERMINATION OF A USER EQUIPMENT MEASUREMENT

| | |
|---|---|
| (51) International classification | :H04W24/10,G01S5/00,H04W16/18 |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No<br>Filing Date | :PCT/SE2012/050684<br>:20/06/2012 |
| (87) International Publication No | :WO 2013/191602 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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(72)**Name of Inventor :**
**1)REHNBERG Peter**
**2)GUNNARSSON Fredrik**

(57) Abstract :
Method and a network node (110 910) for enabling position determination of a measurement performed by a user equipment (120) served by a base station (110). The user equipment (120) and the base station (110) are comprised in a cellular communications network (100). A measurement report comprising measurement data associated with the measurement and a time of measurement thereof is received (301 801 ) from the user equipment (120). One or more first type of data associated with the user equipment (120) at a respective point in time are retrieved (302 802) which first type of data is localization corresponding data. Based on the time of measurement first type of data that corresponds to the time of measurement is determined (303 803) from the retrieved one or more first type of data. The determined first type of data is associated (304 804) with the measurement data. The position of the measurement may then be determined based on the first localization corresponding data associated with the measurement data.

No. of Pages : 49 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2014

(21) Application No.2905/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND APPARATUS FOR ASSOCIATING SERVICE PROVIDER NETWORK IDENTIFIERS WITH ACCESS NETWORK IDENTIFIERS

| | |
|---|---|
| (51) International classification | :H04W4/00,H04L29/12,H04W8/02 |
| (31) Priority Document No | :61/648891 |
| (32) Priority Date | :18/05/2012 |
| (33) Name of priority country | :U.S.A. |
| (86) International Application No<br>Filing Date | :PCT/IB2013/054061<br>:17/05/2013 |
| (87) International Publication No | :WO 2013/171723 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

(71)**Name of Applicant :**
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**2)HEDMAN Peter**
**3)SANCHEZ HERRERO Juan Antonio**
**4)BAS SANCHEZ Maria Esther**

(57) Abstract :
According to one aspect of the teachings herein a token is logically bound to an external identifier and provided to a wireless device via triggering signaling sent to the wireless device through an access network. The wireless device is configured to send registration signaling through the access network to a service provider network in response to the triggering signaling and to return the token in such signaling. With this advantageous approach the service provider network recognizes the token returned from the wireless device and thereby learns the association between a service provider network identifier that is received in the registration signaling for identifying the wireless device with respect to a service provided by the service provider network and an external identifier assigned by the access network for use by the service provider network in identifying the wireless device to the access network.

No. of Pages : 54 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/12/2014
(21) Application No.3060/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : GRANULAR FUNCTIONALIZED SILICA PROCESS FOR PREPARATION THEREOF AND USE THEREOF

(51) International classification :C09C1/30
(31) Priority Document No :10 2012 211 121.2
(32) Priority Date :28/06/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/062166
Filing Date :12/06/2013
(87) International Publication No :WO 2014/001088
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)DREXEL Claus Peter**
**2)MEYER Jürgen**
**3)HEINDL Frank**

(57) Abstract :
Q3=10%Q3=90%5050The present invention relates to granular functionalized silicas wherein the Hg pore volume (< 4 µm) is more than 0.80 ml/g the d value is more than 400 µm the d value is less than 3000 µm the ratio of the d value without ultrasound treatment to the d value after ultrasound treatment for 3 min is < 4.00 and the carbon content is 1.0 15.0% by weight. The inventive granular functionalized silicas can be used as support material especially as a support for enzymes.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/12/2014

(21) Application No.3040/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : STEEL SHEET FOR SOFT NITRIDING AND PROCESS FOR PRODUCING SAME

(51) International classification :C22C38/00,C21D8/02,C22C38/26
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/067025
Filing Date :27/06/2012
(87) International Publication No :WO 2014/002288
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**1)KOBAYASHI Takashi**
**2)NAKAMURA Nobuyuki**
**3)FUNAKAWA Yoshimasa**

(57) Abstract :
Provided is a steel sheet for soft nitriding which is excellent in terms of formability and fatigue resistance. The steel sheet for soft nitriding has a composition which contains in terms of mass% 0.05 0.10% C up to 0.5% Si 0.7 1.5% Mn up to 0.05% P up to 0.01% S 0.01 0.06% Al 0.5 1.5% Cr 0.03 0.30% V and up to 0.005% N and in which the ratio of the amount of V present as solid solution to the V content [(solid solution V amount)/(V content)] exceeds 0.50 with the remainder comprising Fe and unavoidable impurities. The steel sheet has a composite structure which comprises ferrite and pearlite.

No. of Pages : 45 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/12/2014

(21) Application No.3041/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DETECTION OF A FAULT DIRECTION IN MEDIUM VOLTAGE POWER SUPPLY NETWORKS

(51) International classification :G01R31/08,H02H3/38,H02H7/26
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2012/062891
Filing Date :03/07/2012
(87) International Publication No :WO 2014/005619
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)OPITSCH Bruno**

(57) Abstract :
The invention relates to a method for detecting a direction in which a fault has occurred in a three phase electrical medium voltage power supply network (12a) with respect to a metering point (19a 19b) in the medium voltage power supply network (12a) in which method both phase conductor related current measured values and phase conductor related voltage measured values are used by a control device (37) of an electrical protective device (18a 18b) to detect the direction of the fault wherein the current measured values are detected at the metering point (19a 19b) in the medium voltage power supply network (12a). In order to detect the direction in which a fault has occurred with respect to the metering point (19a 19b) as easily and hence as cost effectively as possible according to the method the voltage values measured on the low voltage side of a transformer (13) connecting the medium voltage power supply network (12a) to a low voltage power supply network are detected. The invention also relates to a correspondingly equipped electrical protective device (18a 18b).

No. of Pages : 27 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/12/2014
(21) Application No.3042/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : LIGHTING DEVICE ON A LAUNDRY APPLIANCE

(51) International classification :D06F39/14
(31) Priority Document No :10 2012 212 550.7
(32) Priority Date :18/07/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/063895
Filing Date :02/07/2013
(87) International Publication No :WO 2014/012784
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)WEBER Carsten**

(57) Abstract :
To illuminate a structure 5 with informational content on components 3 20 of a filling opening in a laundry appliance particularly a washing machine or a washer/dryer components 3 20 which are made of a transparent or translucent material have a pot shaped laundry deflector 20 and a window cover 3 lying at least approximately flush with the front face 1 of the laundry appliance. Components 3 20 bear lettering 4 16 and/or a symbol to be illuminated. Light emitting elements 6 17 are arranged opposite lateral edge faces 10 15 of at least one of the components 3 20 the light beams 9 19 emitted by said elements being directed onto the edge faces 10 15. The lettering 4 16 or the symbol consists of a three dimensional structure 5 in the material with an at least microscopically small extension into the material. To specify a structural illumination in which a lower number of light sources is adequate one of the components 3 which is located at least approximately flush with the front face 1 of the laundry appliance and which is provided with the structure 5 16 has a light conducting element 13 extending inwards away from the flush line the light inlet area 15 of which element extends as an edge face to the other component 20 and is guided into the radiation range of the light emitting element 17.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/12/2014

(21) Application No.3043/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : UPLINK HYBRID ACKNOWLEDGEMENT SIGNALING IN WIRELESS COMMUNICATIONS SYSTEMS

(51) International classification :H04L1/18
(31) Priority Document No :61/666582
(32) Priority Date :29/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/048964
Filing Date :01/07/2013
(87) International Publication No :WO 2014/005151
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)NAM Young Han**
**2)HAN Jin Kyu**

(57) Abstract :
(1)PuccH(1)PuccHA method and a wireless network determining at least part of a PUCCH resource index n (PUCCH format la/lb) associated with an ePDCCH PRB set. A subscriber station configured to communicate with at least one base station. The subscriber station receives a DL assignment from the at least one base station. The PUCCH resource indexn is determined depending on whether a localized or distributed ePDCCH is used.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2014

(21) Application No.1289/KOL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FLUSH TOILET

(51) International classification :E03D9/04
(31) Priority Document No :2013-256798
(32) Priority Date :12/12/2013
(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 :**
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**1)SAKEMI KOJI**
**2)URATA SHINICHI**
**3)HORIKAWA KENICHI**
**4)YAMAKAWA SATOSHI**

(57) Abstract :
[Object] To provide a flush toilet capable of supplying a bowl portion with wash water at a flow rate appropriate for cleaning the bowl body regardless of whichever water tank that supplies water at any of different flow rates is attached to a bowl body. [Solution] A flush toilet 1 according to the present invention includes a water tank 6 that holds wash water and a bowl body. The bowl body includes a bowl portion 12, a drain 14, a rim water-ejecting portion 26, and a water conduit. The bowl portion 12 includes a bowl-shaped waste receiving surface 16 and a rim portion 18 formed at an upper edge of the waste receiving surface 16 and having an inner circumferential surface shaped so as to overhang or extend substantially vertically. The drain 14 is disposed below the bowl portion 12. The rim water-ejecting portion 26 is formed in the inner circumferential surface of the rim portion and forms a swirl flow. The water conduit guides the wash water held in the water tank to a rim outlet. A throttle member 30 is attached to the water conduit 23, the throttle member 30 is capable of adjusting a cross-sectional area of a water-flow passage of the water conduit 23 so as to reduce the cross-sectional area of the water-flow passage of the water conduit 223 as the wash water from the water tank 6 flows at a higher flow rate, and the throttle member 30 is a member different from the bowl body.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/11/2014

(21) Application No.2749/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : OIL RETAINING RING

(51) International classification :F16J15/16,F16H57/04
(31) Priority Document No :12172105.4
(32) Priority Date :15/06/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/062239
Filing Date :13/06/2013
(87) International Publication No :WO 2013/186301
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)FISCHER Rocco**
**2)STEUBLER Thomas**

(57) Abstract :
imThe invention relates to a method for producing an oil retaining ring (1) and to an oil retaining ring (1). The method comprises the following steps: primary forming of a blank which has a groove (43) intended as an oil runout with an oil retaining edge formed in the groove (43); machining the blank on at least one circumferential surface (2) and/or at least one plane surface (3 12) to form a finished part (1) with predetermined diameters (d d) or plane surfaces (3 12); and leaving the groove (43) intended as an oil runout in the state obtained by primary forming on the finished part (1).

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2014

(21) Application No.2909/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COMMUNICATION CONNECTION ESTABLISHMENT METHOD AND TERMINAL

(51) International classification :H04W76/02
(31) Priority Document No :000
(32) Priority Date : -
(33) Name of priority country :
(86) International Application No :PCT/CN2012/083692
Filing Date :29/10/2012
(87) International Publication No :WO 2014/067053
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)JIN Zhihao**

(57) Abstract :
Provided are a communication connection establishment method and a terminal. The communication connection establishment method comprises: a first terminal and a second terminal exchange wireless fidelity (Wi Fi) direct configuration information through a near field communication connection therebetween wherein the exchanged Wi Fi direct configuration information comprises the group information about the first terminal or the second terminal; and a Wi Fi direct connection between the first terminal and the second terminal is established according to the exchanged Wi Fi direct configuration information. The present invention can realize simplification of the establishment process of a Wi Fi direct connection so as to realize that two terminals can both establish a Wi Fi direct connection in the NFC communication range.

No. of Pages : 152 No. of Claims : 66

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/12/2014

(21) Application No.3071/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MOBILE TERMINAL RELAYING OF EVENT NOTIFICATIONS IN AN INTELLIGENT TRANSPORTATION SYSTEM

(51) International classification :H04W4/02,G08G1/0967
(31) Priority Document No :13/482654
(32) Priority Date :29/05/2012
(33) Name of priority country :Canada
(86) International Application No :PCT/IB2013/054319
Filing Date :24/05/2013
(87) International Publication No :WO 2013/179199
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)FOTI George**

(57) Abstract :
Embodiments include a mobile terminal (26) and an intelligent transportation system (ITS) application client (24) associated with a vehicle (22). The mobile terminal (26) establishes a first communication link (28) between the mobile terminal (26) and the ITS application client (24). The mobile terminal (26) also establishes a second communication link (30) via an infrastructure based wireless communication network (14) between the mobile terminal (26) and an ITS application server (12). Having established these links the mobile terminal (26) relays one or more event notification messages between the ITS application client (24) and the ITS application server (12) via the first and second links (28 30). These one or more messages each indicate the occurrence of an event pertinent to travel conditions. Relaying of messages by the mobile terminal (26) in this way advantageously allows the ITS application client (24) associated with the vehicle (22) to send messages to and/or receive messages from the ITS application server (12) even if the vehicle (22) itself is not configured to connect to the infrastructure based network (14).

No. of Pages : 34 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/11/2014

(21) Application No.2738/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : INFORMATION DISPLAY APPARATUS AND METHOD OF USER DEVICE

(51) International classification :G06F3/048,G06F3/14
(31) Priority Document No :1020120066326
(32) Priority Date :20/06/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/005380
Filing Date :19/06/2013
(87) International Publication No :WO 2013/191450
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)JEONG Jin Hong**

(57) Abstract :
Apparatus and methods for displaying information are disclosed herein. In various embodiments a method may comprise providing information via a display. An input may be detected. A position where the input is detected may be set as a reference position. The setting may include dividing the information into a plurality of portions including a first portion and second portion. At least one of the first portion or the second portion may be moved toward the reference position. Other various embodiments are possible.

No. of Pages : 72 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/01/2006
(21) Application No.29/KOL/2006 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : POWER TRANSMISSION SYSTEM

(51) International classification :H02J5/00
(31) Priority Document No :094109323
(32) Priority Date :25/03/2005
(33) Name of priority country :Taiwan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)YEH CHI-NAN**

(57) Abstract :
A power transmission system, which transfers the rotary driving force of the vehicle engine to a continuously variable transmission and then to a gearshift transmission through a centrifugal clutch and a plate clutch for further output, so that the power transmission system fits all different road conditions and terrains that require a high or low torque or a high or low speed, i.e., the system provides both the function of the continuously variable transmission and the function of the gearshift transmission, enabling the performance of the vehicle engine to be fully carried out. Further, because the centrifugal clutch and the plate clutch are separately arranged, there is a free space for selective arrangement of the parts of the vehicle engine and other parts of the vehicle.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/12/2014

(21) Application No.3057/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SOLID BOWL SCREW CENTRIFUGE WITH OVERFLOW WEIR

(51) International classification :B04B1/20
(31) Priority Document No :10 2012 106 226.9
(32) Priority Date :11/07/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/064255
Filing Date :05/07/2013
(87) International Publication No :WO 2014/009272
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)HORSTKÖTTER Ludger**
**2)HERMELER Jürgen**
**3)TERHOLSEN Stefan**

(57) Abstract :
The invention relates to a solid bowl screw centrifuge with at least one or more discharge weir(s) (23) for discharging clarified liquid out of a drum (3) which has a rotational axis (D) and a rotational direction (K) said centrifuge having the following features: a) at least one or more through opening(s) (15) in a drum cover (17) b) each of the at least one through opening(s) (15) is associated with a weir plate (25) which has a recess (29) c) an open discharge channel is formed on the through opening at the recess (29) a deflection from a direction parallel to the rotational direction (D) of the drum substantially into a circumferential direction in the rotational direction (K) being carried out by means of said discharge channel and d) the discharge channel is designed such that exiting liquid is conducted over the base of the discharge channel to an overflow edge (31k) wherein e) the base of the discharge channel to the overflow edge (31k) is inclined inwards in the rotational direction (D) relative to the tangential direction (T) by an inclination angle d = 0 at the point of the overflow edge (31k).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/12/2014

(21) Application No.3058/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AERATION DEVICE A USE THEREOF AND WATER PURIFICATION INSTALLATION WITH SUCH AN AERATION DEVICE

(51) International classification :C02F3/20,B01F3/04
(31) Priority Document No :2012/0463
(32) Priority Date :05/07/2012
(33) Name of priority country :Belgium
(86) International Application No :PCT/BE2013/000031
Filing Date :18/06/2013
(87) International Publication No :WO 2014/005199
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)FABRY Erik Paul**

(57) Abstract :
Aerator for aerating water that comprises a distribution system (4) for distributing air below the water surface and a compressor (2) with an air inlet and at least one air outlet (23) whereby the compressor (2) is configured to be placed below the water surface by this compressor (2) being provided with a housing that prevents the infiltration of water into the compressor (2) whereby the infiltration of water at the air inlet is prevented by an intake pipe (3) being provided of which one open end is above the water surface and the other open end has a watertight connection to the compressor (2) whereby the infiltration of water at the air outlet (23) is prevented because the distribution system (4) has a watertight connection to the air outlet (23) and due to its nature or by at least one valve can hold back water and whereby the housing is in thermal contact with the water to cool the compressor (2) characterised in that the compressor (2) is a centrifugal compressor that comprises an impeller (21) that is driven by a shaft (17) that it is mounted on air bearings
(24) magnetic bearings or both.

No. of Pages : 24 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/12/2014

(21) Application No.3061/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FILLING LEVEL MEASUREMENT

(51) International classification :G01F23/28
(31) Priority Document No :10 2012 211 848.9
(32) Priority Date :06/07/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/063345
Filing Date :26/06/2013
(87) International Publication No :WO 2014/005896
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)LAUE Stefan**
**3)LINDNER Gerhard**
**4)OBERMAIR Frank**
**5)SCHULLERER Joachim**

(57) Abstract :
The invention relates to an apparatus and a method for determining the filling level of a liquid in a container (4). The apparatus comprises at least one element (1 2) which transmits and/or receives acoustic signals. The acoustic signals propagate along a surface of a solid (3). The solid (3) is arranged in such a manner that at least one part of a surface of the solid (3) can be wetted by the liquid. The solid (3) has at different container heights regions (5) which reflect the acoustic signals.

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/12/2014

(21) Application No.3062/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ELECTRIC LINEAR ACTUATOR

(51) International classification :H02K7/06,F16H25/24
(31) Priority Document No :2012139827
(32) Priority Date :21/06/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/066271
Filing Date :12/06/2013
(87) International Publication No :WO 2013/191066
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
This electric linear actuator is constructed with the inclusion of a threaded shaft that is supported in such a manner that the threaded shaft is unable to rotate with respect to a housing while allowed to move in the axial direction thereof. The housing comprises a first housing (2a) and a second housing (2b) that is butted to an end face of the first housing. A first void section (37) which is formed so as to have a substantially semicircular cross section and a second void section (37) which is connected to the first void section and formed so as to have a substantially triangular cross section are provided on the joint surfaces (35 36) of the first housing (2a) and the second housing (2b) so as to face with each other. The first void section (37) is filled with a curable material (39) made of a silicone based liquid gasket. The volume of the curable material (39) is set larger than the volume of the first void section (37) but smaller than the volume of the first void section (37) and the second void section (38) combined.

No. of Pages : 25 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/12/2014

(21) Application No.3065/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FUEL LINE CONNECTOR AND METHOD OF MAKING

(51) International classification :F02M37/00,F16L25/00,F16L55/00
(31) Priority Document No :61/667113
(32) Priority Date :02/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/049171
Filing Date :02/07/2013
(87) International Publication No :WO 2014/008318
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)IGNACZAK Brian T.**
**2)PETERSON David Charles**
**3)DENDEL Jason Earl**

(57) Abstract :
A fuel line connector assembly that includes first and second connectors. The first connector includes a ramp having an inner core and an outer skin surrounding at least a part of the inner core. The inner core extends through the ramp at a location adjacent a radially extending retaining surface for at least a portion of the radial extent of the retaining surface. The second connector has a hook wherein when the first and second connectors are brought together and secured to each other the hook inhibits separation of the first and second connectors by bearing again the retaining surface. The first connector is made by coinjection molding a connector body having the outer skin and inner core with the inner core extending through the ramp to a sacrificial portion and then severing the sacrificial portion from the ramp leaving the inner core exposed at an apex of the ramp.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/12/2014
(21) Application No.3066/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SEPARATOR

(51) International classification :B04B1/08,B04B7/08,B04B9/04
(31) Priority Document No :10 2012 105 499.1
(32) Priority Date :25/06/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/070182
Filing Date :11/10/2012
(87) International Publication No :WO 2014/000829
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)BATHELT Thomas**
**3)QUITER Kathrin**
**4)VOLTMANN Angelika**
**5)HOMANN Thomas**
**6)MEIER Ulrich**

(57) Abstract :
Separator for the centrifugal separation of a flowable product into various phases or for the centrifugal clarification of a product comprising at least the following features: a. a rotatable drum (2) comprising a drum lower section (7) and a drum upper section (8) b. a means arranged in the drum (2) for clarifying a product to be treated in the centrifugal field wherein c. one more than one or all the following elements are made from plastic or a plastic composite: the drum lower section (7) the drum upper section (8) the clarifying means.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/12/2014

(21) Application No.3072/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ROTATING ELECTRIC MACHINE PROVIDED WITH A TERMINAL BOX

(51) International classification :H02K5/22,H02K11/00
(31) Priority Document No :1256269
(32) Priority Date :29/06/2012
(33) Name of priority country :France
(86) International Application No :PCT/IB2013/055330
Filing Date :28/06/2013
(87) International Publication No :WO 2014/002071
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)VOHLGEMUTH Patrick**

(57) Abstract :
A rotating electric machine provided with a terminal box. The present invention concerns a rotating electric machine (1) comprising a housing (2) for the machine (1) and a terminal box (3) mounted on the housing (2) the terminal box (3) comprising a base (10) said base defining at least: one attachment area (24; 25) for the attachment of at least one electronic module (20) said attachment area (24; 25) comprising one or a plurality of support members (42) for receiving fastening elements of the module or modules (20) an electrical connection area (23) the latter comprising at least one pad (30) for receiving at least one electrical connection element (22) the support member or members (42) and the pad or pads (30) being moulded in a single part with the base (10).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/12/2014

(21) Application No.3073/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SPRING BRAKE CYLINDER HAVING COMBINED INLET AND OUTLET DIAPHRAGM VALVE

(51) International classification :B60T17/08,F16K15/14,F16K17/18
(31) Priority Document No :102012012491.0
(32) Priority Date :22/06/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/062739
Filing Date :19/06/2013
(87) International Publication No :WO 2013/189981
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)DEROUAULT Sylvain**
**2)LEBIGRE Hervé**

(57) Abstract :
The invention relates to a spring brake cylinder (1) for brake systems of vehicles comprising a spring brake piston (2) which is arranged in the housing of the spring brake cylinder (1) and can be actuated by at least one accumulator spring (4) and separates a spring chamber (10) containing the accumulator spring (4) from a spring brake chamber (8) of the spring brake cylinder (1) that can be filled with air for release and can be vented of air for application wherein a breathing device (12) is provided at least for venting the spring chamber (10) directly into the atmosphere (18). According to the invention the breathing device (12) is designed as a diaphragm valve device having at least one elastically movable outlet diaphragm (14) and at least one elastically movable inlet diaphragm (16) wherein the inlet diaphragm (16) and the outlet diaphragm (14) are in a closed position in contact with an associated valve seat (20) in the home position of said diaphragms and when a pressure difference between the spring chamber (10) and the atmosphere (18) exceeding a minimum pressure value is present said diaphragms are moved into an open position lifted from the valve seat (20) in order to build up and reduce pressure in the spring chamber (10).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/12/2014

(21) Application No.3074/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HOUSEHOLD APPLIANCE HAVING A WATER SUPPLY ASSEMBLY

(51) International classification :A47L15/48,D06F58/24,D06F25/00
(31) Priority Document No :201210271503.3
(32) Priority Date :27/07/2012
(33) Name of priority country :China
(86) International Application No :PCT/EP2013/064921
Filing Date :15/07/2013
(87) International Publication No :WO 2014/016158
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)CHEN Yanhong**
**2)LI Maoyin**
**3)ZHU Yanglei**
**4)ZIEGLER Jörg**

(57) Abstract :
Disclosed is a household appliance 1 having a water supply assembly 13 comprising a water cavity 9 wherein the water cavity 9 has a first water injection nozzle 19 and a second water injection nozzle 20 and the water supply assembly 13 is connected to the first water injection nozzle 19 and the second water injection nozzle 20 of the water cavity 9 to supply water into the water cavity 9. The water supply assembly 13 comprises: a water inlet pipe 16 capable of bringing in water of different flow rates a first water outlet pipe 17 and a second water outlet pipe 18 respectively connected to the first water injection nozzle 19 and the second water injection nozzle 20 and a water flow allocation device 15 connected among the water inlet pipe 16 the first water outlet pipe 17 and the second water outlet pipe 18 to bring the water from the water inlet pipe 16 into the first water outlet pipe 17 or the second water outlet pipe 18 according to the different flow rates of the water.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/12/2014

(21) Application No.3075/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : STEEL SHEET FOR SOFT NITRIDING AND PROCESS FOR PRODUCING SAME

(51) International classification :C22C38/00,C21D8/02,C22C38/26
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/067022
Filing Date :27/06/2012
(87) International Publication No :WO 2014/002287
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)KOBAYASHITakashi**
**2)NAKAMURANobuyuki**
**3)MEGATetsuya**

(57) Abstract :
Provided is a steel sheet for soft nitriding which is excellent in terms of formability and strength stability after soft nitriding. The steel sheet for soft nitriding has a composition which contains in terms of mass% 0.05 0.10% C up to 0.5% Si 0.7 1.5% Mn up to 0.05% P up to 0.01% S 0.01 0.06% Al 0.5 1.5% Cr 0.005 0.025% Nb and up to 0.005% N so that C and Nb satisfy 0.10=Nb/C=0.30 (C and Nb are the contents of the elements (mass%)) with the remainder comprising Fe and unavoidable impurities and has a structure which is a composite structure comprising ferrite and pearlite the proportion of the portion of the structure which is neither the ferrite nor pearlite being 1% or less and in which less than 50% of the ferrite is accounted for by polygonal ferrite.

No. of Pages : 41 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/12/2014

(21) Application No.3037/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR PRODUCING STEEL SHEET HAVING EXCELLENT CHEMICAL CONVERSION PROPERTIES AND GALLING RESISTANCE

(51) International classification :C25D9/10,C23C22/78
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/068744
Filing Date :18/07/2012
(87) International Publication No :WO 2014/013623
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)OOTSUKA Shinji**
**2)TAIRA Shoichiro**

(57) Abstract :
2Provided is a method for producing a steel sheet having excellent chemical conversion properties and galling resistance. An electrolysis treatment is carried out in an aqueous solution containing a zinc ion and a nitrate ion using a steel sheet as a cathode to form a zinc oxide and/or a zinc hydroxide on the surface of the steel sheet in such a manner that the amount of the zinc oxide and/or the zinc hydroxide becomes 70 to 500 mg/m in terms of metal zinc content and the covering rate of the surface of the steel sheet becomes 60% or more. Subsequently the steel sheet is washed with an aqueous solution containing phosphorus.

No. of Pages : 38 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/12/2014

(21) Application No.3038/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DEVICE AND APPARATUS FOR CARRYING OUT CHEMICAL DISSOCIATATION REACTIONS AT ELEVATED TEMPERATURES

(51) International classification :C25B15/00,B01J19/00,C25B9/00
(31) Priority Document No :220629
(32) Priority Date :25/06/2012
(33) Name of priority country :Israel
(86) International Application No :PCT/IL2013/050540
Filing Date :25/06/2013
(87) International Publication No :WO 2014/002090
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)SCHEINER David**
**2)KARNI Jacob**
**3)GEORGE Raymond A.**
**4)SEIDEN Gabriel**

(57) Abstract :
A reactor is provided which comprises: a plurality of reaction units located within a reaction zone each of the reaction units being adapted to enable carrying out a chemical reaction of one or more raw gases (e.g. at least one of CO2 and H20); ingress means to allow introduction of the one or more raw gases into the reaction zone and to allow distributing the incoming gas to the plurality of reaction units; egress means to allow exit of reaction products from the reaction zone; and a heating system. The reaction units extend essentially along a longitudinal axis of the reaction zone and are arranged in a spaced apart relationship along a lateral axis of the reaction zone. The heating system comprises a plurality of heating sources extending along the reaction zone thereby providing at least a part of the energy to carry out the reaction process within the reaction units.

No. of Pages : 34 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/12/2014

(21) Application No.3039/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : REFRIGERATION DEVICE

(51) International classification :F25B1/00,F25B49/02
(31) Priority Document No :2012133932
(32) Priority Date :13/06/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/062621
Filing Date :30/04/2013
(87) International Publication No :WO 2013/187147
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)DAIKIN INDUSTRIES LTD.**
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(72)**Name of Inventor :**
**1)NAKAI Akinori**
**2)TOYODA Daisuke**

(57) Abstract :
The purpose of the present invention is to provide a highly reliable refrigeration device wherein appropriate protection control is reliably carried out even if a compressor is running when the temperature of a refrigerant is measured at the outside of the compressor and protection control is carried out on the basis of said temperature. An air conditioning device (1) is provided with a compressor (31) for compressing a refrigerant a discharge pipe temperature sensor (51) and a protection control part (41c). The discharge pipe temperature sensor detects the temperature of the refrigerant discharged from the compressor at the outside of the compressor. The protection control part determines the transient time which is after the compressor was actuated and a steady time which is after the transient time is completed and in which the state of the refrigerant is stabilized. During the transient time the protection control part carries out protection control of the compressor when the discharge pipe temperature detected by means of the discharge pipe temperature sensor surpasses a first determination temperature. Meanwhile during the steady time the protection control part carries out protection control of the compressor when the discharge pipe temperature surpasses a second determination temperature.

No. of Pages : 28 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/05/2014
(21) Application No.575/KOL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A RAPID METHOD OF DYEING TEXTILES AND HAIR WITH PLASMONIC NANOPARTICLES.

| | | |
|---|---|---|
| (51) International classification | :A61K 8/00 | (71)**Name of Applicant :** **1)BORA UTPAL** |
| (31) Priority Document No | :NA | Address of Applicant :QTR NO-E50,IIT GUWAHATI |
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| (33) Name of priority country | :NA | **2)DAS RATUL KUMAR** |
| (86) International Application No | :NA | **3)DAS SURADIP** |
| Filing Date | :NA | (72)**Name of Inventor :** |
| (87) International Publication No | : NA | **1)BORA UTPAL** |
| (61) Patent of Addition to Application Number | :NA | **2)DAS RATUL KUMAR** |
| Filing Date | :NA | **3)DAS SURADIP** |
| (62) Divisional to Application Number | :NA | |
| Filing Date | :NA | |

(57) Abstract :
The present invention describes a rapid, eco-friendly and room temperature based method of dyeing synthetic and natural fibers, yarns and fabrics for textile and biomedical applications. Further, the invention also discloses method of dyeing of hair for cosmetic purposes. Plasmonic nanoparticle synthesized using plant extract as reducing agent is used as dye herein. Modification in shape and size of the nanoparticles lead to different hues of colour.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2014

(21) Application No.2984/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COATED CUTTING INSERT

(51) International classification :C23C30/00,C23C14/06,C23C14/32
(31) Priority Document No :12004857.4
(32) Priority Date :29/06/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/062873
Filing Date :20/06/2013
(87) International Publication No :WO 2014/001190
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)LARSSON Tommy**
**2)L–FROTH Peter**
**3)KALLERHULT Hanna**
**4)ENGSTRÖM Hindrik**
**5)QVICK Jan**

(57) Abstract :
A cutting tool insert comprising a cemented carbide substrate and a coating comprising a layer of NbN wherein the cemented carbide substrate comprises 11 12.5 wt% cobalt 0.2 1.2 wt% chromium and 86.3 88.4 wt% wolfram carbide.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/12/2014

(21) Application No. 2965/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : FREIGHT RACK

| | |
|---|---|
| (51) International classification | :B65D 90/00,B65D 85/6 |
| (31) Priority Document No | :2013-196236 |
| (32) Priority Date | :20/09/2013 |
| (33) Name of priority country | :Japan |
| (86) International Application No<br>Filing Date | :PCT/JP2014/066444<br>:20/06/2014 |
| (87) International Publication No | :WO/2015/040912 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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(72)**Name of Inventor :**
**1)OMUTA MAMORU**
**2)HANASHIRO YUKIO**

(57) Abstract :
[Problem] Provided is a freight rack that improves rigidity for supporting freight and also allows pillars and a freight mounting frame to be folded or erected on a base member without use of a machine such as a forklift. [Solution] On a base member (10), two sets of portal supports (30), (40), in which right and left pillars (31), (41) and a horizontal member (32), (42) are coupled to each other, stand with an interval in a front and rear direction, where the horizontal member is vertically shiftable along the pillars and fixed to the pillars at a selected height. A freight mounting frame (20) is supported by the horizontal member (42) of one portal support (40) so as to be rotatable in a vertical plane, and is also placed on the horizontal member (32) of the other portal support (30) so as to be movable in the front and rear direction.

No. of Pages : 44 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/12/2012

(21) Application No. 4010/KOLNP/2012 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AUTOMATICALLY RINGING ELECTRONIC DOOR LOCK

(51) International classification :E05B45/06,E05B47/00
(31) Priority Document No :10-2010-0062186
(32) Priority Date :29/06/2010
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/005450
Filing Date :18/08/2010
(87) International Publication No :WO 2012/002608
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)CHO, Hee Moon**

(57) Abstract :
The present invention relates to an automatically ringing electronic door lock and more particularly to an electronic door lock that rings automatically when a keypad of the electronic door lock is pressed to open a door such that a person on the other side of the door can easily perceive the presence of a visitor. An electronic door lock according to the present invention comprises: an outdoor unit installed outside a door and including a keypad having a numeric pad for inputting a security code for locking/unlocking the door; an indoor unit installed inside the door and locking/unlocking the door in response to a door locking signal and a door unlocking signal according to the security code inputted to the outdoor unit; and a bell button disposed in a certain region of the outdoor unit to output a melody when the bell button is operated to call a person to the inside of the door. When the numeric pad of the keypad is pressed a melody is outputted in the same manner as that of the bell button.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2014

(21) Application No.587/KOL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : AN ADVANCED SYSTEM FOR CONTINUOUS AND RELIABLE MONITORING OF ELECTROSTATIC PRECIPITATOR OPERATION.

(51) International classification :B03C3/36
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)VELU SUBBAN SURESHKUMAR**
**2)VIVEK PHILIP JOHN**

(57) Abstract :
The invention relates to an advanced system to continuously and reliably monitor hopper heater status and Ash level of Hopper of electrostatic precipitator to enhance the efficiency of the (ESP) comprising a central processing unit (CPU) having an in-built memory with control logic, an input interface, an output interface which is on one hand connected to multiple peripheral devices via an internal signal bus, on the other hand operably connected to a central plant control system including a plurality of peer controllers via open standard communication protocol; a first current transducer sensing current flowing through a heater coil from a power supply and transmits signals to the (CPU); an input circuit receiving data relating to ash-level in the hoppers sensed by a second transducer for transmitting the data to the (CPU); the (CPU) processing the received data and transmiting the processed data to the central plant system including the plurality of peer controllers via interfaces of controller Area Network and wireless protocol interface.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/12/2014

(21) Application No.2954/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ADVANCED GEOCASTING METHODS IN MOBILE COMMUNICATION NETWORKS AND NETWORK NODES THEREFOR

(51) International classification :H04W4/04,H04W8/02
(31) Priority Document No :61/661414
(32) Priority Date :19/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/062719
Filing Date :19/06/2013
(87) International Publication No :WO 2013/189974
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)REMBARZ Rene**
**2)BRANCACCIO Enrico**
**3)DJORDJEVIC Branko**
**4)FOTI George**

(57) Abstract :
The invention relates to a method for providing a network service in a communication network (50) covering a geographical area for a plurality of mobile clients (40). A mobile client (40) (among the plurality of mobile clients) registers (s10) with the communication network (50). A geomessaging register (30) identifies (s20) a service enabler (20) based on registration information of said mobile client (40). The geomessaging register (30) sends (s30) to the identified service enabler (20) contact information of said mobile client (40). The service enabler (20) sends (s40) to the geomessaging register (30) contact information of the service enabler (20). The geomessaging register (30) then sends (s50) to the mobile client (40) said contact information of the service enabler (20). Finally the mobile client (40) is connected (s60) to the service enabler (20) for receiving the network service. The invention also relates to network nodes for participating in providing such services.

No. of Pages : 55 No. of Claims : 13

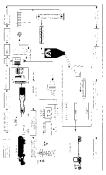
(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2010
(21) Application No.906/KOL/2010 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : HIGH FLAME TEMPERATURE REACTOR (HFTR) FOR PRODUCING CARBON BLACK AND A METHOD THEREOF

(51) International classification :C09C1/44
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**2)JANA, ALOK**
**3)THERATHINAL SANKARANARAYANAN, SUNILKUMAR**
**4)CHENGAMANATTU ALIAS, KURIAKOSE**

(57) Abstract :
A reactor system for the manufacture of carbon black by furnace process with higher yield by increased heat input and higher flame temperature in the reactor and a method of its manufacture. More particularly, the present invention relates to manufacture of carbon black by furnace process economically involving increased flame temperature. The system and method of the invention for production of Carbon black of the invention is directed to achieve higher yield by way of attaining higher heat input and increased flame temperature. The system and method is capable of achieving significant reduction of Sieve Residue, controlled narrow particle size and aggregate size distribution, imparting high color (improved jetness) and higher tinting strength as compared to carbon black produced using conventional high temperature reactor. The reactor system and process substantially increases the yield% in the range of 0.7-1.5% and productivity by way of about 13-16% increase in the heat input to the reactor.



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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2014

(21) Application No.591/KOL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DEVICE AND METHOD FOR POSITIONING AND TIGHTENING OF THREADED RING INSIDE DEEP BORE IN IV AND CV CASING OF STEAM TURBINE

| | |
|---|---|
| (51) International classification | :F01D 21/00 |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

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**1)SWAPAN SARKAR**
**2)ANKUR MEGHANI**
**3)DILIP KUMAR**
**4)RAVIKANT SAINI**

(57) Abstract :
A positioning device for a steam governing system wherein the interceptor valve (IV) and control valve (CV) includes threaded ring (10) to be placed deep inside a bore consisting different threaded profile, wherein the said device comprise plurality of locating plates (2) fastened with pipe subassembly which hauls up the threaded ring and accurately positions it within the IV and CV casing bore, wherein the said IV and CV casing bore is configured to synchronies with the threaded profile of the said threaded ring (10) thereby tightening the said threaded ring. Method of positioning threaded ring (10) inside the LV and CV casing (20) bore of a steam turbine system.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2014

(21) Application No.592/KOL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A UNIVERSAL LOCATOR FOR RS MILLING OF STEAM TURBINE BLADES

(51) International classification :F01D5/28
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)INDRAJEET KUMAR**
**3)SONESHWAR KUMAR SONA**
**4)PAWAN KUMAR**
**5)SURJEET SINGH**
**6)PRANAB DAS**

(57) Abstract :
A universal locator for RS milling of steam turbine blade comprising: a locator body (3) having slots in longitudinal and transverse direction; a fixture pad (4) for supporting the job a locating pin (1) for ensuring reference point; characterized in that the locator body (3) with locating pin (1) slides the fixture pad (4) for taking reference point from hub of the blade irrespective of whether the blade are having slot or not.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/05/2014

(21) Application No.593/KOL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : UNIVERSAL MAKE SHIFT TURBO-GENERATORS'-A NOVEL DESIGN APPROACH

(51) International classification :F16C17/02
(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

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(72)**Name of Inventor :**
**1)UPPULURI SRIDHAR**

(57) Abstract :
A universal make shift generator that replaces generator at site and needs to be sent for serving having arrangement comprising: and shield mounted bearings in place of pedestal mounted bearings in order to reduce the generator rotor length; an intermediate coupling installed in the space created by reduction in generator rotor length between the turbine and generator to cater to the lateral and torsional analysis requirement; radial rib provided on the non drive and to create more space in the output terminal zone; the make shift generator is disposed resting on a base frame that suits with the foundation at the bottom and machine with stator and bearing at the top.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/12/2014

(21) Application No.2841/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : APPARATUS AND METHOD FOR OPERATING ANTENNAS

(51) International classification :H01Q21/06,G06K17/00,G06K19/077
(31) Priority Document No :1020120072017
(32) Priority Date :03/07/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/005730
Filing Date :27/06/2013
(87) International Publication No :WO 2014/007491
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)JI Jun Hak**
**2)KIM Yong Yi**

(57) Abstract :
An apparatus and a method for operating antennas are provided. A terminal includes a plurality of short range wireless communication antennas each antenna disposed on different surface or in a vicinity of the different surface of the terminal and a short range wireless communication control module configured to control to select at least one of the plurality of short range wireless communication antennas.

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/12/2014

(21) Application No.3000/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : REFRIGERATION DEVICE

(51) International classification :F25B1/00,F25B13/00
(31) Priority Document No :2012121213
(32) Priority Date :28/05/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/061597
Filing Date :19/04/2013
(87) International Publication No :WO 2013/179803
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)KAWANO Satoshi**
**2)MATSUOKA Shinya**
**3)OKA Masahiro**

(57) Abstract :
A refrigeration device is configured in such a manner that an increase in the size of a heat exchanger for injection is minimized and in such a manner that the function of reducing the discharge temperature of a compressor is ensured. An air conditioning device (10) using an R32 refrigerant is provided with: a compressor (20); an indoor heat exchanger (50); an outdoor expansion valve (41); an outdoor heat exchanger (30); a branch pipe (62); an electric valve (63) and a heat exchanger (64) which are used for injection; a high pressure receiver (80); and the like. The heat exchanger (64) allows the exchange of heat between a refrigerant which flows though a main refrigerant flow passage (11a) and a refrigerant which has passed through the electric valve (63) in the branch pipe (62). A first injection flow passage (65) conducts a refrigerant to the compressor (20) the refrigerant having flowed through the branch pipe (62) and exited from the heat exchanger (64). A second injection flow passage (82) conducts a refrigerant gas component in the high pressure receiver (80) to the compressor (20).

No. of Pages : 47 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2014

(21) Application No.2976/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : RESERVOIR AND HEATER SYSTEM FOR CONTROLLABLE DELIVERY OF MULTIPLE AEROSOLIZABLE MATERIALS IN AN ELECTRONIC SMOKING ARTICLE

(51) International classification :A24F47/00
(31) Priority Document No :13/536438
(32) Priority Date :28/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/047854
Filing Date :26/06/2013
(87) International Publication No :WO 2014/004648
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)WILLIAMS Karen V.**
**3)SEARS Stephen Benson**
**4)INGEBRETHSEN Bradley James**
**5)ADEME Balager**
**6)ALDERMAN Steven Lee**
**7)COLLETT William Robert**
**8)DOOLY Grady Lance**
**9)NOVAK III Charles Jacob**

(57) Abstract :
The present disclosure relates to an electronic smoking article that provides for improved aerosol delivery. Particularly the article provides for separate delivery of two or more components of an aerosol precursor composition from one or more reservoirs to one or more heaters so as to control the rate of delivery or the rate of heating of the separate components of the aerosol precursor composition.

No. of Pages : 62 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2014

(21) Application No.2793/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : EXHAUST GAS PURIFICATION DEVICE AND METHOD FOR THE REDUCTION OF NITROGEN OXIDES FROM AN EXHAUST GAS OF A FOSSIL FIRED POWER PLANT

(51) International classification :B01D53/86
(31) Priority Document No :10 2012 210 997.8
(32) Priority Date :27/06/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/060386
Filing Date :21/05/2013
(87) International Publication No :WO 2014/000977
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)HAMMER Thomas**
**2)BRÜCKNER Jan**

(57) Abstract :
x222x22xx1The invention relates to a catalytic exhaust gas purification device (1) for the reduction of nitrogen oxides from an exhaust gas (2) of a fossil fired power plant having a heating gas duct (3) which extends along a flow direction (34) and having a reactor chamber (4) which is arranged in the heating gas duct (3). In the reactor chamber (4) there are arranged a first reduction reactor (5) for the reduction of nitrogen oxides NO to form water HO and nitrogen N an oxidation reactor (6) which is connected downstream of the first reduction reactor (5) in the flow direction for the oxidation of nitrogen monoxide NO to form nitrogen dioxide NO and a second reduction reactor (7) which is connected downstream of the oxidation reactor (6) in the flow direction for the reduction of nitrogen oxides NO to form water HO and nitrogen N. By means of the invention a reduction of nitrogen oxides NO from an exhaust gas of a fossil fired power plant is achieved with high efficiency and in a small installation space. The invention also relates to a method for the reduction of nitrogen oxides NO from a nitrogen oxide containing exhaust gas (AG) from a combustion process.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2014

(21) Application No.606/KOL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A SYSTEM AND A METHOD TO REMOVE TAPER SLEEVE FROM A TUNGSTEN CARBIDE RING DEPLOYED IN ROLLING OF BAR IN A FINISHED BAR ROLLING MILLS.'

| | | |
|---|---|---|
| (51) International classification | :B22F1/00 | (71)**Name of Applicant :** |
| (31) Priority Document No | :NA | **1)TATA STEEL LIMITED** |
| (32) Priority Date | :NA | Address of Applicant :RESEARCH AND DEVELOPMENT |
| (33) Name of priority country | :NA | AND SCIENTIFIC SERVICES DIVISION, JAMSHEDPUR-831001, INDIA Jharkhand India |
| (86) International Application No | :NA | |
| Filing Date | :NA | (72)**Name of Inventor :** |
| (87) International Publication No | : NA | **1)MR. P.K. TIWARY** |
| (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 of removing a taper sleeve (2) from a Tungsten Carbide ring (1) deployed in rolling of bar comprises of a mainframe, a hydraulic cylinder, a pump with pressure gauge to operate the cylinder. Two parallel rails (8) are disposed for accommodating the movement of the trolley (11). Two stoppers welded at two predetermined positions on both ends of rails for stopping a trolley (11). The trolley along with ring (1) and sleeve (2) is taken is pushed to the back stopper and is placed at the center with the help of a marking on a rubber pad bolted on the plates (13). A hydraulic cylinder (9) is operated by a pump (7) pushes the sleeve (2) out of the ring (1). Hydraulic cylinder is retracted fully by releasing pressure. The trolley is pulled out upto the stopper to remove the ring (1) from top and sleeve (2) and cylinder (9) from trolley (11).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.2717/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PULL OUT GUIDE DEVICE FOR FURNITURE PARTS THAT ARE MOVABLE RELATIVE TO ONE ANOTHER COMPRISING A ROLLER BEARING DEVICE

(51) International classification :A47B88/10,A47B88/14
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2012/062242
Filing Date :25/06/2012
(87) International Publication No :WO 2014/000762
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)BÜSCHER Reinhard**

(57) Abstract :
The invention relates to a pull out guide device for furniture parts that are movable relative to one another comprising a roller bearing device having the following: rolling elements (3a b c d ... 4a b) which are rotatably mounted in at least one rolling bearing cage (2) wherein at least one of the rolling elements (4a b) is held and rotatably mounted in at least one bearing area of the bearing cage (2) by means of an interference fit and wherein the bearing area(s) are plastically deformed in the region of the interference fit following the first insertion.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/12/2014

(21) Application No.3004/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR IMPROVING TOUCH RECOGNITION AND ELECTRONIC DEVICE THEREOF

(51) International classification :G06F3/03,G06F3/041,G06F9/44
(31) Priority Document No :1020120067194
(32) Priority Date :22/06/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/005189
Filing Date :12/06/2013
(87) International Publication No:WO 2013/191408
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)KIM Sang Heon**

(57) Abstract :
A method for recognizing touch information in an electronic device and an electronic device. The method includes when a touch is detected determining whether or not a touch input mode for the touch; determining a reference distance in consideration of the touch input mode; and determining an event type corresponding to the touch by comparing a change distance of a touch point related to the touch with the reference distance.

No. of Pages : 28 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/12/2014

(21) Application No.3005/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : POLYMER-NSAID CONJUGATE

(51) International classification :A61K31/5383,A61K31/4745,A61K31/416
(31) Priority Document No :61/664,305
(32) Priority Date :26/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/AU2013/000688
Filing Date :26/06/2013
(87) International Publication No :WO 2014/000033
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)DONOHUE, Andrew Craig**
**3)TAIT, Russell John**
**4)GRAICHEN, Florian Hans Maximilian**
**5)NG, Sarah Man Yee**
**6)SULISTIO, Adrian**

(57) Abstract :
The invention relates to polymer-drug conjugate for delivering a substituted alkanoic acid non-steroidal anti-inflammatory drug (NSAID). The invention also relates to drug delivery systems comprising the polymer-NSAID conjugate. The polymer-NSAID conjugates comprise a substituted alkanoic acid non-steroidal anti-inflammatory drug (NSAID) conjugated to a biodegradable polymer backbone by an ester linkage.

No. of Pages : 185 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/12/2014

(21) Application No.3009/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR PRODUCING A CONTACTLESS MICROCIRCUIT

(51) International classification :G06K19/077
(31) Priority Document No :1201866
(32) Priority Date :02/07/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/050982
Filing Date :03/05/2013
(87) International Publication No :WO 2014/006286
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)BOIRON, Ghislain**
**2)PIC, Pierre**

(57) Abstract :
The invention relates to a method for the production of a contactless microcircuit antenna coil, comprising steps consisting in: depositing a first electrically conductive layer (AL) on a first face of a card, and forming a spiral antenna coil (MA1) in the first layer, said coil comprising multiple turns including an inner turn (IS) connected to an inner connection pad (ACT2) and an outer turn (ES) connected to an outer connection pad (ACT1). The outer turn (ES) extends along the entire contour of the antenna coil except in one area in order to allow the passage of a conductive track connecting the outer connection pad (ACT1) to the outer turn. The outer and inner connection pads (ACT1, ACT2) of the antenna coil (MA1) are formed in a central zone (CZ) of the outer turn. The antenna coil comprises a bypass zone (CST1) in which each turn bypasses the outer connection pad.

No. of Pages : 25 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/12/2014

(21) Application No.3012/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DISK BRAKE

(51) International classification :F16D65/18
(31) Priority Document No :10 2012 012 831.2
(32) Priority Date :28/06/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/063512
Filing Date :27/06/2013
(87) International Publication No :WO 2014/001454
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)CAMILO MARTINEZ Jose**
**2)PRITZ Wolfgang**
**3)MACK Martin**

(57) Abstract :
A disk brake comprising a brake caliper in which two brake linings that can be forced against a brake disk when in operation a brake lining on the effective side being actuatable via a brake piston (4) by an application device and the brake piston (4) being led through an opening of a closing cover (12) that closes a receiving chamber of the brake caliper a bellows (14) resting against the brake piston (4) and on the other side against the closing cover (12) to seal the receiving chamber a secondary seal (15) being retained on the closing cover which secondary seal is arranged concentrically to the bellows (14) and rests against the brake piston (4) is designed such that the secondary seal (15) rests slidingly against the brake piston (4).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/12/2014

(21) Application No.3013/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : POWER CONVERTER AND OPERATING METHOD FOR CONVERTING VOLTAGES

(51) International classification :H02M7/797,H02M7/483
(31) Priority Document No :102012211122.0
(32) Priority Date :28/06/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/062003
Filing Date :11/06/2013
(87) International Publication No :WO 2014/001079
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)BAKRAN Mark Matthias**

(57) Abstract :
DC222222222222DCIn order to transmit electrical energy between a DC voltage system and an at least n phase AC voltage system a power converter (10) is provided and comprises an n phase transformer (20) and a power converter circuit (12) with n MMC modules (30) wherein the number n is at least three. The MMC modules (30) are connected in series. The power converter (10) comprises decoupling capacitors (16) for supplying electrical energy to the transformer (20) and/or for removing electrical energy from the transformer (20). Each winding (21) of a first side (21s) of the transformer (20) forms a series circuit (17) with each of the decoupling capacitors (16) wherein each of the series circuits (17) is connected in parallel with each of the MMC modules (30). Operating methods (100 200) for converting a DC voltage (U) into an at least three phase AC voltage (U U U ) and for converting an at least three phase AC voltage (U U U ) into a DC voltage (U) are also provided.

No. of Pages : 38 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/12/2014

(21) Application No.3014/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DINUCELOSIDE POLYPHOSPHATES FOR THE TREATMENT OF PAIN

(51) International classification :A61K31/7084,A61P29/02
(31) Priority Document No :1209244.1
(32) Priority Date :25/05/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/051377
Filing Date :24/05/2013
(87) International Publication No :WO 2013/175231
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)LOZOVAYA Natalya**
**3)BURNASHEV Nail**
**4)GINIATULLIN Rashid**

(57) Abstract :
The invention provides a dinucleoside polyphosphate analogue or a pharmaceutically acceptable salt thereof for use in the inhibition (or down regulation) of a pain via a transducing ATP gated P2X3 receptor often by means of high affinity desensitisation (HAD) mechanism.

No. of Pages : 57 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/12/2014

(21) Application No.3035/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : VIDEO DATA STREAM CONCEPT

(51) International classification :H04N7/26,H04N21/00
(31) Priority Document No :61/666185
(32) Priority Date :29/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/063853
Filing Date :01/07/2013
(87) International Publication No :WO 2014/001573
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**2)GEORGE Valeri**
**3)HENKEL Anastasia**
**4)MARPE Detlev**
**5)GRÜNEBERG Karsten**
**6)SKUPIN Robert**

(57) Abstract :
Decoder retrieval timing information. ROI information and tile identification information are conveyed within a video data stream at a level which allows for an easy access by network entities such as MANEs or decoder. In order to reach such a level information of such types are conveyed within a video data stream by way of packets interspersed into packets of access units of a video data stream. In accordance with an embodiment the interspersed packets are of a removable packet type i.e. the removal of these interspersed packets maintains the decoder s ability to completely recover the video content conveyed via the video data stream.

No. of Pages : 106 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/12/2014

(21) Application No.2860/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DOWNLINK DATA BLOCK PROCESSING METHOD DEVICE AND SYSTEM

| | |
|---|---|
| (51) International classification | :H04W72/12,H04W92/12,H04L12/70 |
| (31) Priority Document No | :201210176678.6 |
| (32) Priority Date | :31/05/2012 |
| (33) Name of priority country | :China |
| (86) International Application No<br>Filing Date | :PCT/CN2013/075919<br>:20/05/2013 |
| (87) International Publication No | :WO 2013/178025 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

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**1)HUANG Xiaoming**

(57) Abstract :
Provided are a downlink data block processing method device and system the method comprising: a base station controller (BSC) determines that the packet data channel (PDCH) of a base transceiver station (BTS) has no data to be transmitted to a mobile station; and the BSC transmits an instruction message to instruct the BTS to stop transmitting downlink data blocks on the PDCH. The present invention solves the problem in the prior art that most downlink data blocks transmitted by the BTS are invalid due to the smaller data quantity of a PS service (that is the data blocks do not contain the data transmitted to the mobile station by a core network); when no PS service data of the mobile station needs to be transmitted the BTS will not transmit invalid downlink data blocks thus avoiding interference to the other signals of an air interface improving air interface performance and effectively improving the quality of PS service and CS service. In addition utilizing the technical solution provided in the embodiment can effectively reduce the power consumption of the BTS.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/12/2014

(21) Application No.3020/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CONTROL DEVICE FOR INTERNAL COMBUSTION ENGINE

(51) International classification :F02D13/02,F02D41/22,F02D43/00
(31) Priority Document No :2012-159208
(32) Priority Date :18/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/069389
Filing Date :17/07/2013
(87) International Publication No :WO 2014/014018
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)Yuji SASAKI**

(57) Abstract :
The present invention is equipped with a variable timing control (VTC) mechanism which is capable of varying valve timing. An estimated value for the VTC conversion angle (VTCNFS) is calculated on the basis of the detected VTC conversion angle (VTCNOW) (S15 to S19). When converting the VTC conversion angle to the advanced side or the delayed side, the fastest response value when the VTC conversion angle with respect to the previous detected value is converted using the fastest response speed is calculated, and if the current detected valve timing value exceeds the fastest response value, the detected value (estimated value) is restricted so as not to exceed the fastest response value (S20, S21).

No. of Pages : 25 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/12/2014

(21) Application No.1299/KOL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : DEVICE AND METHOD FOR CONTROLLING LINEAR COMPRESSOR

(51) International classification :F04B17/04
(31) Priority Document No :10-2013-0159529
(32) Priority Date :19/12/2013
(33) Name of priority country :Republic of Korea
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)LIM SUNGJIN**
**2)RYU NAYI**
**3)PARK SUNGHO**

(57) Abstract :
The cortrol module includes a drive circuitry that drives the linear compressor based on a control signal, a detector that detects a motor current and a motor voltage corresponding to a motor of the linear compressor, an asymmetric current generator that generates an asymmetric motor current by applying a current offset to the detected motor current, and a controller that generates the control signal based on the asymmetric motor current and the detected motor voltage. Such a control module may increase a maximum freezing capacity by appropriately (or optimally) designing (setting) an initial value of a piston in a driving area or an operation area (or a high-efficiency driving area) of a compressor by considering the efficiency aspect, and executing an asymmetric operation in a high-load driving area (or a high freezing capacity driving area).

No. of Pages : 83 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/12/2014

(21) Application No.2829/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : POWER TRANSMISSION DEVICE

(51) International classification :F16D13/52,F16D13/70,F16D13/71
(31) Priority Document No :2012127440
(32) Priority Date :04/06/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/065359
Filing Date :03/06/2013
(87) International Publication No :WO 2013/183588
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)YOSHIMOTO Katsu**
**2)CHEN Han Hiong**
**3)AONO Kaoru**
**4)MURAI Masataka**

(57) Abstract :
[Problem] To provide a power transmission device capable of maintaining operability when power transmission is being blocked and capable of simplifying configuration and limiting malfunctions. [Solution] A power transmission device comprising a clutch housing (2) a driving side clutch plate (6) and a driven side clutch plate (7) a clutch member (4) a pressure member (5) a weight member (8) and an operation member (9) capable of moving the pressure member (5). The power transmission device is equipped with: an interlinking member that can move towards the pressure member (5) and is obtained from a first plate (11) and a second plate (12); and an elastic member (13) that in association with movement of the interlinking member is capable of pressing the pressure member (5) and moving said pressure member (5) in the direction that causes the driving side clutch plate (6) to press against the driven side clutch plate (7) and when the operation member (9) is being operated is capable of absorbing the pressing force of the pressure member (5) on the interlinking member.

No. of Pages : 46 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2014

(21) Application No.1238/KOL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ELECTRONIC COMPONENT CASE FOR VEHICLE

(51) International classification :H05K7/20
(31) Priority Document No :10-2014-0033485
(32) Priority Date :21/03/2014
(33) Name of priority country :Republic of Korea
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)SUN, JONG IN**

(57) Abstract :
An electronic component case for a vehicle is provided. The electronic component case includes a case body having a first space in which electronic components are disposed and a second space, which has an opening that is opened to the outside, defined adjacent to the first space to receive heat generated from the electronic components, wherein a coolant for cooling the electronic components is introduced into and discharged from the second space, and a cover disposed on the case body to seal the opening of the second space. The cover includes a first cover sealing the opening and a second cover sealing the opening and having one surface on which a first cooling part for increasing a surface area of the second cover is disposed. The first cover and the second cover are compatible with each other.

No. of Pages : 28 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/12/2014

(21) Application No.3098/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND APPARATUS FOR DETECTION AND MANAGEMENT OF AIR IN LINE

(51) International classification :A61M5/36
(31) Priority Document No :13/531554
(32) Priority Date :24/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/046594
Filing Date :19/06/2013
(87) International Publication No :WO 2014/004216
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)JURETICH Jeffery T.**
**3)GUPTA Ramji**
**4)MARTEL Daniel A.**

(57) Abstract :
In an infusion pump operable to deliver fluid to a patient at a programmed therapy flow rate air in line sensing is improved by commanding the pumping mechanism to deliver a bolus volume of fluid at a flow rate higher than the therapy flow rate when an uninterrupted volume of air is detected that exceeds a first threshold. In many cases the bolus will be effective to clear microbubbles from an observation zone of the air in line sensor to avoid an air in line alarm condition. If the uninterrupted volume of air continues to grow beyond a second threshold in spite of the bolus then an alarm may be triggered. The invention reduces false alarms.

No. of Pages : 28 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/11/2009

(21) Application No.3795/KOLNP/2009 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SYSTEM AND METHOD FOR ATTENUATING THE EFFECT OF AMBIENT LIGHT ON AN OPTICAL SENSOR

(51) International classification :G01N21/45
(31) Priority Document No :60/462695
(32) Priority Date :15/04/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/011392
Filing Date :14/04/2004
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2219/KOLNP/2005
Filed on :09/11/2005

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**1)COLVIN, JR., ARTHUR E**
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**3)LESHO, JEFFERY, C**
**4)LYNN, ROBERT, WILLIAM**
**5)LORENZ, CARRIE, R**
**6)O' CONNOR, CASEY, J**
**7)WALTERS, STEVEN, J**

(57) Abstract :
The present invention provides systems and methods for attenuating the effect of ambient light on optical sensors and for measuring and compensating quantitatively for the ambient light.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/12/2014

(21) Application No.3049/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : PREDISTORTION ACCORDING TO AN ARTIFICIAL NEURAL NETWORK (ANN) BASED MODEL

(51) International classification :H03F1/32,H03F3/24,H03F3/189
(31) Priority Document No :61/663905
(32) Priority Date :25/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/055223
Filing Date :25/06/2013
(87) International Publication No:WO 2014/002017
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)BAI Chunlong Dr.**

(57) Abstract :
Embodiments include a method for predistorting an input signal (14) at a predistorter (28) to compensate for distortion introduced by a non linear electronic device (12) operating on the input signal (14) to produce an output signal (16). The method entails generating (100) first and second signal samples (30 32) for each of a plurality of sampling time instances. The first and second signal samples (30 32) represent the input and output signals (14 16) and are spaced at unit delay intervals. The method further entails calculating (110) from the first and second signal samples (30 32) parameters for an ANN based model (36). The ANN based model (36) includes a tapped delay line configured to dynamically model memory effects of the distortion introduced by the device (12) or of the response of the predistorter (28) with a multi unit delay interval between at least one pair of adjacent delays.

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/11/2014

(21) Application No.2757/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : OPTICAL NETWORK TERMINAL MANAGEMENT CONTROL INTERFACE MESSAGE TRANSMISSION METHOD AND SYSTEM AND CORRESPONDING DEVICE

(51) International classification :H04L12/24
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/076159
Filing Date :28/05/2012
(87) International Publication No :WO 2013/177736
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)LIANG Xuanqin**
**2)ZHENG Gang**
**3)LUO Yuanqiu**
**4)WU Wei**

(57) Abstract :
Disclosed are an OMCI message multicast method and system and a corresponding device. The method comprises: an optical line terminal device sending configuration information to an optical network terminal device the configuration information being used for indicating to the optical network terminal device to configure the open state of a home terminal multicast port to establish a multicast channel; and sending to an optical network unit device an OMCI message which carries multicast information via the multicast channel the multicast information comprising a multicast port identifier the multicast port identifier being used for reflecting the mapping relationship between the OMCI message and the multicast port.

No. of Pages : 38 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/11/2014

(21) Application No.2758/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : IMPROVED ENERGY CONVERSION AND ASSOCIATED APPARATUS

(51) International classification :F02P23/04,H01S1/06,F01K11/00
(31) Priority Document No :1207510.7
(32) Priority Date :30/04/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/051108
Filing Date :30/04/2013
(87) International Publication No :WO 2013/164601
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)MCMAHON Richard**

(57) Abstract :
Methods and apparatus (10) for providing mechanical energy. The apparatus (10) for providing mechanical energy comprises a motor (11) for providing mechanical energy. The motor (11) comprises a chamber (17 117 217 317 417) for receiving a fluid to be heated. An amplified stimulated emission radiation source (e.g. a laser and/or a maser) (36 436) is provided for supplying radiation to the chamber (17 117 217 317 417).

No. of Pages : 38 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/12/2014

(21) Application No.3067/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CABLE SEALING UNIT WITH MULTIPLE SEALING MODULES

(51) International classification :H02G3/22,H02G15/013
(31) Priority Document No :61/667326
(32) Priority Date :02/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/063486
Filing Date :27/06/2013
(87) International Publication No :WO 2014/005916
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**4)VAN DE WEYER Dirk Jozef G**
**5)MICHIELS Maarten**
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**7)DOULTREMONT Pieter**
**8)MAES Eddy**
**9)VAN GENECHTEN Geert**
**10)FREDERICKX Maddy Nadine**
**11)DE GROE Emilie**

(57) Abstract :
A sealing unit (28) that fits within the sealing unit opening (26) of a housing (22). The sealing unit (28) including a sealant arrangement (32) that define a plurality of cable ports (30). The sealing arrangement is also configured for providing a peripheral seal between the housing (22) and the sealing unit (28). The sealing unit (28) includes an actuation arrangement (31) for pressurizing the sealant arrangement (32) within the sealing unit opening (26). The sealant arrangement (32) includes a plurality of sealing modules (33a 33e) each sized to form only a portion of the pressure actuated sealant arrangement (32).

No. of Pages : 60 No. of Claims : 57

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/12/2014

(21) Application No.3069/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CONNECTING DEVICE FOR MEDIA LINES

(51) International classification :F16L37/098,F16L47/24
(31) Priority Document No :20 2012 102 342.3
(32) Priority Date :26/06/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/062594
Filing Date :18/06/2013
(87) International Publication No :WO 2014/001144
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)HAGEN Harald**
**2)KLEHR Adrian**

(57) Abstract :
The present invention relates to a connecting device (1) for media lines consisting of a housing part (2) which is formed in two parts from a receiving part (6) for plug connection of a media line and from a connecting part (8) for connecting the housing part (2) to a unit or an additional media line. The connecting part (8) consists of metal and is connected to the receiving part (6) which is made of plastic via a coaxial rotationally symmetrical plug connection (24) with form fitting engagement and with a peripherally closed line progression. The connecting part (8) is inserted with an insertion projection (26) into a plug receptacle (28) of the receiving part (6) wherein the insertion projection (26) reaches with a radially outward protruding catch step (30) in a form fitting manner behind a radial undercut surface (32) inside the plug receptacle (28).

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/12/2014

(21) Application No.2775/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : APPARATUS AND METHOD OF TRANSMITTING AND RECEIVING PACKET IN A BROADCASTING AND COMMUNICATION SYSTEM

(51) International classification :H04L12/761,H04L1/00
(31) Priority Document No :1020120048269
(32) Priority Date :07/05/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/003955
Filing Date :07/05/2013
(87) International Publication No :WO 2013/168964
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)MYUNG Seho**
**2)HWANG Sung Hee**
**3)YANG Hyun Koo**

(57) Abstract :
A method and apparatus of transmitting/receiving a packet in a system are provided. The method includes dividing each symbol corresponding to each row of a two dimensional array having a predetermined symbol size (T) as a width into a predetermined number (m) of regions sequentially arranging source packets to be transmitted starting from a first column of a first row of the two dimensional array setting a remaining part of a region in which last data of a source packet is allocated in a last row in which the source packet is arranged to a predetermined value arranging a next source packet starting from a starting point of a region next to the region in which the last data is allocated in the last row in which the source packet is arranged constructing a source block by arranging all of the source packets in the two dimensional array FEC encoding the source block and transmitting the FEC encoded source block.

No. of Pages : 36 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/05/2014

(21) Application No.577/KOL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A DEVICE FOR REMOVING RUST FROM CONTINUOUSLY FED FILLER WIRE USED FOR MANUFACTURE OF WATER WALL PANEL

(51) International classification :C23G1/20
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**1)RAMASAMY MAHNDRAVEL**
**2)NATARRAJAN MAMUNDI**
**3)LAKAVATH PRAVEEN KUMAR**
**4)NEERAPPAN ADAIKKAN**

(57) Abstract :
The invention relates to device for removing rust from continuously fed filler wire used for manufacture of water wall panels using Panel Formation machines, comprising a polyethylene hose (1) filled with multiple iron balls (6), a plurality of hose clips (2) and a first hexagonal nut with first and second integrated sleeves (3 and 4) to provide abrasion action in the hose (1) to remove the rust from the wire, the iron balls are arrested inside the hose by providing said hose clips (2) at a primary end for passing the wire ad a third sleeve (5) with a second hexagonal nut at a secondary end for connecting the hose with the wire feeding conduits of welding torches.

No. of Pages : 9 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/11/2014

(21) Application No.1242/KOL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : BENT BLADE SCREW GROUND ANCHOR

(51) International classification :E02D5/74 E02D5/80 E21B10/44
(31) Priority Document No :14/095,407
(32) Priority Date :03/12/2013
(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

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**3)LURKINS, JOSEPH J.**
**4)HAWKINS, KELLY S.**
**5)SEIDER, GARY L.**
**6)KIRK, WILLIAM D.**

(57) Abstract :
A ground anchor is provided for driving into the ground for anchoring or supporting a structure. The ground anchor includes a hub with a helical load bearing plate and a pointed ground engaging end having a body with a spade point blade extending axially from the body and the hub. The blade has first and second opposing spiral major faces and first and second transverse minor spiral faces that converge at a flat axial face to form the blade with a spiral configuration. The blade has a longitudinal dimension extending at an inclined angle with respect to a longitudinal center axis of the ground anchor so that the axial face of the blade is spaced outwardly from the center axis of the ground anchor. The leading edge of the spiral blade directs the soil to the leading edge of the helical plate of the ground anchor.

No. of Pages : 28 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2014

(21) Application No.2706/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : TRANSPARENT POLYURETHANES

(51) International classification :C08G18/48,C08G18/50
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2013/025793
Filing Date :12/02/2013
(87) International Publication No :WO 2014/126552
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**3)GERKIN, RICHARD**
(72)**Name of Inventor :**
**1)DERDERIAN, EDMOND**
**2)GERKIN, RICHARD**

(57) Abstract :
The present invention teaches a new process to produce novel, hard, optically clear, impact-resistant polyurethane polymers that are characterized by excellent thermo mechanical properties and chemical resistance, and the polymers made as a result of such a process. The polyurethanes are made by reacting in a one step process 1 ) a stoichiometric excess of aliphatic polyisocyanate whereby the index is between 95 to 120; 2) a primary amine-terminated polyether with an amine functionality of about 2 and a molecular weight of greater than 400; 3) a polyol having an average hydroxyl functionality greater than or equal to 2 and an average hydroxyl equivalent weight of from about 300 to about 2,000, and 4) an aromatic diamine; wherein component 3 must less be present in a ratio of less than five to one stoichiometric equivalents relative to equivalents of component 2, and 5) optionally, a cross linking agent.

No. of Pages : 16 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/12/2014

(21) Application No.2874/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : BINDING AGENTS THAT MODULATE THE HIPPO PATHWAY AND USES THEREOF

(51) International classification :A61K39/395,A61K38/00,A61P35/00
(31) Priority Document No :61/656,249
(32) Priority Date :06/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/044503
Filing Date :06/06/2013
(87) International Publication No :WO 2013/184912
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :800 Chesapeake Drive, Redwood City, CA 94063 UNITED STATES OF AMERICA.
(72)**Name of Inventor :**
**1)GURNEY, Austin, L.**
**2)CHARTIER-COURTAUD, Cecile**

(57) Abstract :
The present invention relates to agents that modulate the Hippo pathway and Hippo pathway signaling, such as antibodies, soluble receptors, polypeptides, peptides, and small molecules. The invention relates to methods of screening for and/or identifying such agents and methods of using the agents for the treatment of diseases such as cancer.

No. of Pages : 136 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/12/2014

(21) Application No.3055/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD FOR WORKING ROLLED STOCK IN A ROLLING TRAIN

(51) International classification :B21B1/18,B21B37/46
(31) Priority Document No :12175532.6
(32) Priority Date :09/07/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/062208
Filing Date :13/06/2013
(87) International Publication No :WO 2014/009093
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)WEISSHAAR Bernhard**

(57) Abstract :
LoadLoad SimLoadThe invention relates to a method for working rolled stock (6) in a rolling train (2) which comprises at least two roll stands (4) each with at least one roll (13) wherein each roll stand (4) is assigned a separate drive (8) with speed control for the at least one roll (13) in which method when at least one of the drives (8) is subjected to an actual load moment (M) to control the speed of the drives (8) a simulated load moment (M) is additionally fed to at least one control circuit (14) of one of the drives (8) in dependence on the actual load moment (M).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/12/2014

(21) Application No.3056/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : ETHYLENE COPOLYMERS FILM AND POLYMERIZATION PROCESS

(51) International classification :C08F4/6592,C08J5/18,C08F210/16
(31) Priority Document No :2780508
(32) Priority Date :21/06/2012
(33) Name of priority country :Canada
(86) International Application No :PCT/CA2013/000498
Filing Date :24/05/2013
(87) International Publication No :WO 2013/188950
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**1)KER Victoria**
**2)LAM Patrick**
**3)JIANG Yan**
**4)HOANG Peter Phung Minh**
**5)CARTER Charles Ashton Garret**
**6)MORRISON Darryl J.**

(57) Abstract :
50Ethylene copolymers having a relatively high melt flow ratio a multimodal profile in a temperature rising elution fractionation (TREF) plot a reverse comonomer distribution profile and a composition distribution breadth index CDBI of from 35 wt% to 70 wt% as determined by TREF are disclosed. The copolymers can be made into films having good dart impact values and good stiffness properties under decreased extruder pressures. Preferably the copolymers are prepared by a polymerization process involving a supported group 4 phosphinimine catalyst.

No. of Pages : 98 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2014

(21) Application No.2919/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : GLUCOSE SENSOR

(51) International classification :G01N33/487,G01N33/66
(31) Priority Document No :61/662560
(32) Priority Date :21/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/GB2013/051582
Filing Date :18/06/2013
(87) International Publication No :WO 2013/190281
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**1)CRANE Barry Colin**
**2)PATERSON William**
**3)BARWELL Nicholas Paul**
**4)EDGLEY Peter**

(57) Abstract :
A method of quantifying the amount of glucose in a sample is provided herein that may further comprise an interferent such as mannitol. At least two measurements are obtained using measurement methods that differ in their sensitivity to the amount of interferent in the sample thus enabling the results to be compared to determine whether any interferent is present in the sample. A glucose sensor for carrying out a method described herein is also provided.

No. of Pages : 56 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2014

(21) Application No.2920/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : MULTI AXIS CASTER ANGLE CONTROL SYSTEM OF AN EXTENDABLE WHEEL ASSEMBLY

| | |
|---|---|
| (51) International classification | :B60G3/02,B60G17/016 |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No<br>Filing Date | :PCT/EP2012/060502<br>:04/06/2012 |
| (87) International Publication No | :WO 2013/182222 |
| (61) Patent of Addition to Application Number<br>Filing Date | :NA<br>:NA |
| (62) Divisional to Application Number<br>Filing Date | :NA<br>:NA |

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
**1)GANO John Victor**

(57) Abstract :
Wheel assembly for vehicle comprising: a wheel (10) at least one lower suspension link (20) and one upper part (30) the wheel (10) being arranged to rotate at 360° to steer the vehicle around a pivot line (90) a projection of the pivot line (90) onto a vertical projection plane comprising a vertical axis passing through a contact point between the wheel (10) and ground (100) defining a caster angle with said vertical axis the wheel assembly comprising: caster adjustment means (35) arranged to adjust the caster angle (a) characterized in that the position of the upper part (30) is moveable relatively to the vehicle along a first degree of freedom and a second degree of freedom.

No. of Pages : 16 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2014

(21) Application No.2921/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SELF INJECTION MECHANISM FOR USE ON SKIN

(51) International classification :A61M37/00,A61M5/158
(31) Priority Document No :1020120062714
(32) Priority Date :12/06/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/000561
Filing Date :24/01/2013
(87) International Publication No :WO 2013/187572
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)CHANG Ji Young**

(57) Abstract :
The present invention relates to a self injection mechanism that causes a solution (2) having a predetermined efficacy to permeate the skin (1) for skin improvement and beauty treatment. The present invention includes: an accommodation unit (10) having a space (11) therein for accommodating the solution (2) an inlet (12) which suctions only air at one end and an outlet (15) which is open so that the solution (2) is discharged at the other end; a pumping unit (20) coupled to the outlet (15) of the accommodation unit (10) so as to be in communication with same having an airless pump (21) which discharges the solution (2) by an upward and downward movement at the center; and an injection unit (30) coupled with the airless pump (21) of the pumping unit (20) so as to be in communication with same causing the solution (2) which is discharged by the upward and downward movement to permeate the skin (1). The present invention can be formed into a stamp type simple structure in order to reduce manufacturing costs and thus can be used easily and conveniently at home at inexpensive cost. Also the solution can be injected directly and uniformly by a needle penetrating the outer skin layer and the thick skin layer of the skin so as to minimize loss of the solution while maximizing the efficacy thereof.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2014

(21) Application No.2922/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : LIQUID DISTRIBUTION DEVICE

(51) International classification :B01D3/32,B01J4/00,B67D99/00
(31) Priority Document No :1020120054191
(32) Priority Date :22/05/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/009863
Filing Date :21/11/2012
(87) International Publication No:WO 2013/176357
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)LEE Byeong Kyeom**
**2)KIM Kwang Hyun**

(57) Abstract :
The present invention is capable of precisely controlling a supply ratio of liquid and continuously supplying liquid at a constant ratio by using partition plates for controlling the amount of liquid distribution.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2014

(21) Application No.1280/KOL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : A MELT PUMP FOR BUILDING UP PRESSURE BY PRESSING A MELT OF SYNTHETIC MATERIAL THROUGH A TOOL

| | |
|---|---|
| (51) International classification | :F04D29/04 |
| (31) Priority Document No | :10 2013 021 902.7 |
| (32) Priority Date | :26/12/2013 |
| (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)HENKE PROPERTY UG (HAFTUNGSBESCHRÄNKT)**
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(72)**Name of Inventor :**
**1)HENKE MATTHIAS**

(57) Abstract :
The object of the invention is a melt pump for building up pressure for pressing a melt of synthetic material through a tool, comprising a compressor (406) with two worm conveyors (408, 408) disposed in a housing, a transmission (405) by way of which the worm conveyors (408, 408) are synchronously drivable and a drive (404), wherein the transmission (405) is disposed between the drive (404) and the compressor (406), wherein each worm conveyor (408, 408) in the transmission (405) is provided with its own output shaft (416, 416) and wherein the worm conveyor (408, 408) is connected to the corresponding output shaft (416, 416) by way of a coupling (414, 414). Creating a melt pump in which the worm gap between the two worm conveyors is easily adjustable at will is achieved by the fact that the coupling (414, 414) comprises an output gear (418, 418) provided on the output shaft (416, 416), a drive gear (419, 419) provided on the worm conveyor (408, 408; 508, 508) and a coupling sleeve (421, 421) gripping the output gear (418, 418) and the drive gear (419, 419) and that the drive gear (419, 419) and the output gear (418, 418) have a different number of teeth.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/12/2014

(21) Application No.2795/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : TREATMENT OF AMD USING AAV SFLT-1

(51) International classification :A61K48/00,C12N15/00
(31) Priority Document No :61/670,535
(32) Priority Date : -
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/040011
Filing Date :07/05/2013
(87) International Publication No :WO 2013/173129
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**3)LAI, CHOOI-MAY**
**4)CHALBERG, THOMAS, W., JR.**

(57) Abstract :
The present disclosure provides compositions and methods for the prevention or treatment of ocular neovascularization, such as AMD, in a human subject, by administering subretinally a pharmaceutical composition comprising a pharmaceutically effective amount of a vector comprising a nucleic acid encoding soluble Fms-related tyrosine kinase- 1 (sFlt-1) protein to the human subject.

No. of Pages : 176 No. of Claims : 199

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/12/2014
(21) Application No.2960/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : TREATMENT OF MOTOR AND MOVEMENT DISORDER SIDE EFFECTS ASSOCIATED WITH PARKINSON S DISEASE TREATMENTS

(51) International classification :A61K31/496,A61K31/198
(31) Priority Document No :61/658401
(32) Priority Date :11/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/044509
Filing Date :06/06/2013
(87) International Publication No :WO 2013/188210
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)PSYCHOGENICS INC.**
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(72)**Name of Inventor :**
**1)LEAHY Emer**
**2)SHANKAR Bavani**

(57) Abstract :
This invention provides methods of treating motor disorder side effects associated with the administration of levodopa to a subject having Parkinson s disease by administering a dose of eltoprazine or a pharmaceutically acceptable acid addition salt thereof. In particular the invention provides methods for reducing dyskinesia associated with Parkinson s disease treatments and effective doses of eltoprazine or a pharmaceutically acceptable acid addition salt thereof.

No. of Pages : 36 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/12/2014

(21) Application No.2962/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : LAYER SYSTEM FOR THIN-FILM SOLAR CELLS

(51) International classification :H01L21/36,H01L21/02,H01L31/032
(31) Priority Document No :12172700.2
(32) Priority Date :20/06/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/062726
Filing Date :19/06/2013
(87) International Publication No :WO 2013/189976
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**1)PALM, Jörg**
**2)POHLNER, Stephan**
**3)HAPP, Thomas**
**4)DALIBOR, Thomas**
**5)DIETMÜLLER, Roland**

(57) Abstract :
The invention relates to a layer system (1) for thin-film solar cells (100) and solar panels, said system comprising an absorber layer (4) containing a chalcogenide semiconductor and a buffer layer (5) which is arranged on the absorber layer (4) and contains halogen-enriched ZnxIn1-xSy where $0.01 \leq x \leq 0.9$ and $1 \leq y \leq 2$. The buffer layer (5) consists of a first layer region (5.1) adjoining the absorber layer (4) and containing a halogen mole fraction Ai and a second layer region (5.1) adjoining the first layer region (5.2) and containing a halogen mole fraction A2. The ratio of A1/A2 is $\geq 2$ and the layer thickness (d1) of the first layer region (5.1) $\leq 50\%$ of the layer thickness (d) of the buffer layer (5).

No. of Pages : 45 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/12/2014

(21) Application No.3059/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : SEPARATOR ARRANGEMENT

(51) International classification :B04B1/08,B04B7/02,B04B11/06
(31) Priority Document No :10 2012 106 648.5
(32) Priority Date :23/07/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/064642
Filing Date :11/07/2013
(87) International Publication No :WO 2014/016125
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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**1)QUITER Kathrin**
**2)MACKEL Wilfried**

(57) Abstract :
Separator arrangement having a separator with a rotatable drum (2) which has a vertical axis of rotation and a supply tube (6) projecting into a distributor space (23) of a distributor (7) and with a non rotatable enclosure (3) surrounding the drum (2) wherein an enclosure interior (4) which is sealed in relation to the exterior region of the enclosure (3) is formed between the enclosure (3) and the drum (2) and wherein the drum (2) in an inlet region is non hermetically sealed in relation to the enclosure interior (4) wherein the separator itself has a device (24) for reducing the pressure in the enclosure interior (4) as a result of rotations of the drum (2) in the manner of a jet pump.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2014
(21) Application No.585/KOL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : J-TURCOM (JET PRINCIPLE, COMBINED TURBINE COMPRESSOR)

| | |
|---|---|
| (51) International classification | :F03D 3/00 |
| (31) Priority Document No | :NA |
| (32) Priority Date | :NA |
| (33) Name of priority country | :NA |
| (86) International Application No | :NA |
| Filing Date | :NA |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number | :NA |
| Filing Date | :NA |
| (62) Divisional to Application Number | :NA |
| Filing Date | :NA |

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(72)**Name of Inventor :**
**1)SAIKAT BANERJEE**

(57) Abstract :
The Invention relates to a type of COOLING SYSTEM which generates faser and more effective cooling and also generates usable and effective rotary power in the process, thereby consuming lesser energy used for cooling.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/05/2014

(21) Application No.586/KOL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CLAMPING DEVICE FOR SURFACE GRINDING OF PISTON RING OF IP CONTROL VALVE OF STEAM TURBINE GOVERNING SYSTEM.

(51) International classification :B24B41/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)RAVIKANT SAINI**
**3)SWAPAN SARKAR**
**4)DILIP KUMAR**
**5)RAJINDER PAL SINGH**

(57) Abstract :
A clamping device for surface grinding of piston rings of IP control valve of steam turbine governing system comprising: -a base plate (01) having plurality of threaded holes, a counter boring holes as well as slots; -plurality of taper bushes (02); -plurality of taper wedges (03); -plurality of clamps (05); -alien bolts (4) and screws (06) for tightening the taper bushes; - wedges and clamps in the base plate (01); Characterized in that the piston rings (7) having inner and outer diameter (D2, D1) placed over the base plate (01) for grinding, the clamps (5) for initially holding the piston ring when tightened by the alien bolt (4) and screw (6) and subsequently for clamping by a mechanism in which the taper bushes (2) and taper wedges (3) are placed in the counter bore holes (H4) across the slot (W1) and tightened by alien bolts (4) where the downward movement of the taper bushes (02) displaces the taper wedges (3) laterally for gripping the piston rings firmly from the inner diameter (D2) and outer diameter (D1) after which the piston ring is unclamped from clam (5).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/12/2014

(21) Application No.2845/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : UNDERWATER ANTENNA APPARATUS COMPRISING A NON STATIONARY ANTENNA AND UNDERWATER VESSEL

(51) International classification :H01Q1/04,H01Q1/10,H01Q1/30
(31) Priority Document No :10 2012 011 987.9
(32) Priority Date :16/06/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2013/100032
Filing Date :30/01/2013
(87) International Publication No:WO 2013/185749
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)HUCKFELDT Sönke**
**2)SLOTTA Norbert**

(57) Abstract :
The invention relates to an underwater antenna apparatus comprising a non stationary antenna an extension device and a return positioning device wherein an extension force in an extension force direction can be impressed by the extension device of the antenna and a counterforce acting in opposition to the extension force in a counterforce direction can be impressed by the return positioning device of the antenna characterized in that the return positioning device or part of the return positioning device is configured so as to be non stationary in a defined manner with the result that by changing the location in a defined manner the antenna can be positioned in a retracted position an extended position or an intermediate position.

No. of Pages : 56 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/12/2014

(21) Application No.2846/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : CLOSING DEVICE FOR A PRESSURE ACCUMULATOR TORPEDO WITH A PRESSURE ACCUMULATOR AND SAID CLOSING DEVICE FOR THE PRESSURE ACCUMULATOR AND USE OF SAID CLOSING DEVICE FOR THE CLOSURE OF A PRESSURE ACCUMULATOR OF A TORPEDO

(51) International classification :F42B19/00,H01M6/38
(31) Priority Document No :10 2012 011 988.7
(32) Priority Date :16/06/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2013/100192
Filing Date :28/05/2013
(87) International Publication No :WO 2013/185752
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)SLOTTA Norbert**
**2)STREITER Bernd**

(57) Abstract :
The invention relates to a closing device for a pressure accumulator. The invention also relates to a torpedo comprising a pressure accumulator with such a closing device and the use of such a closing device for the pressure accumulator of a torpedo. The closing device (1) has an inlet side (3) and an outlet side (4) and a closing element which fluidically controls a connection between the inlet side (3) and the outlet side (4). The closing device (1) further comprises an actuation element (11) that acts upon the closing element. In order to guarantee the predetermined working pressure in the pressure accumulator even after a storage period of several years the closing element is a closing membrane (5) and the actuation element (11) is a movably mounted pin (12) in the trajectory of which the closing membrane (5) lies.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2014

(21) Application No.2762/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : COMMUNICATION METHOD AND APPARATUS USING BEAMFORMING IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04B7/04,H04L1/06
(31) Priority Document No :1020120067197
(32) Priority Date :22/06/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/005540
Filing Date :24/06/2013
(87) International Publication No :WO 2013/191517
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A communication method and an apparatus using beamforming in a wireless communication system are provided. The communication method includes determining a candidate user set including one or more Mobile Stations (MSs) for Multiple User Multiple Input Multiple Output (MU MIMO) transmission transmitting beam information indicating best Base Station (BS) transmission beams of the MSs of the candidate user set to the MSs of the candidate user set receiving Precoding Matrix Index (PMI) information indicating a PMI to be used for baseband precoding from each of the MSs of the candidate user set the PMI information being determined based on the beam information and transmitting a signal precoded based on the PMI information to at least one MS.

No. of Pages : 32 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2014

(21) Application No.2763/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : WORKING CYLINDER FOR A DRIVE OF AN ELECTRIC CIRCUIT BREAKER

(51) International classification :H01H33/34
(31) Priority Document No :102012011130.4
(32) Priority Date :05/06/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/001615
Filing Date :03/06/2013
(87) International Publication No :WO 2013/182291
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
**1)KNOSPE Jörg**

(57) Abstract :
The invention relates to a working cylinder (1) for a drive of an electric circuit breaker comprising a base (2) characterized in that the base (2) is fabricated from a first component namely a cylinder head (3) and a second component namely a cylinder body (4) which are connected to one another.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/12/2014

(21) Application No.2764/KOLNP/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING MULTI MEDIA SERVICES

(51) International classification :H04N21/235,H04N21/234
(31) Priority Document No :61/641410
(32) Priority Date :02/05/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2013/003808
Filing Date :02/05/2013
(87) International Publication No :WO 2013/165187
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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**2)KIM Yong Han**
**3)PARK Kyung Mo**
**4)RHYU Sung Ryeul**
**5)SONG Jae Yeon**

(57) Abstract :
The present invention discloses a server for transmitting and receiving messages for a signaling (S) layer in MMT (Moving Picture Experts Group Media Transport) which includes a first sub layer of the S layer for producing first messages to provide information necessary for the use of MPEG a second sub layer of the S layer for producing second messages to provide information used for delivering MPEG media and a delivery (D) layer for making external and internal deliveries of the first and the second messages wherein each of the first and the second messages includes at least one field corresponding to each of the message type version length extension field and payload.

No. of Pages : 80 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/05/2014

(21) Application No.581/KOL/2014 A
(43) Publication Date : 04/12/2015

(54) Title of the invention : 'PUSH TYPE BLOCK SEEDLING RAISING DEVICE'

(51) International classification :A01C11/02
(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

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(72)**Name of Inventor :**
**1)PANKAJ BARUA**
**2)LAKHAN SARKAR**

(57) Abstract :
A push type block seedling raising device ( 100) comprise of plurality of tapered hollow cuboids shaped cells (101) as upper section, plates with drainage holes ( 207, 208 ), hinge ( 409 ), stem (104) common base (103) as lower section and side bars (102) to fix the upper section in the upper most position so that the hollow bottom of each cell (101) is occupied by the plate ( 207).

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

# AMENDMENT UNDER SEC. 57(KOLKATA)

**(1)**

An application for change in the name of the Patentee from CODING TECHNOLOGIES AB to DOLBY SWEDEN AB and from DOLBY SWEDEN AB to DOLBY INTERNATIONAL AB in respect of Patent No. **224775 (435/KOLNP/2005)** was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

**(2)**

An application for change in the name of the Patentee from CODING TECHNOLOGIES AB to DOLBY SWEDEN AB and from DOLBY SWEDEN AB to DOLBY INTERNATIONAL AB in respect of Patent No. **242206 (2162/KOLNP/2005)** was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

**(3)**

An application for change in the name of the Patentee from CODING TECHNOLOGIES AB to DOLBY SWEDEN AB and from DOLBY SWEDEN AB to DOLBY INTERNATIONAL AB in respect of Patent No. **230121 (721/KOLNP/2004)** was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

**(4)**

An application for change of address of the Patentee from BLUMENBERGER STRASSE 143-145, D-41061, MONCHENGLADBACH to Leverkuser Strasse 65, D-42897 Remscheid, Germany in respect of Patent No. **211061 (473/CAL/2001)** was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

**(5)**

An application for change of address of the Patentee from POSTFACH 100435, D-41004 MONCHENGLADBACH to Leverkuser Strasse 65, D-42897 Remscheid, Germany in respect of Patent No. **201373 (219/CAL/1999)** was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

**(6)**

An application for change of address of the Patentee from POSTFACH 100435, D-41004 MONCHENGLADBACH to Leverkuser Strasse 65, D-42897 Remscheid, Germany in respect of Patent No. **194183 (1492/CAL/1997)** was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

**(7)**

An application for change of address of the Patentee from POSTFACH 100435, D-41004, MONCHENGLADBACH, to Leverkuser Strasse 65, D-42897 Remscheid, Germany in respect of Patent No. **208949 (496/CAL/1999**) was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

# PUBLICATION U/R 84[3] IN RESPECT OF APPLICATION FOR RESTORATIONOF PATENTS (KOLKATA)

**Notice is hereby given that any person interested in opposing the following applications for Restoration of Patents under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form 14 under rule 85 of the Patents Rules, 2003.**

| Patent No. | Applicants | Title | Date of Cessation | Appropriate Office |
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| 192463 | 1.DR. SHEO SHANKAR ; 2.DR. SAUMAY PRIYA BASU; 3.DR. DINKAR SASIMAL 4.DR.(MRS.) MALAYA GUPTA | A PROCESS FOR OBTAINING EDIBLE OIL FROM NATIVE KARANJ OIL | 24/07/2014 | Kolkata |

# Publication Under Section 43(2) in Respect of the Grant

**Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.**

| Serial Number | Patent Number | Application Number | Date of Application | Date of Priority | Title of Invention | Name of Patentee | Date of Publication of Abstract u/s 11(A) | Appropriate Office |
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**Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.**

| Serial Number | Patent Number | Application Number | Date of Application | Date of Priority | Title of Invention | Name of Patentee | Date of Publication of Abstract u/s 11(A) | Appropriate Office |
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| 2 | 270072 | 1847/MUM/2007 | 21/09/2007 15:13:14 | | A METHOD AND AN OPTOMECHANICAL SCANNER FOR THREE DIMENSIONAL FOCUSED LASER BEAM SPOT SCANNING IN MICROSTEREOLITHOGRAPHY | INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY | 22/01/2010 | MUMBAI |
| 3 | 270102 | 2533/MUM/2008 | 09/07/2002 | 25/07/2001 | HYDROXYALKYLPYRAZOLYLCARBOXANILIDES OF THE FORMULA(IV) | BAYER AKTIENGESELLSCHAFT | 13/08/2010 | MUMBAI |
| 4 | 270110 | 1132/MUMNP/2010 | 11/11/2008 | 07/12/2007 | POROUS POLYTETRAFLUOROETHYLENE MEMBRANE, METHOD FOR PRODUCING THE SAME, AND WATER-PROOF AIR PERMEABLE FILTER • | NITTO DENKO CORPORATION | 24/09/2010 | MUMBAI |
| 5 | 270115 | 1485/MUMNP/2007 | 28/02/2006 | 03/03/2005 | DSL STATE AND LINE PROFILE CONTROL | ADAPTIVE SPECTRUM AND SIGNAL ALIGNMENT, INC. | 02/11/2007 | MUMBAI |
| 6 | 270119 | 1784/MUMNP/2008 | 02/03/2007 | 02/03/2006 | METHOD AND APPARATUS FOR CODE SPACE SEARCH IN A RECEIVER | QUALCOMM INCORPORATED | 12/12/2008 | MUMBAI |
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| 9 | 270131 | 636/MUMNP/2008 | 29/09/2006 | 30/09/2005 | HANDOFFS IN A WIRELESS LOCAL AREA NETWORK | QUALCOMM INCORPORATED | 05/09/2008 | MUMBAI |
| 10 | 270132 | 644/MUM/2007 | 30/03/2007 | | KEY FOR LOCKING THE CONTACTORS IN ON CONDITION | LARSEN & TOUBRO LIMITED | 12/06/2009 | MUMBAI |
| 11 | 270133 | 872/MUMNP/2008 | 03/10/2006 | 04/10/2005 | DSL SYSTEM | ADAPTIVE SPECTRUM AND SIGNAL ALIGNMENT INCORPORATED | 05/09/2008 | MUMBAI |
| 12 | 270137 | 2593/MUM/2007 | 27/12/2007 16:29:23 | | INTEGRATED CONTACT INDICATION AND LABEL HOLDER SYSTEM | LARSEN & TOUBRO LIMITED | 03/07/2009 | MUMBAI |
| 13 | 270144 | 1834/MUMNP/2008 | 22/02/2007 | 23/02/2006 | APPARATUS AND METHOD FOR DISTRIBUTING CONTENT | QUALCOMM INCORPORATED | 10/10/2008 | MUMBAI |
| 14 | 270146 | 1958/MUMNP/2007 | 28/02/2006 | 09/05/2005 | COMMUNICATION SYSTEMS AND METHODS IMPLEMENTING PHANTOM MODE DATA SIGNALS VIA FIRST AND SECOND DSL LOOPS | ADAPTIVE SPECTRUM AND SIGNAL ALIGNMENT, INC. | 25/01/2008 | MUMBAI |
| 15 | 270158 | 247/MUMNP/2004 | 06/01/1999 | 25/03/1998 | METHOD TO PROCESS A SET OF INPUT AUDIO SIGNALS | DOLBY LABORATORIES LICENSING CORPORATION | 02/12/2005 | MUMBAI |
| 16 | 270175 | 1775/MUMNP/2007 | 04/04/2005 | 04/04/2005 | ANSWER MODES IN PUSH -TO -TALK MOBILE COMMUNICATION SERVICES | TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), | 07/12/2007 | MUMBAI |
| 17 | 270181 | 1005/MUMNP/2008 | 28/11/2006 | 30/11/2005 | METHOD OF PROCESSING AUTHORIZATION MESSAGES BY A MOBILE RECEIVER LINKED TO A MANAGEMENT CENTRE AND A METHOD OF TRANSMITTING SUCH MESSAGES TO A PLURALITY OF DESTINED MOBILE RECEIVERS | NAGRA FRANCE SAS | 11/07/2008 | MUMBAI |

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| 18 | 270191 | 1533/MUMNP/2009 | 22/02/2008 | 28/02/2007 | FABRIC TREATMENT COMPOSITIONS,THEIR MANUFACTURE AND USE | HINDUSTAN UNILEVER LIMITED | 23/04/2010 | MUMBAI |
| 19 | 270206 | 557/MUMNP/2010 | 08/09/2008 | 28/09/2007 | HAIR TREATMENT COMPOSITIONS | HINDUSTAN UNILEVER LIMITED | 13/08/2010 | MUMBAI |
| 20 | 270207 | 455/MUMNP/2009 | 06/07/2007 | 29/09/2006 | MULTILAYERED TWO-DIMENSIONAL OR TUBULAR FOOD CASING OR FILM | KUHNE ANLAGENBAU GMBH | 22/05/2009 | MUMBAI |
| 21 | 270208 | 205/MUM/2010 | 25/01/2010 17:03:12 | | A LEAD-BARIUM-STRONTIUM-TITANATE COMPOUND [PB1-X-BA0.5X-SR0.5X-TIO3] AND A METHOD OF FABRICATING THE SAME. | BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY,AURANGABAD | 07/06/2013 | MUMBAI |
| 22 | 270209 | 931/MUMNP/2007 | 28/12/2005 | 05/01/2005 | DIFFERENTIAL ORTHOGONAL MODULATION METHOD AND APPARATUS USING REPETITION TIME INTERVAL DIFFERENCE OF CHIRP SIGNAL | ORTHOTRON CO.LTD. | 12/10/2007 | MUMBAI |
| 23 | 270212 | 1472/MUMNP/2010 | 07/01/2009 | 30/01/2008 | METHOD FOR PREPARING LINEAR ALPHA-OLEFINS • | SAUDI BASIC INDUSTRIES CORPORATION,LINDE AG | 19/11/2010 | MUMBAI |
| 24 | 270228 | 958/MUMNP/2008 | 08/11/2006 | 08/11/2005 | VACCINE COMPOSITION FOR MUCOSAL OR PARENTERAL ADMINISTRATION | HELMHOLTZ-ZENTRUM FR INFEKTIONSFORSCHUNG GMBH | 18/07/2008 | MUMBAI |
| 25 | 270232 | 2372/MUMNP/2011 | 03/06/2010 | 05/06/2009 | MODULE CASE AND HOLLOW FIBER MEMBRANE MODULE USING THE SAME | KOLON INDUSTRIES, INC. | 19/10/2012 | MUMBAI |

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| 2 | 270079 | 2662/CHENP/2008 | 28/11/2006 | 28/11/2005 | NON-AQUEOUS QUINACRIDONE DISPERSIONS USING DISPERSION SYNERGISTS | AGFA GRAPHICS NV | 06/03/2009 | CHENNAI |
| 3 | 270080 | 848/CHE/2009 | 13/04/2009 | 14/04/2008 | LUBRICATING LIQUID SEPARATOR | KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.) | 23/10/2009 | CHENNAI |
| 4 | 270081 | 6641/CHENP/2009 | 23/01/2008 | 28/04/2007 | SYSTEM AND METHOD FOR IMPLEMENTING NETWORK RESERVATION STORAGE AND RESERVATION SERVER | TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED | 05/03/2010 | CHENNAI |
| 5 | 270083 | 2151/CHENP/2008 | 25/09/2006 | 06/02/2006 | PROCESS FOR PRODUCING ETHYLENEAMINES | BASF SE | 06/03/2009 | CHENNAI |
| 6 | 270084 | 4268/CHENP/2009 | 31/01/2008 | 31/01/2007 | FRAME PROTOCOLS AND SIGNALING FOR USE IN HIGH SPEED TRANSMISSION | Nokia Corporation | 11/06/2010 | CHENNAI |
| 7 | 270107 | 2244/CHENP/2009 | 24/10/2007 | 26/10/2006 | THERMOPLASTIC RESIN COMPOSITION EXCELLENT IN BARRIER PROPERTY | MITSUBISHI GAS CHEMICAL COMPANY, INC. | 02/04/2010 | CHENNAI |
| 8 | 270127 | 6087/CHENP/2007 | 26/06/2006 | 30/06/2005 | VALVE DEVICE | KONINKLIJKE PHILIPS ELECTRONICS N.V. | 27/06/2008 | CHENNAI |
| 9 | 270136 | 4024/CHENP/2008 | 24/01/2007 | 01/02/2006 | ROTOMOLDING PROCESS USING SECONDARY STERICALLY HINDERED AMINES AS ADDITIVES | BASF SE | 13/03/2009 | CHENNAI |
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| 12 | 270171 | 4179/CHENP/2008 | 22/12/2006 | 10/01/2006 | APPARATUS FOR PRODUCING SYNTHESIS GAS | CASALE CHEMICALS S.A. | 13/03/2009 | CHENNAI |
| 13 | 270176 | 5274/CHENP/2007 | 19/05/2006 | 20/05/2005 | A MECHANICAL LOCKING SYSTEM FOR FLOOR PANELS PROVIDED WITH SLIDING LOCK, AN INSTALLATION METHOD AND A PRODUCTION METHOD THEREFORE | VALINGE INNOVATION AB | 25/01/2008 | CHENNAI |
| 14 | 270178 | 5792/CHENP/2007 | 15/06/2006 | 16/06/2005 | A METHOD FOR MAKING A SEAMLESS HOLLOW BODY FROM A SOLID ROUND BLOCK MADE OF STEEL | V & M Deutschland GmbH | 13/06/2008 | CHENNAI |
| 15 | 270179 | 2069/CHENP/2010 | 17/10/2008 | 19/10/2007 | POLYAMIDE COMPOSITION FILLED WITH FIBERS | RHODIA OPERATIONS | 17/09/2010 | CHENNAI |
| 16 | 270180 | 5362/CHENP/2009 | 28/11/2007 | 15/02/2007 | LID OPENING OPERATION DEVICE | KABUSHIKI KAISHA HONDA LOCK | 27/11/2009 | CHENNAI |
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| Serial Number | Patent Number | Application Number | Date of Application | Date of Priority | Title of Invention | Name of Patentee | Date of Publication of Abstract u/s 11(A) | Appropriate Office |
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| 2 | 270085 | 3322/KOLNP/2008 | 18/01/2007 | 20/01/2006 | WAVEFRONT ABERRATION AND DISTANCE MEASUREMENT PHASE CAMERA | UNIVERSIDAD DE LA LAGUNA | 13/02/2009 | KOLKATA |
| 3 | 270088 | 4415/KOLNP/2007 | 12/05/2006 | 17/05/2005 | AUXILIARY SUPPORT CASE FOR AT LEAST ONE PIECE OF ELECTRICAL EQUIPMENT | BTICINO S.P.A. | 04/04/2008 | KOLKATA |
| 4 | 270089 | 1820/KOL/2008 | 24/10/2008 16:00:53 | 27/10/2007 | METHOD AND SYSTEM FOR MONITORING PROCESSOR INTEGRITIY IN A DISTRUBUTED CONTROL MODULE SYSTEM FOR A POWERTRAIN SYSTEM | GM GLOBAL TECHNOLOGY OPERATIONS, INC. | 08/05/2009 | KOLKATA |
| 5 | 270090 | 3741/KOLNP/2008 | 29/03/2007 | 31/03/2006 | MANAGING COMMUNICATIONS BETWEEN COMPUTING NODES | AMAZON TECHNOLOGIES, INC. | 20/02/2009 | KOLKATA |
| 6 | 270092 | 3119/KOLNP/2008 | 19/01/2007 | 19/01/2006 | METHOD FOR TRANSMITTING AND RECEIVING TRAFFIC INFORMATION AND APPARATUS THEREOF | LG ELECTRONICS INC. | 06/02/2009 | KOLKATA |
| 7 | 270098 | 4057/KOLNP/2008 | 04/04/2007 | 04/04/2006 | PYRROLO- AND THIAZOLO-PYRIDINE COMPOUNDS AS HIF MODULATORS | FIBROGEN, INC. | 27/02/2009 | KOLKATA |
| 8 | 270108 | 3207/KOLNP/2006 | 27/04/2005 | 05/05/2004 | A SUBSTRATE WITH A THIN FILM MULTILAYER AND A GLAZING UNIT | SAINT- GOBAIN GLASS FRANCE | 08/06/2007 | KOLKATA |
| 9 | 270109 | 4292/KOLNP/2008 | 02/05/2007 | 08/05/2006 | PLUG CONNECTOR | MULTI-HOLDING AG | 06/03/2009 | KOLKATA |
| 10 | 270111 | 1627/KOL/2008 | 23/09/2008 16:07:35 | 28/09/2007 | SYSTEMS AND METHODS OF DISCRIMINATING CONTROL SOLUTION FROM A PHYSIOLOGICAL SAMPLE | LIFESCAN, INC. | 05/06/2009 | KOLKATA |

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| 12 | 270113 | 24/KOLNP/2008 | 07/07/2006 | 07/07/2005 | PATENT FORAMEN OVALE CLOSURE DEVICE WITH STEERABLE DELIVERY SYSTEM | CORDIS CORPORATION | 05/12/2008 | KOLKATA |
| 13 | 270114 | 3912/KOLNP/2008 | 20/04/2007 | 21/04/2006 | DEVICE FOR MEASURING MAGNETIC PARTICLES AND CORRESPONDING METHOD | MAGNASENSE OY | 27/02/2009 | KOLKATA |
| 14 | 270116 | 2663/KOLNP/2008 | 15/12/2006 | 15/12/2005 | BREATHING ASSISTANCE APPARATUS | FISHER & PAYKEL HEALTHCARE LIMITED | 30/01/2009 | KOLKATA |
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| 16 | 270140 | 1900/KOLNP/2009 | 30/11/2007 | 30/11/2006 | OXIDATION RESISTANT INDICATOR MOLECULES | SENSORS FOR MEDICINE AND SCIENCE, INC. | 12/06/2009 | KOLKATA |
| 17 | 270142 | 1566/KOLNP/2007 | 02/11/2005 | 03/11/2004 | FIBER OPTIC MODULE AND SYSTEM INCLUDING REAR CONNECTORS | ADC TELECOMMUNICATIONS, INC | 27/07/2007 | KOLKATA |
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| 19 | 270154 | 1963/KOL/2008 | 05/11/2008 16:16:57 | 05/12/2007 | CONTROL SYSTEM FOR ELECTRONIC RANGE SELECTION IN A DUAL CLUTCH TRANSMISSION | GM GLOBAL TECHNOLOGY OPERATIONS, INC. | 19/06/2009 | KOLKATA |
| 20 | 270156 | 1743/KOLNP/2007 | 01/11/2005 | 03/11/2004 | GLYCEMIC STABILIZING COMPOUNDS AND METHODS OF IDENTIFYING THE SAME | ARENA PHARMACEUTICALS, INC. | 31/08/2007 | KOLKATA |
| 21 | 270157 | 1774/KOL/2008 | 20/10/2008 15:53:51 | | NANOTUBE ASSEMBLY, BIPOLAR PLATE AND PROCESS OF MAKING THE SAME | GM GLOBAL TECHNOLOGY OPERATIONS, INC. | 23/04/2010 | KOLKATA |
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| 23 | 270163 | 3850/KOLNP/2007 | 23/03/2006 | 23/03/2005 | SYSTEM FOR MONITORING THE GEOMETRY OF A RADIATION TREATMENT APPARATUS, TRACKABLE ASSEMBLY, PROGRAM PRODUCT, AND RELATED METHODS | NOMOS CORPORATION | 30/05/2008 | KOLKATA |
| 24 | 270164 | 1710/KOL/2007 | 19/12/2007 16:25:50 | 22/01/2007 | SYSTEM AND METHOD FOR JOINING NON-TRANSPARENT PARTS BY MEANS OF A RADIATION CURABLE ADHESIVE | EROWA AG | 15/08/2008 | KOLKATA |

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| 37 | 270204 | 384/KOL/2008 | 29/02/2008 | | FOLDABLE NON BREAKABLE SOLAR CHARGER | BHARAT HEAVY ELECTRICALS LIMITED | 04/09/2009 | KOLKATA |

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| 55 | 270238 | 1368/KOL/2007 | 04/10/2007 | 18/10/2006 | FAST LATTICE VECTOR QUANTIZATION | POLYCOM, INC. | 16/05/2008 | KOLKATA |
| 56 | 270239 | 510/KOL/2007 | 29/03/2007 | 31/03/2006 | SYSTEM, METHOD AND APPARATUS FOR EXTENDING WIRELESS PERSONAL AREA NETWORKS USING CONFERENCING CONNECTION | POLYCOM, INC. | 02/11/2007 | KOLKATA |
| 57 | 270240 | 4532/KOLNP/2009 | 08/09/2008 | 20/10/2007 | METHOD AND APPARATUS FOR RESPONDING TO A SCANNING REQUEST | HUAWEI TECHNOLOGIES CO., LTD. | 23/04/2010 | KOLKATA |
| 58 | 270241 | 4238/KOLNP/2009 | 05/06/2008 | 08/06/2007 | CONTROL AND DATA SIGNALING IN SC-FDMA COMMUNICATION SYSTEMS | SAMSUNG ELECTRONICS CO. LTD. | 02/07/2010 | KOLKATA |
| 59 | 270242 | 3154/KOLNP/2007 | 01/02/2005 | 01/02/2005 | AUTOMATIC QUALITY OF SERVICE CLASS MANAGEMENT | TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) | 28/12/2007 | KOLKATA |
| 60 | 270243 | 4739/KOLNP/2008 | 04/09/2006 | 02/06/2006 | BINAURAL MULTI-CHANNEL DECODER IN THE CONTEXT OF NON-ENERGY-CONSERVING UPMIX RULES | DOLBY SWEDEN AB,DOLBY INTERNATIONAL AB | 13/03/2009 | KOLKATA |
| 61 | 270244 | 3294/KOLNP/2009 | 24/03/2008 | 28/03/2007 | A LUBRICATING OIL FOR INTERNAL COMBUSTION ENGINE | IDEMITSU KOSAN CO., LTD. | 11/12/2009 | KOLKATA |
| 62 | 270245 | 2724/KOLNP/2009 | 20/02/2008 | 22/02/2007 | CATALYST FOR ELECTROCHEMICAL REDUCTION OF OXYGEN | INDUSTRIE DE NORA S.P.A. | 04/09/2009 | KOLKATA |
| 63 | 270246 | 1296/KOLNP/2008 | 29/08/2006 | 13/10/2005 | MENTHYL LACTATE PROCESS | MILLENNIUM SPECIALTY CHEMICALS, INC. | 02/01/2009 | KOLKATA |
| 64 | 270248 | 357/KOLNP/2009 | 09/07/2007 | 31/07/2006 | CONNECTING PIECE FOR FITTING TO A FUSE HOUSING | SIEMENS AKTIENGESELLSCHAFT | 08/05/2009 | KOLKATA |

***CONTINUED TO PART- 2***

*CONTINUED FROM PART- 1*

# INTRODUCTION

In view of the recent amendment made in the Designs (Amendment) Rules, 2008 with effect from 17/06/2008, Publication of the matter relating to Designs is being published in the Official Journal of The Patent Office. This Journal is being published on weekly basis on every Friday covering the various proceedings on Designs as required according to the provisions of under Rule 22, 25, 27 and 39 of the Design (Amendment) Rules, 2008. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

# CANCELLATION PROCEEDINGS
# under Section 19 (1) of the Designs Act, 2000 &
# Designs (Amendment) Rules, 2008

**(1)**

"**M/s. Vijay Solvex Limited**, Bhagvati Sadan, Swami Dayanand Marg, Alwar, Rajasthan-301001 has filed a petition on 02/11/2015 **(Petition No. Can/053/2015)** for cancellation of registration of registered Design No. **226704** dated 06/01/2010 under Class 09-01 titled as "Preform" in the name of **Pramit Sanghavi and Dewang Sanghavi, trading as V2 Corp.**, a partnership firm, Indian, Manufacturers and Merchants, whose address is WZ-8/1, Industrial Area, Kirti Nagar, New Delhi-110015, India."

**(2)**

"**M/s. Vijay Solvex Limited**, Bhagvati Sadan, Swami Dayanand Marg, Alwar, Rajasthan-301001 has filed a petition on 02/11/2015 **(Petition No. Can/054/2015)** for cancellation of registration of registered Design No. **229555** dated 28/5/2010 under Class 09-07 titled as "Cap of Bottle" in the name of **Pramit Sanghavi and Dewang Sanghavi, trading as V2 Corp.,** a partnership firm, Indian, Manufacturers and Merchants, whose address is WZ-8/1, Industrial Area, Kirti Nagar, New Delhi-110 015, India."
\

**(3)**

"**M/s. Deepak Vegpro Pvt. Ltd.** Old Industrial Area, Itarana Road, Alwar - 301001 has filed a petition on 02/11/2015 **(Petition No. Can/055/2015)** for cancellation of registration of registered Design No. **226704** dated 06/01/2010 under Class 09-01 titled as "Preform" in the name of **Pramit Sanghavi and Dewang Sanghavi, trading as V2 Corp.,** a partnership firm, Indian, Manufacturers and Merchants, whose address is WZ-8/1, Industrial Area, Kirti Nagar, New Delhi-110015, India."

**(4)**

"**M/s. Deepak Vegpro Pvt. Ltd.** Old Industrial Area, Itarana Road, Alwar-301001 has filed a petition on 02/11/2015 **(Petition No. Can/056/2015)** for cancellation of registration of registered Design No. **229555** dated 28/5/2010 under Class 09-07 titled as "Cap of Bottle" in the name of **Pramit Sanghavi and Dewang Sanghavi, trading as V2 Corp.,** a partnership firm, Indian, Manufacturers and Merchants, whose address is WZ-8/1, Industrial Area, Kirti Nagar, New Delhi-110 015, India."

**(5)**

"**M/s. Attur Steels Private Limited**, a company incorporated under the Companies Act, 1956) represented by its Director Mr. C. Raju, having registered office at SY. No.97/P 30, Sabmangala Gate, Kempegowda Nagar, Samandur Post, Anekal Taluka, Bangalore – 562106, Karnataka, India has filed a petition on 29/10/2015 **(Petition No. Can/051/2015)** for cancellation of registration of registered Design No. **254929** dated 2nd July 2013 under Class 25-01 titled as "Rod" in the name of **SK Steeltech,** a sole proprietary concern, represented by its proprietorix K. Nirmala Rani, an Indian national, having office at No.162/A, 2nd Main Road, Industrial Town, Rajajinagar, Bangalore – 560044, Karnataka, India."

**(6)**

"**Abhishri Packaging Pvt. Ltd.** an Indian company incorporated under the Companies Act, 1956 having its registered office at Tainwala House, Road No.18, MIDC, Andheri (East), Mumbai – 400093, Maharasthtra, India has filed a petition on 23/11/2015 **(Petition No. Can/060/2015)** for cancellation of registration of registered Design No. **261719** dated 15/04/2014 under Class 09-02 titled as "Drum" in the name of **Goldstar Polymers Ltd.,** 703, Samarpan Complex, New Link Road, Chakala, Andheri (E), Mumbai – 400099, State of Maharashtra, India./a limited company incorporated under Indian Companies Act., above address."

**(7)**

"**Abhishri Packaging Pvt. Ltd.** an Indian company incorporated under the Companies Act, 1956 having its registered office at Tainwala House, Road No.18, MIDC, Andheri (East), Mumbai – 400093, Maharasthtra, India has filed a petition on 23/11/2015 **(Petition No. Can/061/2015)** for cancellation of registration of registered Design No. **266876** dated 22/10/2014 under Class 09-02 titled as "Drum" in the name of **Goldstar Polymers Ltd.,** 703, Samarpan Complex, New Link Road, Chakala, Andheri (E), Mumbai – 400099, State of Maharashtra, India./a limited company incorporated under Indian Companies Act., above address."

**(8)**

"**Abhishri Packaging Pvt. Ltd.** an Indian company incorporated under the Companies Act, 1956 having its registered office at Tainwala House, Road No.18, MIDC, Andheri (East), Mumbai – 400093, Maharasthtra, India has filed a petition on 23/11/2015 **(Petition No. Can/062/2015)** for cancellation of registration of registered Design No. **266877** dated 22/10/2014 under Class 09-02 titled as "Drum" in the name of **Goldstar Polymers Ltd.,** 703, Samarpan Complex, New Link Road, Chakala, Andheri (E), Mumbai – 400099, State of Maharashtra, India./a limited company incorporated under Indian Companies Act., above address."

**(9)**

**"The Asstt. Controller of Patents & Designs by his order dated 30/11/2015 in respect of petition for cancellation** (Petition No. Can/046/2015), **cancelled the registration of registered Design No.** 263584 **dated 23/06/2014 under Class 09-03 titled as "Container" in the name of** M/s. Dukes Consumer Care Limited**, an Indian, a company incorporated under the Companies Act, 1956, having its place of business at Plot No.45, SEIE, Kattedan, Hyderabad-500077."**

**(10)**

**"The Asstt. Controller of Patents & Designs passed an order on 30/11/2015 to dismiss the petition for cancellation filed by** Artline (India) Pvt. Ltd. **having its registered office at Survey No.1092/126, Perambakkam Road, Village Viswanthpuram, Post Ulandhai, Dist. Tiruvallur, Tamil Nadu 602 105 on 17/01/2014 in respect of registered Design No.** 207586 **dated 27/12/2006 under class 19-02 titled as 'Stamping Machine' in the name of** Addprint India Enterprises Private Limited**, an Indian private limited company having office at Majidha Building, Silverhills, Calicut 12, Kerala, India"**

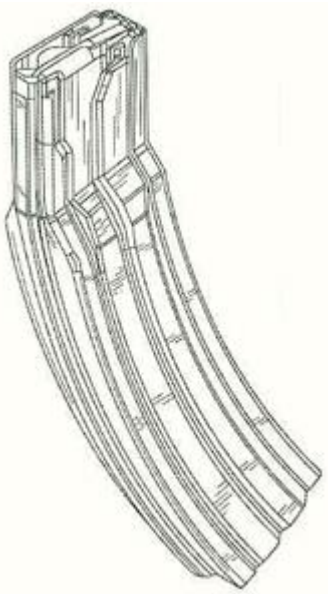
# COPYRIGHT PUBLICATION

| SL NO | REGISTERED DESIGN NUMBERS | RENEWED ON |
|---|---|---|
| 1. | 202403 | 06.11.2015 |
| 2. | 202402 | 06.11.2015 |
| 3. | 202401 | 06.11.2015 |
| 4. | 202400 | 06.11.2015 |
| 5. | 202431 | 06.11.2015 |
| 6. | 202463 | 06.11.2015 |
| 7. | 202373 | 05.11.2015 |
| 8. | 199751 | 06.11.2015 |
| 9. | 199756 | 06.11.2015 |
| 10. | 198286 | 05.11.2015 |
| 11. | 204916 | 03.11.2015 |
| 12. | 199808 | 05.11.2015 |
| 13. | 203719 | 05.11.2015 |
| 14. | 203720 | 05.11.2015 |
| 15. | 203721 | 05.11.2015 |
| 16. | 204684 | 06.11.2015 |

# REGISTRATION OF DESIGNS

**The following designs have been registered. They are now open for public inspection. In the following each entry the Date of Registration is shown. The Priority Number, Priority Date and Priority Country are also shown**

| | |
|---|---|
| **DESIGN NUMBER** | 231566 |
| **CLASS** | 22-01 |
| **1)ARMWEST, LLC.,** 955 WEST ROSSER STREET, PRESCOTT, AZ 86305, U.S.A., | |
| **DATE OF REGISTRATION** | 21/09/2010 |
| **TITLE** | MAGAZINE FOR A FIREARM |



**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 29/358, 316 | 25/03/2010 | U.S.A. |

| | |
|---|---|
| **DESIGN NUMBER** | 269528 |
| **CLASS** | 02-04 |
| **1)DIADORA SPORT S.R.L. OF** VIA MONTELLO, 80, 31031 CAERANO DI SAN MARCO-ITALY | |
| **DATE OF REGISTRATION** | 11/02/2015 |
| **TITLE** | FOOTWEAR |



**PRIORITY**

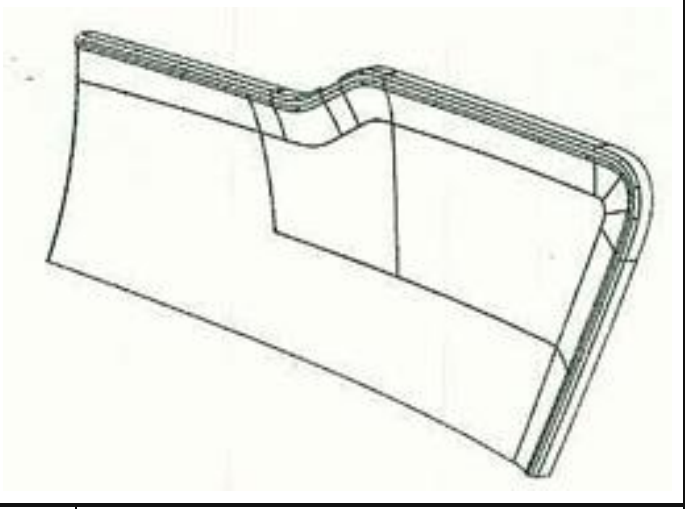
| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| DM/084 153 | 11/08/2014 | ITALY |

| | |
|---|---|
| **DESIGN NUMBER** | 269415 |
| **CLASS** | 02-02 |
| **1)KEWAL KIRAN CLOTHING LTD. OF** KEWAL KIRAN ESTATE, 460/7 I.B.PATEL ROAD, NEAR TIRUPATI UDYOG, GOREGAON (EAST), MUMBAI-400063, MAHARASHTRA, INDIA, INDIAN COMPANY | |
| **DATE OF REGISTRATION** | 09/02/2015 |
| **TITLE** | POCKET |



**PRIORITY NA**

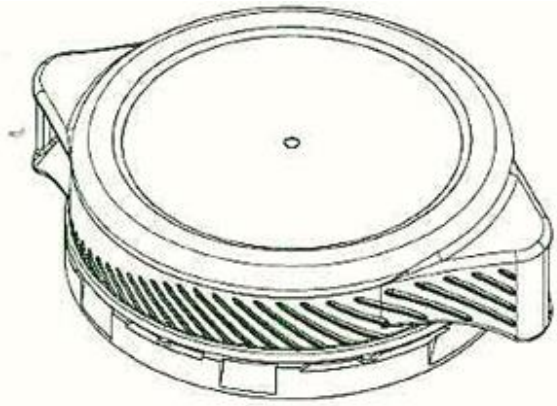
| | |
|---|---|
| **DESIGN NUMBER** | 270046 |
| **CLASS** | 12-16 |
| **1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF** BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA | |
| **DATE OF REGISTRATION** | 02/03/2015 |
| **TITLE** | REAR DOOR TRIM INSERT OF A VEHICLE |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 272032 |
| **CLASS** | 09-07 |
| **1)TETRA LAVAL HOLDINGS & FINANCE S.A., A SWISS COMPANY** OF AVENUE GÉNÉRAL-GUISAN 70, CH-1009 PULLY, SWITZERLAND | |
| **DATE OF REGISTRATION** | 11/05/2015 |
| **TITLE** | LID FOR PACKAGING |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 002584656 | 25/11/2014 | OHIM |



| | |
|---|---|
| **DESIGN NUMBER** | 272404 |
| **CLASS** | 15-03 |
| **1)S. GURTEJ SINGH, C/O. CHAANY AGRO INDUSTRIES (REGD.),** OF VILLAGE SIRYEWALA, TEHSIL PHUL, DIST. BATHINDA-151206 (P.B.), INDIA, INDIAN NATIONAL OF ABOVE ADDRESS | |
| **DATE OF REGISTRATION** | 28/05/2015 |
| **TITLE** | BED ASSEMBLY FOR PADDY STRAW SHREDDER |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 269531 |
| **CLASS** | 02-04 |
| **1)DIADORA SPORT S.R.L. OF** VIA MONTELLO, 80, 31031 CAERANO DI SAN MARCO-ITALY | |
| **DATE OF REGISTRATION** | 11/02/2015 |
| **TITLE** | FOOTWEAR |

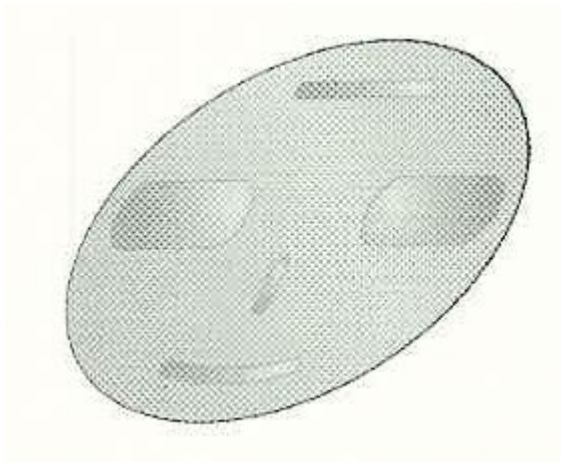
**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| DM/084 153 | 11/08/2014 | ITALY |



| | |
|---|---|
| **DESIGN NUMBER** | 269845 |
| **CLASS** | 09-05 |
| **1)CADILA HEALTHCARE LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, OF** SARKHEJ-BAVLA, N.H. NO. 08A, MORAIYA, TAL. SANAD, AHMEDABAD-382210, INDIA | |
| **DATE OF REGISTRATION** | 25/02/2015 |
| **TITLE** | BLISTER PACK FOR MEDICINES |

**PRIORITY NA**

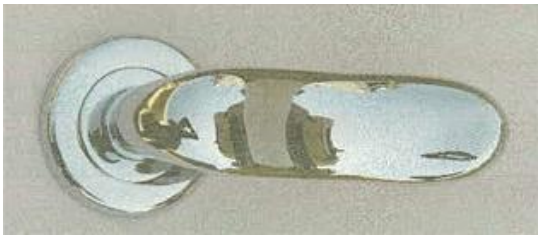


| | |
|---|---|
| **DESIGN NUMBER** | 225073 |
| **CLASS** | 08-07 |
| **1)GODREJ & BOYCE MFG. CO. LTD.** LOCKS DIVISION (PLANT-18), PIROJSHANAGER, VIKHROLI,MUMABAI-400079, MAHARASHSTRA INDIA, | |
| **DATE OF REGISTRATION** | 05/10/2009 |
| **TITLE** | PADLOCK |

**PRIORITY NA**



| | |
|---|---|
| **DESIGN NUMBER** | 271475 |
| **CLASS** | 08-06 |
| **1)SANVI ENTERPRISE, AN INDIAN ENTITY HAVING ITS PRINCIPAL PLACE OF BUSINESS**<br>AT NATIONAL HIGHWAY 8-B, OPPOSITE PARIN FURNITURE, KOTHARIYA SOLVENT AREA, NEAR DHOKIYA MOTORS, KOTHARIYA, DIST: RAJKOT-360004, GUJARAT, INDIA | |
| **DATE OF REGISTRATION** | 17/04/2015 |
| **TITLE** | HANDLE |
| **PRIORITY NA** | |



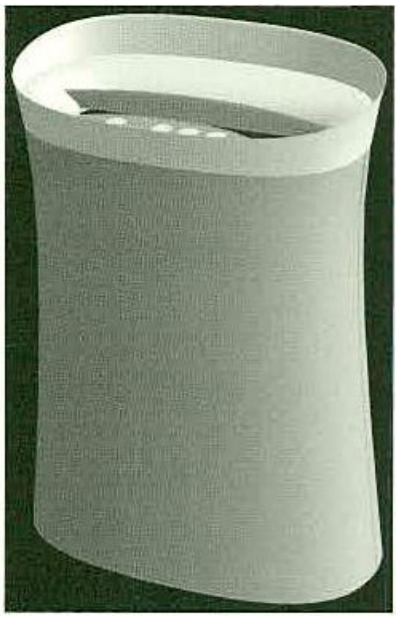
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|---|---|
| **DESIGN NUMBER** | 270830 |
| **CLASS** | 12-11 |
| **1)TUBE INVESTMENTS OF INDIA LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT OF 1956, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT**<br>"DARE HOUSE'', 234, N. S. C. BOSE ROAD, CHENNAI - 600001, STATE OF TAMIL NADU, INDIA | |
| **DATE OF REGISTRATION** | 01/04/2015 |
| **TITLE** | FRAME FOR BICYCLE |
| **PRIORITY NA** | |



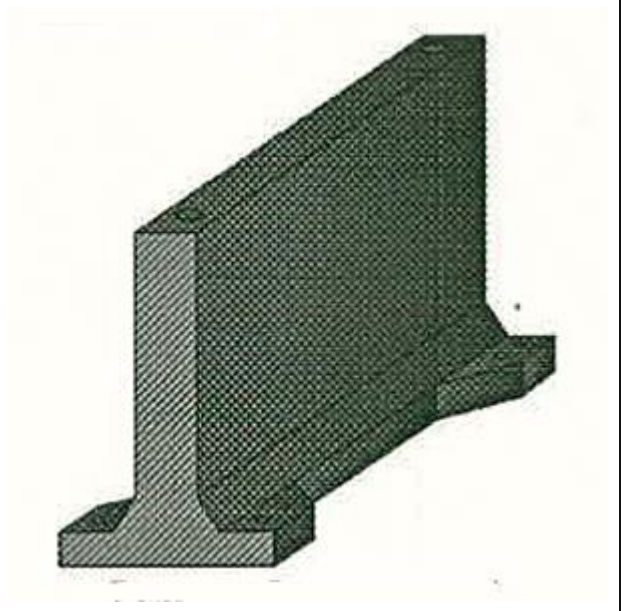
| | |
|---|---|
| **DESIGN NUMBER** | 272034 |
| **CLASS** | 23-04 |
| **1)SHARP KABUSHIKI KAISHA, A JAPANESE CORPORATION**<br>OF 22-22, NAGAIKE-CHO, ABENO-KU, OSAKA, JAPAN | |
| **DATE OF REGISTRATION** | 11/05/2015 |
| **TITLE** | AIR PURIFIER |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 2014-026555 | 28/11/2014 | JAPAN |



| | |
|---|---|
| **DESIGN NUMBER** | 274015 |
| **CLASS** | 25-02 |
| **1)RANUJENDU HALDER (AN INDIAN NATIONAL)** OF VILL: KHARO, PO: KUMRA KASHIPUR, PS: HABRA, DIST: 24 PGS (N), PIN: 743271, WEST BENGAL, INDIA | |
| **DATE OF REGISTRATION** | 30/07/2015 |
| **TITLE** | PRE-FABRICATED CONSTRUCTION BEAM |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 272425 |
| **CLASS** | 26-06 |
| **1)TUBE INVESTMENTS OF INDIA LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT OF 1956, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT** "DARE HOUSE'', 234, N. S. C. BOSE ROAD, CHENNAI - 600001, STATE OF TAMIL NADU, INDIA | |
| **DATE OF REGISTRATION** | 29/05/2015 |
| **TITLE** | REFLECTOR FOR BICYCLE CARRIER |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 205767 |
| **CLASS** | 13-03 |
| **1)GOURAV ROSHNI LTD.** WHOSE ADDRESS IS R-2, LANE NO. 8, GOVERDHAN BIHARI COLONY, SHAHDARAD, DELHI-110032, INDIA | |
| **DATE OF REGISTRATION** | 23/08/2006 |
| **TITLE** | MODULAR SWITCH PLATE |
| **PRIORITY NA** | |



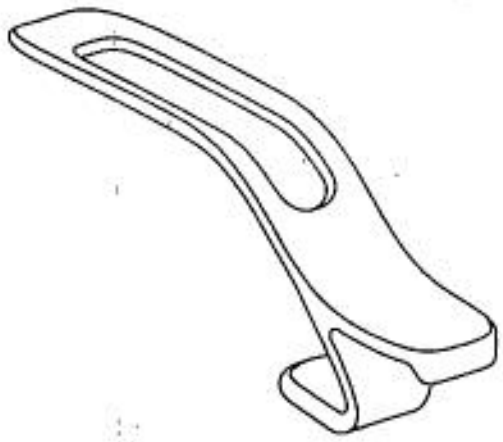
| | |
|---|---|
| **DESIGN NUMBER** | 268702 |
| **CLASS** | 07-02 |

**1)DART INDUSTRIES INC. A COMPANY INCORPORATED UNDER THE LAWS OF THE U.S.A. HAVING ITS REGISTERED OFFICE AT**
14901 S. ORANGE BLOSSOM TRAIL ORLANDO, FLORIDA 32837, U.S.A.

| | |
|---|---|
| **DATE OF REGISTRATION** | 08/01/2015 |
| **TITLE** | COOKWARE HANDLE |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 29/497,079 | 21/07/2014 | U.S.A. |



| | |
|---|---|
| **DESIGN NUMBER** | 269645 |
| **CLASS** | 12-08 |

**1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION, OF**
1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 JAPAN

| | |
|---|---|
| **DATE OF REGISTRATION** | 17/02/2015 |
| **TITLE** | CAR |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 2014-017866 | 18/08/2014 | JAPAN |



| | |
|---|---|
| **DESIGN NUMBER** | 261153 |
| **CLASS** | 14-02 |

**1)MICROSOFT CORPORATION, (A CORPORATION OF THE STATE OF WASHINGTON) OF**
ONE MICROSOFT WAY, REDMOND, WASHINGTON, 98052, U.S.A., AMERICAN COMPANY

| | |
|---|---|
| **DATE OF REGISTRATION** | 20/03/2014 |
| **TITLE** | KEYBOARD |

**PRIORITY**

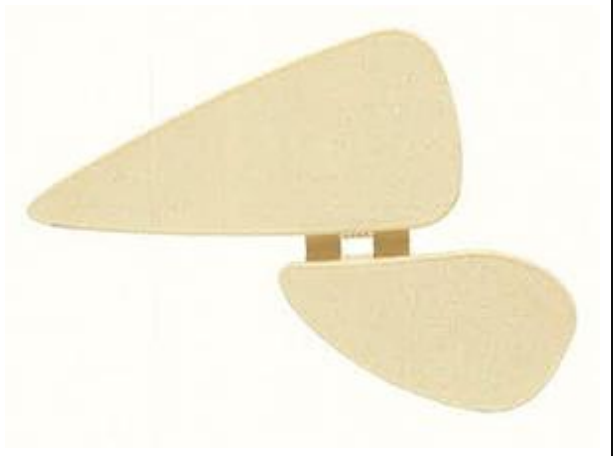
| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 29/467595 | 20/09/2013 | U.S.A. |



| | |
|---|---|
| **DESIGN NUMBER** | 270195 |
| **CLASS** | 15-05 |
| **1)PRADEEPKUMAR NANDLAL DHOOT, INDIAN NATIONAL OF GANGAPURWALA,**<br>2275 ADAT BAZAR, AHMEDNAGAR-414001, MAHARASHTRA, INDIA | |
| **DATE OF REGISTRATION** | 09/03/2015 |
| **TITLE** | WASHING MACHINE |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 271877 |
| **CLASS** | 12-11 |
| **1)TUBE INVESTMENTS OF INDIA LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT OF 1956, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT**<br>"DARE HOUSE'', 234, N. S. C. BOSE ROAD, CHENNAI - 600001, STATE OF TAMIL NADU, INDIA | |
| **DATE OF REGISTRATION** | 05/05/2015 |
| **TITLE** | SAREEGUARD FOR BICYCLE |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 223746 |
| **CLASS** | 11-02 |
| **1)SHAILAJA NAIR FOUNDATION**<br>A/103, MANGALYA, MAROL MAROSHI ROAD, ANDHERI (E), MUMBAI -400059, MAHARASHTRA, INDIA | |
| **DATE OF REGISTRATION** | 09/07/2009 |
| **TITLE** | PLAQUE |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 269530 |
| **CLASS** | 02-04 |
| **1)DIADORA SPORT S.R.L. OF** VIA MONTELLO, 80, 31031 CAERANO DI SAN MARCO-ITALY | |
| **DATE OF REGISTRATION** | 11/02/2015 |
| **TITLE** | FOOTWEAR |

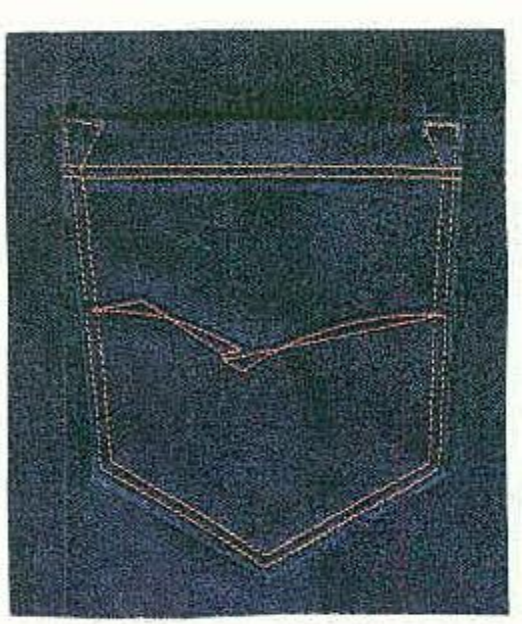
**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| DM/084 153 | 11/08/2014 | ITALY |

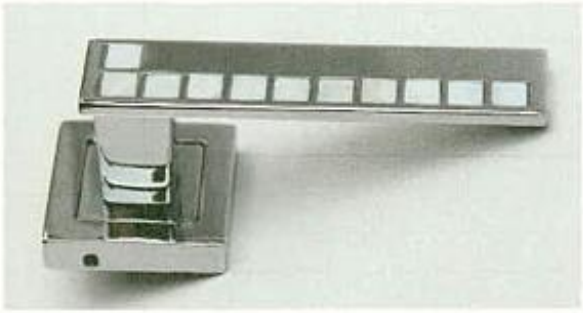


| | |
|---|---|
| **DESIGN NUMBER** | 269416 |
| **CLASS** | 02-02 |
| **1)KEWAL KIRAN CLOTHING LTD. OF** KEWAL KIRAN ESTATE, 460/7 I.B.PATEL ROAD, NEAR TIRUPATI UDYOG, GOREGAON (EAST), MUMBAI-400063, MAHARASHTRA, INDIA, INDIAN COMPANY | |
| **DATE OF REGISTRATION** | 09/02/2015 |
| **TITLE** | POCKET |

**PRIORITY NA**



| | |
|---|---|
| **DESIGN NUMBER** | 271472 |
| **CLASS** | 08-06 |
| **1)SANVI ENTERPRISE, AN INDIAN ENTITY HAVING ITS PRINCIPAL PLACE OF BUSINESS** AT NATIONAL HIGHWAY 8-B, OPPOSITE PARIN FURNITURE, KOTHARIYA SOLVENT AREA, NEAR DHOKIYA MOTORS, KOTHARIYA, DIST: RAJKOT-360004, GUJARAT, INDIA | |
| **DATE OF REGISTRATION** | 17/04/2015 |
| **TITLE** | HANDLE |
| **PRIORITY NA** | |



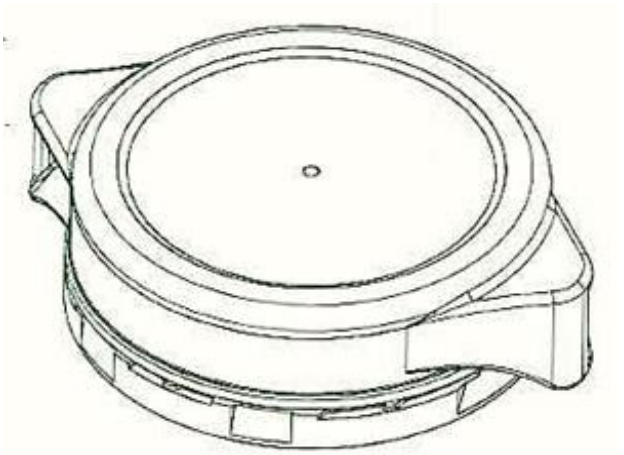
| | |
|---|---|
| **DESIGN NUMBER** | 272285 |
| **CLASS** | 12-11 |
| **1)TUBE INVESTMENTS OF INDIA LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT OF 1956, HAVING ITS PRINCIPAL PLACE OF BUSINESS**<br>AT ''DARE HOUSE'', 234, N. S. C. BOSE ROAD, CHENNAI - 600001, STATE OF TAMIL NADU, INDIA | |
| **DATE OF REGISTRATION** | 22/05/2015 |
| **TITLE** | FRAME FOR BICYCLE |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 272033 |
| **CLASS** | 09-07 |
| **1)TETRA LAVAL HOLDINGS & FINANCE S.A., A SWISS COMPANY**<br>OF AVENUE GÉNÉRAL-GUISAN 70, CH-1009 PULLY, SWITZERLAND | |
| **DATE OF REGISTRATION** | 11/05/2015 |
| **TITLE** | LID FOR PACKAGING |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 002584656 | 25/11/2014 | OHIM |



| | |
|---|---|
| **DESIGN NUMBER** | 223968 |
| **CLASS** | 23-01 |
| **1)TIJARIA POLYPIPES LIMITED**<br>A-130 (E), ROAD NO. 9 D, V.K.I.AREA, JAIPUR -302 013, RAJASTHAN, INDIA, | |
| **DATE OF REGISTRATION** | 23/07/2009 |
| **TITLE** | PIPE |
| **PRIORITY NA** | |



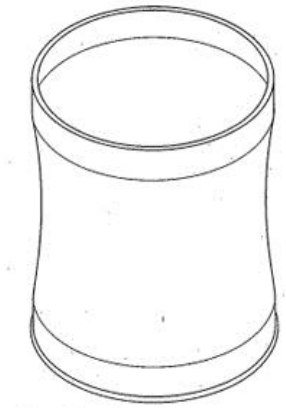
| | |
|---|---|
| **DESIGN NUMBER** | 272405 |
| **CLASS** | 15-03 |
| **1)S. GURTEJ SINGH, C/O. CHAANY AGRO INDUSTRIES (REGD.),** OF VILLAGE SIRYEWALA, TEHSIL PHUL, DIST. BATHINDA-151206 (P.B.), INDIA, INDIAN NATIONAL OF ABOVE ADDRESS | |
| **DATE OF REGISTRATION** | 28/05/2015 |
| **TITLE** | BLOWER FOR PADDY STRAW SHREDDER |
| **PRIORITY NA** | |



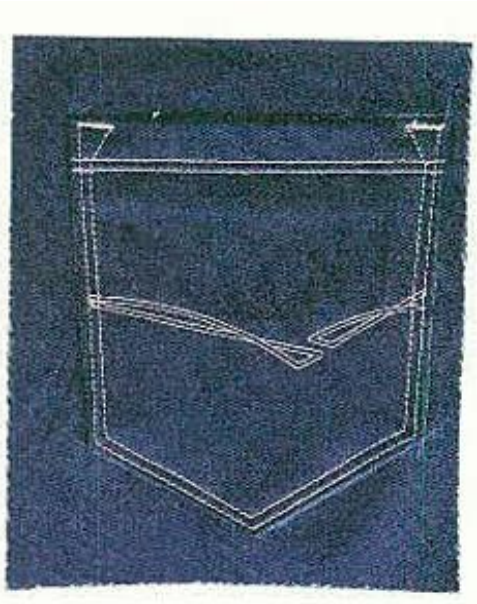
| | |
|---|---|
| **DESIGN NUMBER** | 269612 |
| **CLASS** | 09-03 |
| **1)MEAD JOHNSON NUTRITION COMPANY,** 2701 PATRIOT BLVD., 4TH FLOOR, GLENVIEW, IL 60026, USA | |
| **DATE OF REGISTRATION** | 13/02/2015 |
| **TITLE** | CONTAINER |

**PRIORITY**

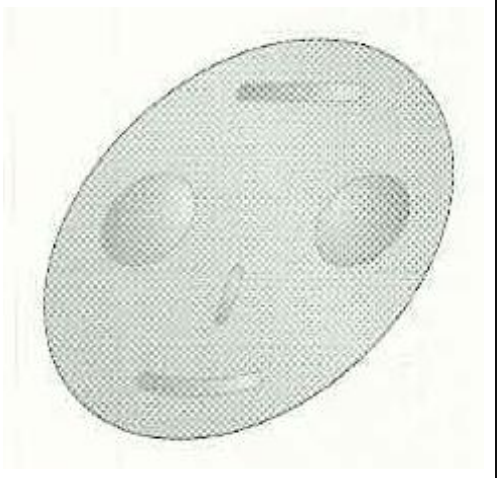
| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 29/499,553 | 15/08/2014 | U.S.A. |



| | |
|---|---|
| **DESIGN NUMBER** | 269418 |
| **CLASS** | 02-02 |
| **1)KEWAL KIRAN CLOTHING LTD. OF** KEWAL KIRAN ESTATE, 460/7 I.B.PATEL ROAD, NEAR TIRUPATI UDYOG, GOREGAON (EAST), MUMBAI-400063, MAHARASHTRA, INDIA, INDIAN COMPANY | |
| **DATE OF REGISTRATION** | 09/02/2015 |
| **TITLE** | POCKET |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 269846 |
| **CLASS** | 09-05 |
| **1)CADILA HEALTHCARE LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, OF** SARKHEJ-BAVLA, N.H. NO. 08A, MORAIYA, TAL. SANAD, AHMEDABAD-382210, INDIA | |
| **DATE OF REGISTRATION** | 25/02/2015 |
| **TITLE** | BLISTER PACK FOR MEDICINES |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 273450 |
| **CLASS** | 26-03 |
| **1)M/S GM MODULAR PVT. LTD., (A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT),** 14/15, BOKADIA IND. ESTATE, SATIVALI ROAD, VASAI (EAST)-401208, DISTRICT-THANE, MAHARASHTRA (INDIA) | |
| **DATE OF REGISTRATION** | 08/07/2015 |
| **TITLE** | CONCEAL LIGHT |
| **PRIORITY NA** | |



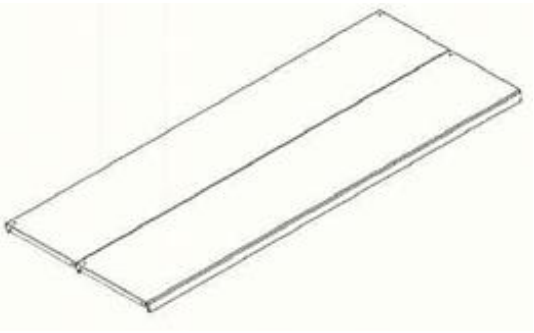
| | |
|---|---|
| **DESIGN NUMBER** | 268705 |
| **CLASS** | 07-02 |
| **1)DART INDUSTRIES INC. A COMPANY INCORPORATED UNDER THE LAWS OF THE U.S.A. HAVING ITS REGISTERED OFFICE AT** 14901 S. ORANGE BLOSSOM TRAIL ORLANDO, FLORIDA 32837, U.S.A. | |
| **DATE OF REGISTRATION** | 08/01/2015 |
| **TITLE** | COOKWARE LID |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 29/497,080 | 21/07/2014 | U.S.A. |



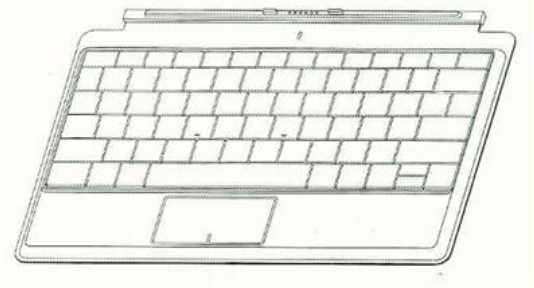
| | |
|---|---|
| **DESIGN NUMBER** | 269653 |
| **CLASS** | 20-02 |
| **1)TMTE METAL TECH PVT LTD, AN INDIAN COMPANY, INCORPORATED UNDER THE COMPANIES ACT, 1956, HAVING ITS OFFICE AT** 25-A/2, NORTH PHASE DAIRY ROAD, SIDCO INDUSTRIAL ESTATE, AMBATTUR, CHENNAI-600098, INDIA | |
| **DATE OF REGISTRATION** | 18/02/2015 |
| **TITLE** | DISPLAY RACKS SHELF |
| **PRIORITY NA** | |



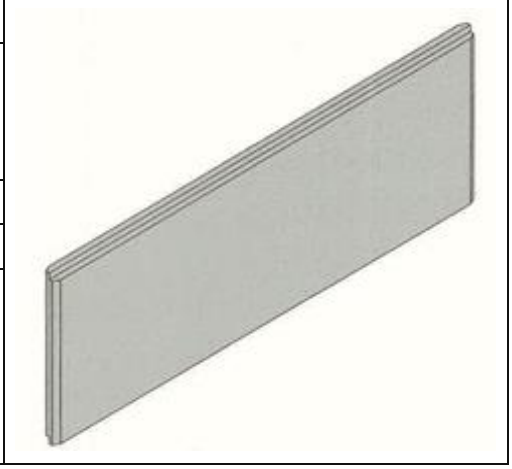
| | |
|---|---|
| **DESIGN NUMBER** | 261156 |
| **CLASS** | 14-02 |
| **1)MICROSOFT CORPORATION, (A CORPORATION OF THE STATE OF WASHINGTON) OF** ONE MICROSOFT WAY, REDMOND, WASHINGTON, 98052, U.S.A., AMERICAN COMPANY | |
| **DATE OF REGISTRATION** | 20/03/2014 |
| **TITLE** | KEYBOARD |

**PRIORITY**

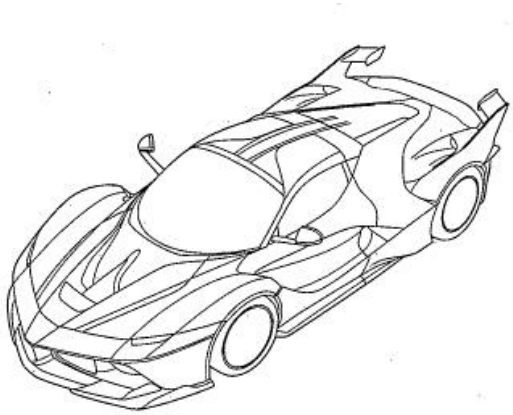
| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 29/467600 | 20/09/2013 | U.S.A. |



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|---|---|
| **DESIGN NUMBER** | 270216 |
| **CLASS** | 25-01 |
| **1)MR. APURVA GIRISHBHAI SHETH, ADULT, AN INDIAN NATIONAL, HAVING HIS ADDRESS AT,** 15-RUPAL SOCIETY, PLOT NO. 2191/92, BEHIND VADODARIYA PARK, HILL DRIVE, BHAVNAGAR-364002, GUJARAT STATE, INDIA | |
| **DATE OF REGISTRATION** | 09/03/2015 |
| **TITLE** | BUILDING PANEL |
| **PRIORITY NA** | |



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|---|---|
| **DESIGN NUMBER** | 269211 |
| **CLASS** | 12-08 |
| **1)FERRARI S.P.A., AN ITALIAN COMPANY OF** VIA EMILIA EST 1163, MODENA, ITALY | |
| **DATE OF REGISTRATION** | 30/01/2015 |
| **TITLE** | CAR |



**PRIORITY**

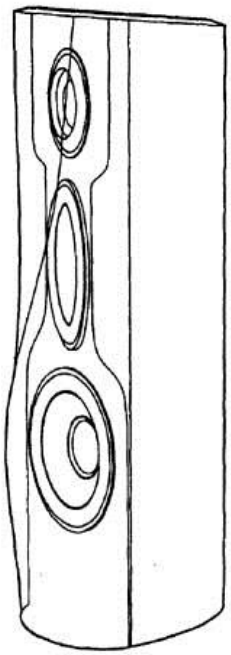
| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 002512889 | 31/07/2014 | OHIM |

| | |
|---|---|
| **DESIGN NUMBER** | 270282 |
| **CLASS** | 03-01 |
| **1)HIDESIGN INDIA PRIVATE LIMITED, (AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956), HAVING ITS OFFICE AT** 244/1 OTHIAMPET VILLAGE, VILLIANUR, PONDICHERRY-605110 | |
| **DATE OF REGISTRATION** | 11/03/2015 |
| **TITLE** | BAG |



**PRIORITY NA**

| | |
|---|---|
| **DESIGN NUMBER** | 227409 |
| **CLASS** | 14-01 |
| **1)WOOX INNOVATIONS BELGIUM NV**, AT TWEESTATIONSSTRAAT 80,B-1070 ANDERLECHT, BELGIUM | |
| **DATE OF REGISTRATION** | 24/02/2010 |
| **TITLE** | SPEAKER |



**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 001604927 | 27/08/2009 | OHIM |

| | |
|---|---|
| **DESIGN NUMBER** | 271994 |
| **CLASS** | 02-01 |

**1)DIXCY TEXTILES PVT. LTD, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956 OF THE ADDRESS**
9, 10, 11, KIZHAKAL THOTTAM, SAKTHI NAGAR, KARUMARAPALAYAM, MANNARAI (PO), TIRUPUR 641607, TAMIL NADU, INDIA

| | |
|---|---|
| **DATE OF REGISTRATION** | 07/05/2015 |
| **TITLE** | RUNNER VEST |

**PRIORITY NA**



| | |
|---|---|
| **DESIGN NUMBER** | 272094 |
| **CLASS** | 12-16 |

**1)AUDI AG, A JOINT STOCK COMPANY ESTABLISHED UNDER GERMAN LAW OF**
AUTO-UNION-STR. 1, D-85045 INGOLSTADT, GERMANY

| | |
|---|---|
| **DATE OF REGISTRATION** | 13/05/2015 |
| **TITLE** | VEHICLE WHEEL RIM |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 002579201-0003 | 17/11/2014 | OHIM |

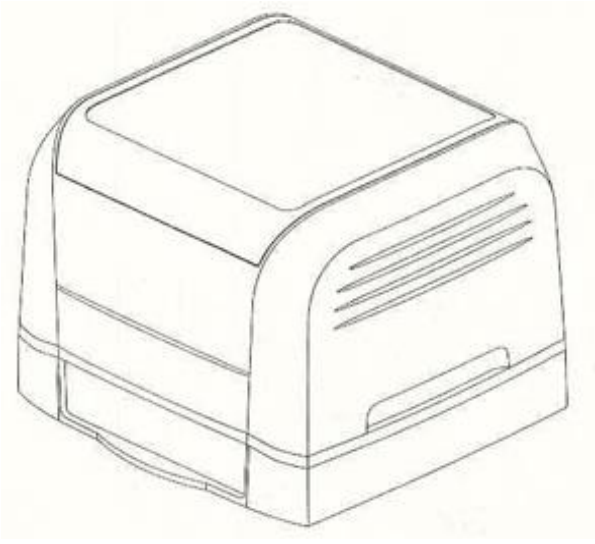


| | |
|---|---|
| **DESIGN NUMBER** | 272348 |
| **CLASS** | 19-02 |

**1)TRODAT GMBH, (A CORPORATION ORGANIZED UNDER THE LAWS OF AUSTRIA),**
LINZER STRASSE 156, A-4600 WELS, AUSTRIA, NATIONALITY: AUSTRIA

| | |
|---|---|
| **DATE OF REGISTRATION** | 26/05/2015 |
| **TITLE** | STAMP |

**PRIORITY NA**



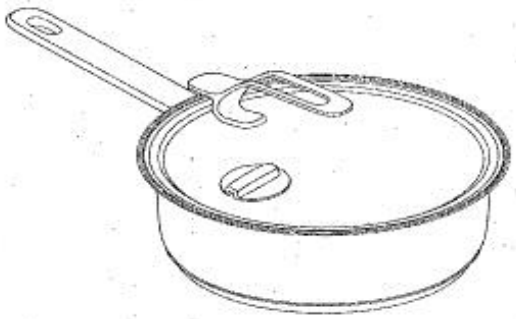
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|---|---|
| **DESIGN NUMBER** | 268707 |
| **CLASS** | 07-02 |

**1)DART INDUSTRIES INC. A COMPANY INCORPORATED UNDER THE LAWS OF THE U.S.A. HAVING ITS REGISTERED OFFICE AT**
14901 S. ORANGE BLOSSOM TRAIL ORLANDO, FLORIDA 32837, U.S.A.

| | |
|---|---|
| **DATE OF REGISTRATION** | 08/01/2015 |
| **TITLE** | COOKWARE |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 29/497,081 | 21/07/2014 | U.S.A. |



| | |
|---|---|
| **DESIGN NUMBER** | 270532 |
| **CLASS** | 09-03 |

**1)PETROLIAM NASIONAL BERHAD (PETRONAS), A CORPORATION ORGANIZED AND EXISTING UNDER THE MALAYSIAN LAW, OF**
TOWER 1, PETRONAS TWIN TOWERS, KUALA LUMPUR CITY CENTRE, 50088 KUALA LUMPUR, MALAYSIA

| | |
|---|---|
| **DATE OF REGISTRATION** | 24/03/2015 |
| **TITLE** | CONTAINER |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 14-01574-0102 | 19/12/2014 | MALAYSIA |



| | |
|---|---|
| **DESIGN NUMBER** | 269173 |
| **CLASS** | 09-01 |

**1)RECKITT BENCKISER (BRANDS) LIMITED, A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF UNITED KINGDOM OF**
103-105 BATH ROAD, SLOUGH, BERKSHIRE, SL1 3UH, UNITED KINGDOM

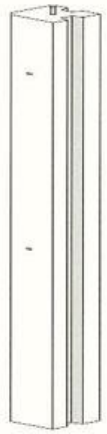
| | |
|---|---|
| **DATE OF REGISTRATION** | 29/01/2015 |
| **TITLE** | DISPENSER |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 002511758-0001 | 30/07/2014 | OHIM |



| | |
|---|---|
| **DESIGN NUMBER** | 270217 |
| **CLASS** | 25-02 |
| **1)MR. APURVA GIRISHBHAI SHETH, ADULT, AN INDIAN NATIONAL, HAVING HIS ADDRESS AT,**<br>15-RUPAL SOCIETY, PLOT NO. 2191/92, BEHIND VADODARIYA PARK, HILL DRIVE, BHAVNAGAR-364002, GUJARAT STATE, INDIA | |
| **DATE OF REGISTRATION** | 09/03/2015 |
| **TITLE** | COLUMN FOR BUILDING |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 271888 |
| **CLASS** | 08-06 |
| **1)BHARATBHAI BHURABHAI DOMADIA AN INDIAN NATIONAL HAVINGADDRESS**<br>5, AJI VASAHAT, OPP. WESTERN MINERAL, 80 FEET ROAD, RAJKOT, GUJARAT-INDIA | |
| **DATE OF REGISTRATION** | 05/05/2015 |
| **TITLE** | HANDLE |
| **PRIORITY NA** | |



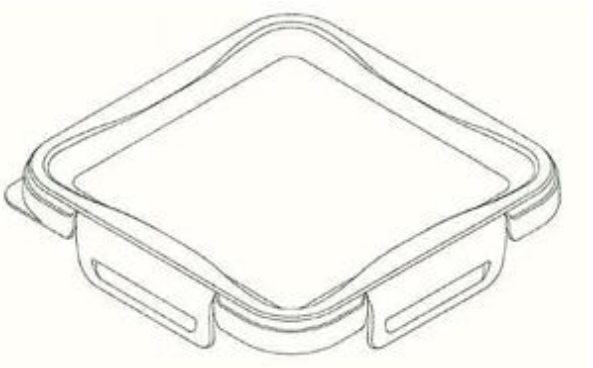
| | |
|---|---|
| **DESIGN NUMBER** | 273463 |
| **CLASS** | 12-15 |
| **1)METRO TYRES LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956 NATIONALITY: INDIAN COMPANY,**<br>C-49, SECTOR-62, NOIDA-201301, U.P. | |
| **DATE OF REGISTRATION** | 08/07/2015 |
| **TITLE** | TYRE |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 247752 |
| **CLASS** | 07-02 |
| **1)WKI HOLDING COMPANY, INC.**<br>OF 5500 N. PEARL, SUITE 400, ROSEMONT, IL 60018, U.S.A., AMERICAN COMPANY | |
| **DATE OF REGISTRATION** | 07/09/2012 |
| **TITLE** | LID FOR CONTAINER |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 29415354 | 09/03/2012 | U.S.A. |



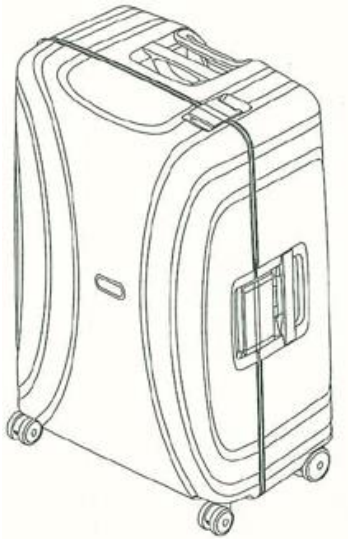
| | |
|---|---|
| **DESIGN NUMBER** | 269208 |
| **CLASS** | 23-04 |
| **1)PRADEEPKUMAR NANDLAL DHOOT, INDIAN NATIONAL OF GANGAPURWALA,**<br>2275 ADAT BAZAR, AHMEDNAGAR-414001, MAHARASHTRA, INDIA | |
| **DATE OF REGISTRATION** | 30/01/2015 |
| **TITLE** | COOLER |
| **PRIORITY NA** | |



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|---|---|
| **DESIGN NUMBER** | 270280 |
| **CLASS** | 03-01 |
| **1)HIDESIGN INDIA PRIVATE LIMITED, (AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956), HAVING ITS OFFICE AT**<br>244/1 OTHIAMPET VILLAGE, VILLIANUR, PONDICHERRY-605110 | |
| **DATE OF REGISTRATION** | 11/03/2015 |
| **TITLE** | BAG |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 271987 |
| **CLASS** | 03-01 |
| **1)SAMSONITE IP HOLDINGS S.À R.L., A LUXEMBOURG PRIVATE LIMITED LIABILITY COMPANY OF**<br>13-15 AVENUE DE LA LIBERTÉ, L-1931 LUXEMBOURG, LUXEMBOURG | |
| **DATE OF REGISTRATION** | 07/05/2015 |
| **TITLE** | LUGGAGE |



**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 002575728-0011 | 12/11/2014 | OHIM |

| | |
|---|---|
| **DESIGN NUMBER** | 273503 |
| **CLASS** | 10-02 |
| **1)SHREE ROOP SHREE ART EXPORTS,**<br>KHASRA NO. 1, SHRI RAM NAGAR SANGARIA, JODHPUR-342001, RAJASTHAN, INDIA (AN INDIAN PARTNERSHIP FIRM WHOSE PARTNERS ARE:- SH. ROHIT PARIHAR, SMT. ANITA PARIHAR, SH. CHANDRA SINGH SOLANKI, SH. JITENDRA SOLANKI & SMT. NEENA SOLANKI AN INDIAN NATIONAL OF THE ABOVE ADDRESS | |
| **DATE OF REGISTRATION** | 10/07/2015 |
| **TITLE** | WATCH |

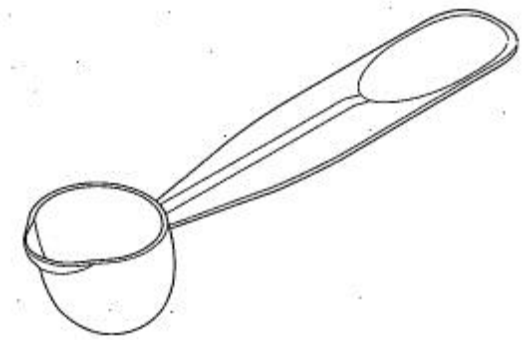
**PRIORITY NA**



| | |
|---|---|
| **DESIGN NUMBER** | 268701 |
| **CLASS** | 08-06 |
| **1)SANVI ENTERPRISE, AN INDIAN ENTITY HAVING ITS PRINCIPAL PLACE OF BUSINESS AT**<br>NATIONAL HIGHWAY 8-B, OPPOSITE PARIN FURNITURE, KOTHARIYA SOLVENT AREA, NEAR DHOKIYA MOTORS, KOTHARIYA, DIST: RAJKOT-360004, GUJARAT, INDIA | |
| **DATE OF REGISTRATION** | 08/01/2015 |
| **TITLE** | DOOR HANDLE |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 269613 |
| **CLASS** | 07-02 |
| **1)MEAD JOHNSON NUTRITION COMPANY,** 2701 PATRIOT BLVD., 4TH FLOOR, GLENVIEW, IL 60026, USA | |
| **DATE OF REGISTRATION** | 13/02/2015 |
| **TITLE** | SCOOP |



**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 29/499,549 | 15/08/2014 | U.S.A. |

| | |
|---|---|
| **DESIGN NUMBER** | 270190 |
| **CLASS** | 09-01 |
| **1)PRAMIT SANGHAVI, AN INDIAN NATIONAL, WHOSE ADDRESS IS** WZ-8/1, INDUSTRIAL AREA, KIRTI NAGAR, NEW DELHI-110015, INDIA | |
| **DATE OF REGISTRATION** | 09/03/2015 |
| **TITLE** | BOTTLE |



**PRIORITY NA**

| | |
|---|---|
| **DESIGN NUMBER** | 269856 |
| **CLASS** | 08-06 |
| **1)PARESHBHAI D. RAIYANI AN INDIAN NATIONAL HAVING HIS PRINCIPAL PLACE OF BUSINESS AT** SANSKAR SOCIETY, STREET NO. 1, PLOT NO. 28, NEAR BALAJI INDUSTRIES, AJI RING ROAD, RAJKOT, GUJARAT-INDIA | |
| **DATE OF REGISTRATION** | 25/02/2015 |
| **TITLE** | HANDLE |



**PRIORITY NA**

| | |
|---|---|
| **DESIGN NUMBER** | 271871 |
| **CLASS** | 02-02 |
| **1)AMIT BEKHI,**<br>B-189, FIRST FLOOR, SARASWATI VIHAR, PITAMPURA, DELHI-110034 | |
| **DATE OF REGISTRATION** | 05/05/2015 |
| **TITLE** | GARMENT |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 259329 |
| **CLASS** | 09-03 |
| **1)M/S. LYKA PACKAGING PVT. LTD., AN INCORPORATED INDIAN COMPANY,**<br>PLASTIC AVENUE, AKANAD, MUDAKKUZHA POST, PERUMBAVOOR, KERALA-683546, INDIA | |
| **DATE OF REGISTRATION** | 10/01/2014 |
| **TITLE** | CONTAINER |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 273451 |
| **CLASS** | 26-03 |
| **1)M/S GM MODULAR PVT. LTD., (A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT),**<br>14/15, BOKADIA IND. ESTATE, SATIVALI ROAD, VASAI (EAST)-401208, DISTRICT-THANE, MAHARASHTRA (INDIA) | |
| **DATE OF REGISTRATION** | 08/07/2015 |
| **TITLE** | CONCEAL LIGHT |
| **PRIORITY NA** | |



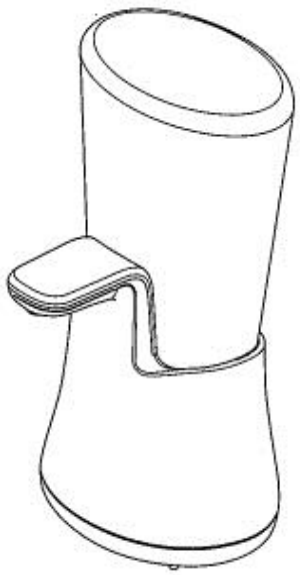
| | |
|---|---|
| **DESIGN NUMBER** | 203630 |
| **CLASS** | 05-06 |
| **1)SMT. P. ANURADHA, PROPRIETRESS, TRADING AS SRI VIJAYA SAI, ENTERPRISES,** PLOT NO. 29, INDUSTRIAL ESTATE, NARASARAOPET 522 601, GUNTUR DIST. (A.P.), INDIA | |
| **DATE OF REGISTRATION** | 24/03/2006 |
| **TITLE** | DISPOSABLE PAPER MEAL PLATE |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 268800 |
| **CLASS** | 23-02 |
| **1)RECKITT BENCKISER (BRANDS) LIMITED, A BRITISH COMPANY OF** 103-105 BATH ROAD, SLOUGH BERKSHIRE, SL1 3UH, UNITED KINGDOM | |
| **DATE OF REGISTRATION** | 12/01/2015 |
| **TITLE** | DISPENSING DEVICE WITH REFILL CARTRIDGE |

**PRIORITY**

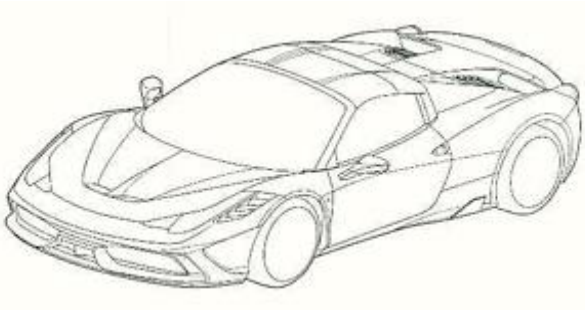
| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 002516112 | 07/08/2014 | OHIM |



| | |
|---|---|
| **DESIGN NUMBER** | 269212 |
| **CLASS** | 12-08 |
| **1)FERRARI S.P.A., AN ITALIAN COMPANY OF** VIA EMILIA EST 1163, MODENA, ITALY | |
| **DATE OF REGISTRATION** | 30/01/2015 |
| **TITLE** | CAR |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 002513028 | 31/07/2014 | OHIM |



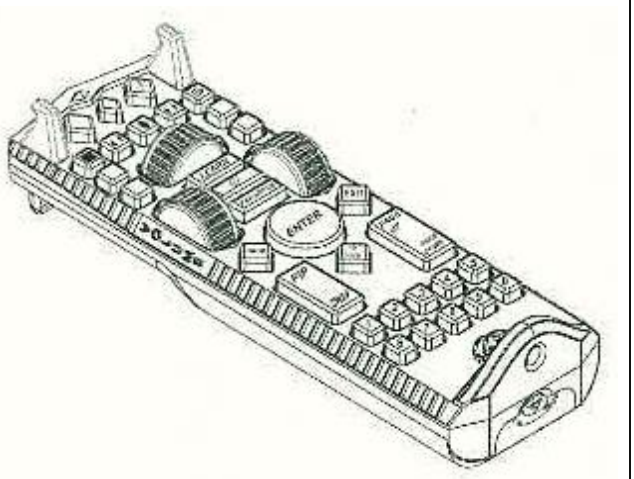
| | |
|---|---|
| **DESIGN NUMBER** | 270284 |
| **CLASS** | 03-01 |
| **1)HIDESIGN INDIA PRIVATE LIMITED, (AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956), HAVING ITS OFFICE AT** 244/1 OTHIAMPET VILLAGE, VILLIANUR, PONDICHERRY-605110 | |
| **DATE OF REGISTRATION** | 11/03/2015 |
| **TITLE** | BAG |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 272181 |
| **CLASS** | 14-03 |
| **1)DANTE R. OLIVAR,** 8 DAMA DE NOCHE ST., TOWN & COUNTRY VILLAGE, ANTIPOLO CITY, PHILIPPINES, A CITIZEN OF PHILIPPINES | |
| **DATE OF REGISTRATION** | 18/05/2015 |
| **TITLE** | REMOTE CONTROL |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 3-2014-001205 | 27/11/2014 | PHILLIPINES |




| | |
|---|---|
| **DESIGN NUMBER** | 272004 |
| **CLASS** | 14-02 |
| **1)JEEWAN CHAND SHARMA, AN INDIAN NATIONAL,** A-701, RIDDHI SIDDHI APARTMENT, BAVDHAN, BEHIND MARATHA MANDIR, PUNE-411021, MAHARASHTRA, INDIA | |
| **DATE OF REGISTRATION** | 08/05/2015 |
| **TITLE** | HOME AUTOMATION CONTROLLER |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 273409 |
| **CLASS** | 21-02 |
| **1)SPORTING SYNDICATE PVT. LTD.,** KAPURTHALA ROAD, JALANDHAR-144021 (PUNJAB) INDIA (AN INDIAN COMPANY DULY REGISTERED UNDER THE COMPANIES ACT, 1956) OF THE ABOVE ADDRESS | |
| **DATE OF REGISTRATION** | 07/07/2015 |
| **TITLE** | SPRING LOADED TWO PIECE MANNEQUIN |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 268805 |
| **CLASS** | 23-01 |
| **1)M/S BLUE MOUNT APPLIANCES PVT. LTD., (A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956) HAVING ITS OFFICE AT** B-96, PUSHPANJALI ENCLAVE, PITAM PURA, OUTER RING ROAD, NEW DELHI-110034, AN INDIAN COMPANY | |
| **DATE OF REGISTRATION** | 12/01/2015 |
| **TITLE** | WATER PURIFIER |
| **PRIORITY NA** | |



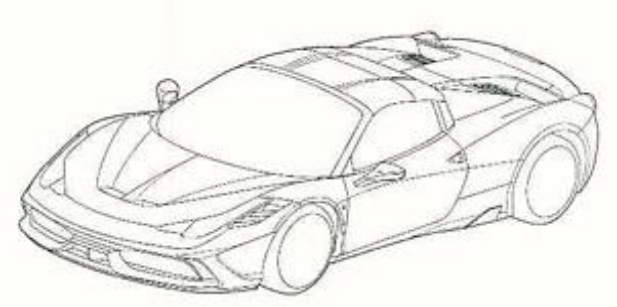
| | |
|---|---|
| **DESIGN NUMBER** | 234487 |
| **CLASS** | 09-07 |
| **1)PATEL BROTHERS** 266/3, G.I.D.C. PHASE-II, WADHWAN CITY-36030 DIST. SURENDRANAGAR GUJARAT, INDIA, | |
| **DATE OF REGISTRATION** | 11/02/2011 |
| **TITLE** | SEAL |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 269214 |
| **CLASS** | 21-01 |
| **1)FERRARI S.P.A., AN ITALIAN COMPANY OF** VIA EMILIA EST 1163, MODENA, ITALY | |
| **DATE OF REGISTRATION** | 30/01/2015 |
| **TITLE** | TOY CAR |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 002513051 | 31/07/2014 | OHIM |



| | |
|---|---|
| **DESIGN NUMBER** | 246079 |
| **CLASS** | 24-01 |
| **1)SUZ DENT INDIA PVT. LTD., AT** KALOL-MEHSANA HIGHWAY, 33 KM MILE STONE, POST: RAJPUR -382715, DIST: MEHSANA, (NG), GUJARAT STATE, INDIA | |
| **DATE OF REGISTRATION** | 21/06/2012 |
| **TITLE** | DENTAL CHAIR UNIT |

**PRIORITY NA**



| | |
|---|---|
| **DESIGN NUMBER** | 270288 |
| **CLASS** | 03-01 |
| **1)HIDESIGN INDIA PRIVATE LIMITED, (AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956), HAVING ITS OFFICE AT** 244/1 OTHIAMPET VILLAGE, VILLIANUR, PONDICHERRY-605110 | |
| **DATE OF REGISTRATION** | 11/03/2015 |
| **TITLE** | BAG |

**PRIORITY NA**



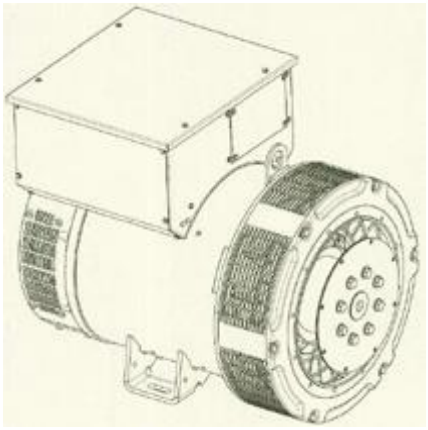
| | |
|---|---|
| **DESIGN NUMBER** | 271824 |
| **CLASS** | 13-02 |

**1)MOTEURS LEROY-SOMER, A COMPANY DULY ORGANIZED AND EXISTING UNDER THE LAWS OF FRANCE OF**
BOULEVARD MARCELLIN LEROY-CS 10015, 16915 ANGOULEME CEDEX 9, FRANCE

| | |
|---|---|
| **DATE OF REGISTRATION** | 30/04/2015 |
| **TITLE** | ALTERNATOR |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 002653402-0001 | 13/03/2015 | OHIM |



| | |
|---|---|
| **DESIGN NUMBER** | 272008 |
| **CLASS** | 08-07 |

**1)GODREJ & BOYCE MFG. CO. LTD.**
OF LOCKS DIVISION (PLANT-18), PIROJSHANAGAR, VIKHROLI, MUMBAI - 400079, MAHARASHTRA, INDIA, INDIAN COMPANY

| | |
|---|---|
| **DATE OF REGISTRATION** | 08/05/2015 |
| **TITLE** | KEY |

**PRIORITY NA**

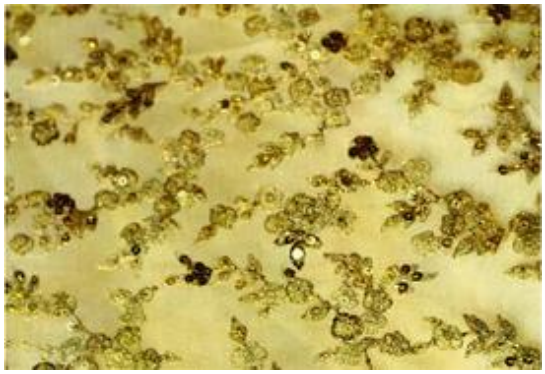


| | |
|---|---|
| **DESIGN NUMBER** | 273752 |
| **CLASS** | 05-03 |

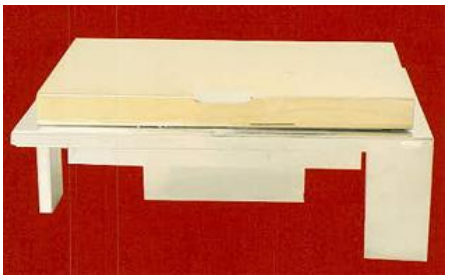
**1)SABYASACHI COUTURE,**
86/C, JATIN DAS ROAD, KOLKATA-700029, WEST BENGAL, INDIA. AN INDIAN PARTNERSHIP CONCERN WHOSE PARTNERS ARE SABYASACHI MUKHERJEE AND SUKUMAR MUKHERJEE

| | |
|---|---|
| **DATE OF REGISTRATION** | 20/07/2015 |
| **TITLE** | EMBROIDERY |

**PRIORITY NA**



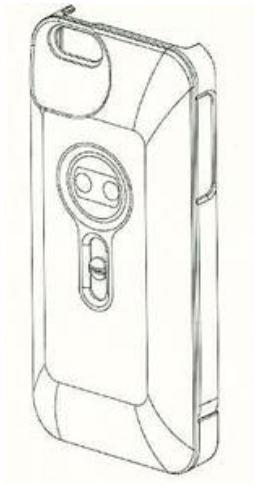
| | |
|---|---|
| **DESIGN NUMBER** | 268813 |
| **CLASS** | 07-01 |
| **1)BAJAJ EQUIPMENTS LTD. (A PUBLIC LIMITED COMPANY REGISTERED AND INCORPORATED IN INDIA UNDER THE PROVISIONS OF THE COMPANIES ACT, 1956) HAVING ITS REGISTERED OFFICE AT:** A-97/6, WAZIRPUR INDUSTRIAL AREAS, NEW DELHI-110052, INDIA | |
| **DATE OF REGISTRATION** | 12/01/2015 |
| **TITLE** | CHAFING DISH |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 260762 |
| **CLASS** | 16-01 |
| **1)FLIR SYSTEMS, INC. (A CORPORATION OF THE STATE OF U.S.A.)** OF 27700 SW PARKWAY AVE. WILSONVILLE, OR 97070, U.S.A., AMERICAN COMPANY | |
| **DATE OF REGISTRATION** | 03/03/2014 |
| **TITLE** | CASE WITH CAMERA FOR A DEVICE |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 29/465,969 | 03/09/2013 | U.S.A. |

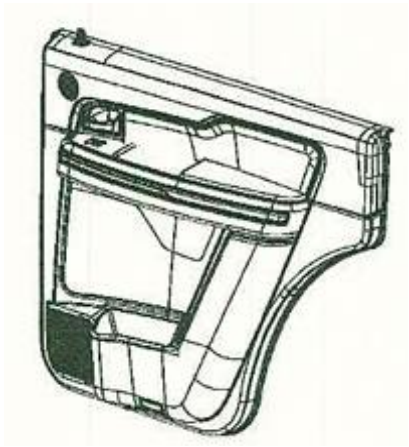


| | |
|---|---|
| **DESIGN NUMBER** | 270374 |
| **CLASS** | 09-05 |
| **1)3M INNOVATIVE PROPERTIES COMPANY, A COMPANY INCORPORATED IN THE STATE OF DELAWARE OF** 3M CENTER, SAINT PAUL, MINNESOTA 55133-3427, U.S.A. | |
| **DATE OF REGISTRATION** | 16/03/2015 |
| **TITLE** | TUBE |

**PRIORITY NA**



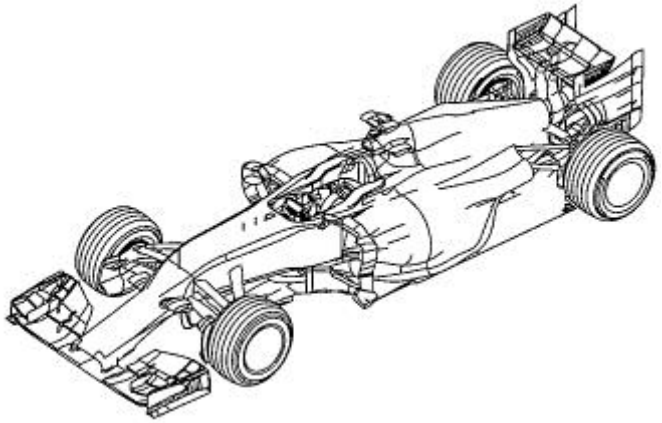
| | |
|---|---|
| **DESIGN NUMBER** | 270022 |
| **CLASS** | 12-16 |
| **1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF** BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA | |
| **DATE OF REGISTRATION** | 02/03/2015 |
| **TITLE** | REAR DOOR ASSEMBLY OF A VEHICLE |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 263961 |
| **CLASS** | 12-08 |
| **1)FERRARI S.P.A., AN ITALIAN COMPANY OF** VIA EMILIA EST 1163, MODENA, ITALY | |
| **DATE OF REGISTRATION** | 10/07/2014 |
| **TITLE** | CAR |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 001400428 | 22/01/2014 | OHIM |



| | |
|---|---|
| **DESIGN NUMBER** | 271843 |
| **CLASS** | 15-02 |
| **1)BUSCH DIENSTE GMBH, A JOINT STOCK COMPANY DULY ORGANIZED UNDER THE LAWS OF GERMANY,** SCHAUINSLANDSTRASSE 1 79689 MAULBURG GERMANY. | |
| **DATE OF REGISTRATION** | 30/04/2015 |
| **TITLE** | REGENERATIVE BLOWER |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| DM/084 894 | 11/11/2014 | OHIM |



| | |
|---|---|
| **DESIGN NUMBER** | 272012 |
| **CLASS** | 12-08 |
| **1)OK PLAY INDIA LTD., A LIMITED COMPANY INCORPORATED UNDER THE COMPANIES ACT 1956 IN INDIA** AT PLOT NO. 17-18 ROZ-KA-MEO INDUSTRIAL ESTATE, TEHSIL-NUH, DISTRICT-MEWAT, HARYANA-122103 | |
| **DATE OF REGISTRATION** | 08/05/2015 |
| **TITLE** | ELECTRIC VEHICLE |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 204875 |
| **CLASS** | 05-05 |
| **1)NAGNATH MALLAYYA ITTAM, INDIAN** OF PLOT NO. C-27/11, NAGNATH SICIETY, AKKALKOT ROAD, MIDC, SOLARPUR-413006, MAHARASHTRA, INDIA. | |
| **DATE OF REGISTRATION** | 30/06/2006 |
| **TITLE** | TEXTILE FABRIC |
| **PRIORITY NA** | |



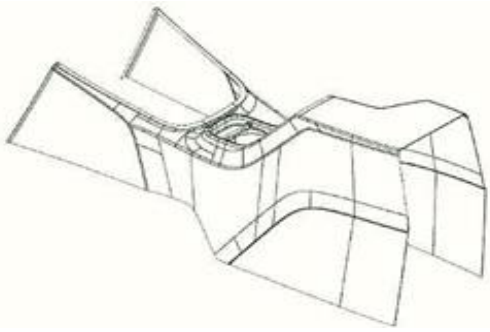

| | |
|---|---|
| **DESIGN NUMBER** | 273437 |
| **CLASS** | 26-05 |
| **1)M/S GM MODULAR PVT. LTD., (A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT),** 14/15, BOKADIA IND. ESTATE, SATIVALI ROAD, VASAI (EAST)-401208, DISTRICT-THANE, MAHARASHTRA (INDIA) | |
| **DATE OF REGISTRATION** | 08/07/2015 |
| **TITLE** | NIGHT LAMP |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 268809 |
| **CLASS** | 23-01 |
| **1)M/S BLUE MOUNT APPLIANCES PVT. LTD., (A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956) HAVING ITS OFFICE AT** B-96, PUSHPANJALI ENCLAVE, PITAM PURA, OUTER RING ROAD, NEW DELHI-110034, AN INDIAN COMPANY | |
| **DATE OF REGISTRATION** | 12/01/2015 |
| **TITLE** | WATER PURIFIER |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 270019 |
| **CLASS** | 12-16 |
| **1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF** BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA | |
| **DATE OF REGISTRATION** | 02/03/2015 |
| **TITLE** | FLOOR CONSOLE HOUSING OF A VEHICLE |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 270290 |
| **CLASS** | 03-01 |
| **1)HIDESIGN INDIA PRIVATE LIMITED, (AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956), HAVING ITS OFFICE AT** 244/1 OTHIAMPET VILLAGE, VILLIANUR, PONDICHERRY-605110 | |
| **DATE OF REGISTRATION** | 11/03/2015 |
| **TITLE** | BAG |
| **PRIORITY NA** | |



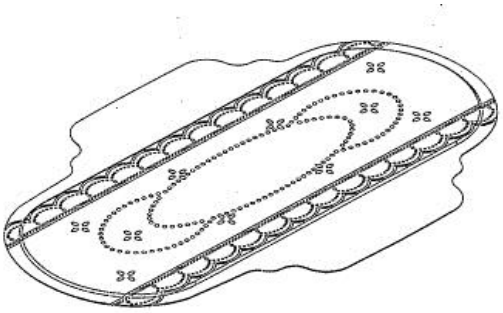
| | |
|---|---|
| **DESIGN NUMBER** | 271839 |
| **CLASS** | 24-04 |

**1)THE PROCTER & GAMBLE COMPANY, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF UNITED STATES OF AMERICA, HAVING ITS REGISTERED OFFICE AT**
ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OHIO - 45202, UNITED STATES OF AMERICA

| | |
|---|---|
| **DATE OF REGISTRATION** | 30/04/2015 |
| **TITLE** | SANITARY NAPKIN |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 29/507663 | 30/10/2014 | U.S.A. |



| | |
|---|---|
| **DESIGN NUMBER** | 273756 |
| **CLASS** | 05-03 |

**1)SABYASACHI COUTURE,**
86/C, JATIN DAS ROAD, KOLKATA-700029, WEST BENGAL, INDIA. AN INDIAN PARTNERSHIP CONCERN WHOSE PARTNERS ARE SABYASACHI MUKHERJEE AND SUKUMAR MUKHERJEE

| | |
|---|---|
| **DATE OF REGISTRATION** | 20/07/2015 |
| **TITLE** | EMBROIDERY |

**PRIORITY NA**



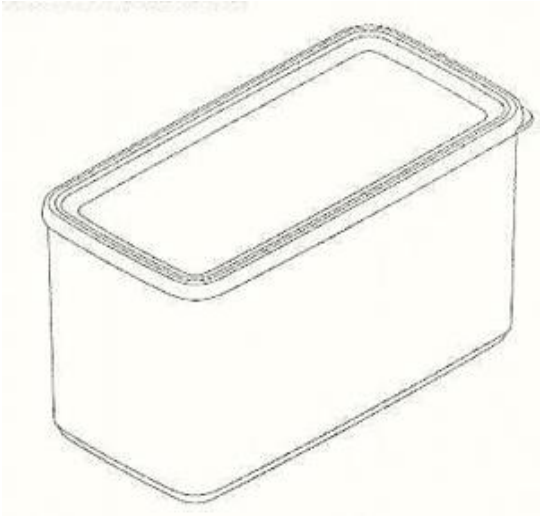
| | |
|---|---|
| **DESIGN NUMBER** | 268713 |
| **CLASS** | 07-02 |

**1)DART INDUSTRIES INC. A COMPANY INCORPORATED UNDER THE LAWS OF THE U.S.A. HAVING ITS REGISTERED OFFICE AT**
14901 S. ORANGE BLOSSOM TRAIL ORLANDO, FLORIDA 32837, U.S.A.

| | |
|---|---|
| **DATE OF REGISTRATION** | 08/01/2015 |
| **TITLE** | STORAGE CONTAINER |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 29/496,893 | 18/07/2014 | U.S.A. |



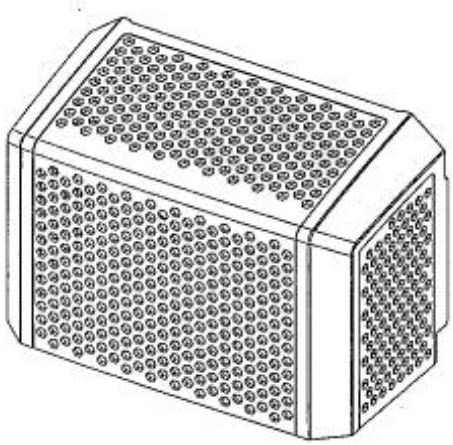
| | |
|---|---|
| **DESIGN NUMBER** | 269877 |
| **CLASS** | 12-08 |
| **1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF** BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA | |
| **DATE OF REGISTRATION** | 26/02/2015 |
| **TITLE** | CAR |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 271010 |
| **CLASS** | 13-03 |
| **1)ABB OY, A COMPANY OF FINLAND OF** STRÖMBERGINTIE 1, 00380 HELSINKI, FINLAND | |
| **DATE OF REGISTRATION** | 06/04/2015 |
| **TITLE** | SHROUD FOR SHORT-CIRCUITING BARS |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 002551929-0002 | 07/10/2014 | OHIM |



| | |
|---|---|
| **DESIGN NUMBER** | 271909 |
| **CLASS** | 06-11 |
| **1) ENVEE & CO., AN INDIAN NATIONAL SOLE PROPRIETORSHIP FIRM WHOSE ADDRESS IS** 26/8, NAJAFGARH ROAD, INDUSTRIAL AREA, NEW DELHI-110015 (INDIA) | |
| **DATE OF REGISTRATION** | 06/05/2015 |
| **TITLE** | CAR MAT |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 272076 |
| **CLASS** | 07-08 |
| **1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT** A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA | |
| **DATE OF REGISTRATION** | 13/05/2015 |
| **TITLE** | FIREPLACE STAND |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 224688 |
| **CLASS** | 21-03 |
| **1)ARIHANT INDUSTRIAL CORPORATION LIMITED** ARIHANT COMPLEX, OPP. SAGAR PETROL PUMP, WESTERN EXPRESS HIGHWAY NO. 8, SATIVALI, VASAI (EAST) - 401208, DIST. THANE, MAHARASHTRA, INDIA, | |
| **DATE OF REGISTRATION** | 14/09/2009 |
| **TITLE** | AMUSEMENT DEVICE |
| **PRIORITY NA** | |



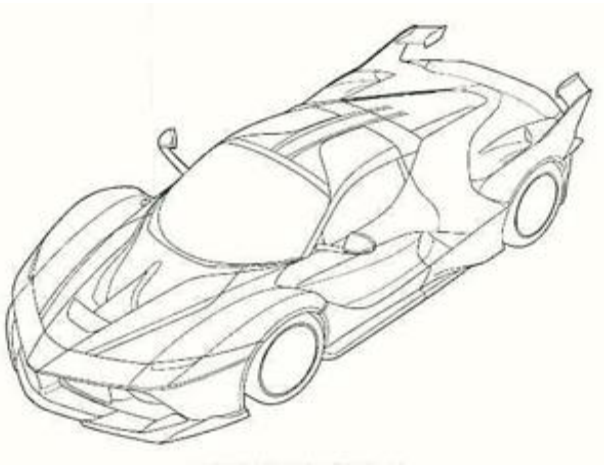
| | |
|---|---|
| **DESIGN NUMBER** | 268801 |
| **CLASS** | 23-02 |
| **1)RECKITT BENCKISER (BRANDS) LIMITED, A BRITISH COMPANY OF** 103-105 BATH ROAD, SLOUGH BERKSHIRE, SL1 3UH, UNITED KINGDOM | |
| **DATE OF REGISTRATION** | 12/01/2015 |
| **TITLE** | DISPENSING DEVICE FOR A LIQUID SOAP |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 002516112 | 07/08/2014 | OHIM |



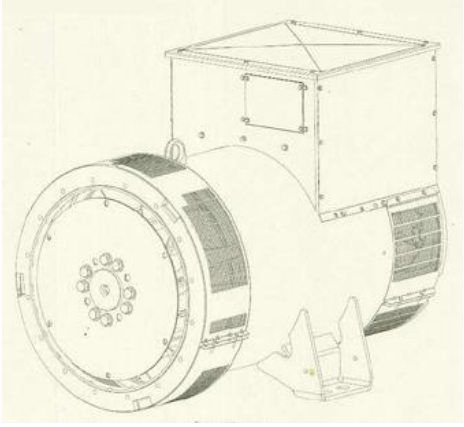
| | |
|---|---|
| **DESIGN NUMBER** | 269213 |
| **CLASS** | 21-01 |
| **1)FERRARI S.P.A., AN ITALIAN COMPANY OF** VIA EMILIA EST 1163, MODENA, ITALY | |
| **DATE OF REGISTRATION** | 30/01/2015 |
| **TITLE** | TOY CAR |



**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 002512947 | 31/07/2014 | OHIM |

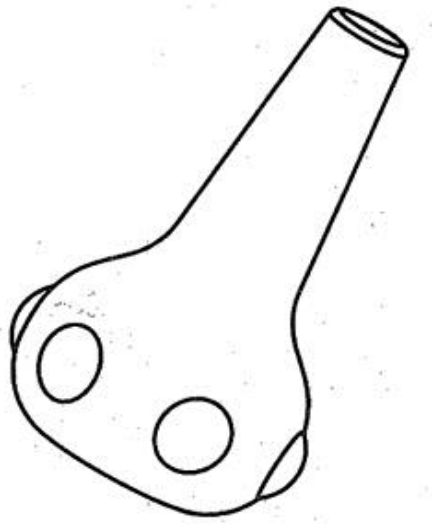
| | |
|---|---|
| **DESIGN NUMBER** | 271823 |
| **CLASS** | 13-02 |
| **1)MOTEURS LEROY-SOMER, A COMPANY DULY ORGANIZED AND EXISTING UNDER THE LAWS OF FRANCE OF** BOULEVARD MARCELLIN LEROY-CS 10015, 16915 ANGOULEME CEDEX 9, FRANCE | |
| **DATE OF REGISTRATION** | 30/04/2015 |
| **TITLE** | ALTERNATOR |



**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 002640847-0001 | 25/02/2015 | OHIM |

| | |
|---|---|
| **DESIGN NUMBER** | 272006 |
| **CLASS** | 19-06 |
| **1)KORES HOLDING ZUG AG,** OF BAARERSTRASSE 112, CH-6302 ZUG, SWITZERLAND | |
| **DATE OF REGISTRATION** | 08/05/2015 |
| **TITLE** | CRAYON |



**PRIORITY**

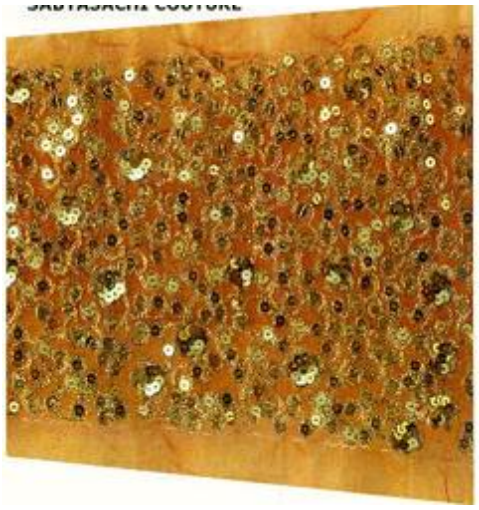
| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 856065901 | 01/12/2014 | WIPO |

| | |
|---|---|
| **DESIGN NUMBER** | 273750 |
| **CLASS** | 05-03 |

**1)SABYASACHI COUTURE,**
86/C, JATIN DAS ROAD, KOLKATA-700029, WEST BENGAL, INDIA. AN INDIAN PARTNERSHIP CONCERN WHOSE PARTNERS ARE SABYASACHI MUKHERJEE AND SUKUMAR MUKHERJEE

| | |
|---|---|
| **DATE OF REGISTRATION** | 20/07/2015 |
| **TITLE** | EMBROIDERY |

**PRIORITY NA**



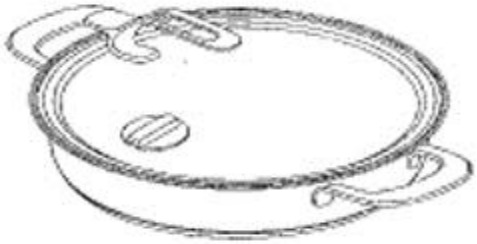
| | |
|---|---|
| **DESIGN NUMBER** | 268708 |
| **CLASS** | 07-02 |

**1)DART INDUSTRIES INC. A COMPANY INCORPORATED UNDER THE LAWS OF THE U.S.A. HAVING ITS REGISTERED OFFICE AT**
14901 S. ORANGE BLOSSOM TRAIL ORLANDO, FLORIDA 32837, U.S.A.

| | |
|---|---|
| **DATE OF REGISTRATION** | 08/01/2015 |
| **TITLE** | COOKWARE |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 29/497,081 | 21/07/2014 | U.S.A. |



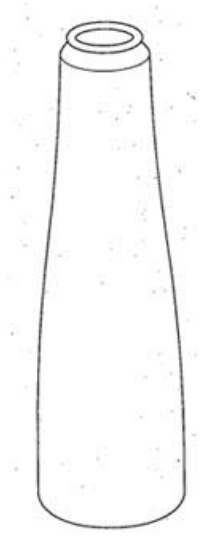
| | |
|---|---|
| **DESIGN NUMBER** | 269174 |
| **CLASS** | 09-01 |

**1)RECKITT BENCKISER (BRANDS) LIMITED, A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF UNITED KINGDOM OF**
103-105 BATH ROAD, SLOUGH, BERKSHIRE, SL1 3UH, UNITED KINGDOM

| | |
|---|---|
| **DATE OF REGISTRATION** | 29/01/2015 |
| **TITLE** | DISPENSER |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 002511758-0003 | 30/07/2014 | OHIM |



| | |
|---|---|
| **DESIGN NUMBER** | 270221 |
| **CLASS** | 09-03 |
| **1)PRAMIT SANGHAVI, AN INDIAN NATIONAL, WHOSE ADDRESS IS** WZ-8/1, INDUSTRIAL AREA, KIRTI NAGAR, NEW DELHI-110015, INDIA | |
| **DATE OF REGISTRATION** | 10/03/2015 |
| **TITLE** | CONTAINER WITH CAP |
| **PRIORITY NA** | |



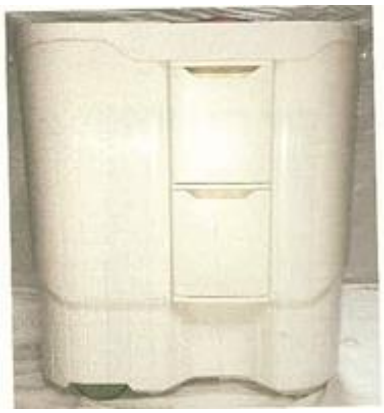
| | |
|---|---|
| **DESIGN NUMBER** | 271007 |
| **CLASS** | 12-11 |
| **1)TUBE INVESTMENTS OF INDIA LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT OF 1956, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT** "DARE HOUSE'', 234, N. S. C. BOSE ROAD, CHENNAI - 600001, STATE OF TAMIL NADU, INDIA | |
| **DATE OF REGISTRATION** | 06/04/2015 |
| **TITLE** | FRAME FOR BICYCLE |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 271665 |
| **CLASS** | 12-16 |
| **1)BAJAJ AUTO LIMITED, AN INDIAN COMPANY, INCORPORATED UNDER THE COMPANIES ACT OF 1956, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT** NEW 2ND & 3RD FLOOR, KHIVRAJ BUILDING, NO. 616, ANNASALAI, CHENNAI - 600006, STATE OF TAMIL NADU, INDIA, AND REGISTERED OFFICE AT AKURDI, PUNE-411035, STATE OF MAHARASHTRA, INDIA | |
| **DATE OF REGISTRATION** | 24/04/2015 |
| **TITLE** | WHEEL RIM FOR VEHICLE |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 272067 |
| **CLASS** | 15-05 |
| **1)GODREJ & BOYCE MFG. CO. LTD., AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1913,** GODREJ APPLIANCE, PLANT 11, PIROJSHANAGER, VIKHROLI (WEST), MUMBAI-400079, INDIA | |
| **DATE OF REGISTRATION** | 12/05/2015 |
| **TITLE** | WASHING MACHINE |
| **PRIORITY NA** | |



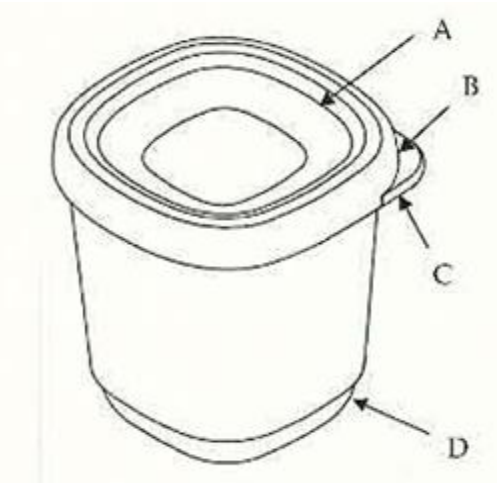
| | |
|---|---|
| **DESIGN NUMBER** | 273464 |
| **CLASS** | 09-01 |
| **1)BHAGYESHBHAI R. PATEL, AN INDIAN NATIONAL SOLE PROPRIETOR OF BRIGHT LIQUID SOAP, AN INDIAN PROPRIETORSHIP FIRM, HAVING ITS PRINCIPAL PLACE OF BUSINESS** AT ADDRESS 1-ABHINAV APPARTMENT, B/H. BODAKDEV URBAN HEALTH CENTRE, MEMNAGAR, AHMEDABAD-52, GUJARAT-INDIA | |
| **DATE OF REGISTRATION** | 08/07/2015 |
| **TITLE** | BOTTLE |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 268718 |
| **CLASS** | 07-02 |
| **1)DART INDUSTRIES INC. A COMPANY INCORPORATED UNDER THE LAWS OF THE U.S.A. HAVING ITS REGISTERED OFFICE AT** 14901 S. ORANGE BLOSSOM TRAIL ORLANDO, FLORIDA 32837, U.S.A. | |
| **DATE OF REGISTRATION** | 08/01/2015 |
| **TITLE** | CONTAINER |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 29/496,897 | 18/07/2014 | U.S.A. |



| | |
|---|---|
| **DESIGN NUMBER** | 269205 |
| **CLASS** | 23-04 |
| **1)PRADEEPKUMAR NANDLAL DHOOT, INDIAN NATIONAL OF GANGAPURWALA,**<br>2275 ADAT BAZAR, AHMEDNAGAR-414001, MAHARASHTRA, INDIA | |
| **DATE OF REGISTRATION** | 30/01/2015 |
| **TITLE** | COOLER |
| **PRIORITY NA** | |



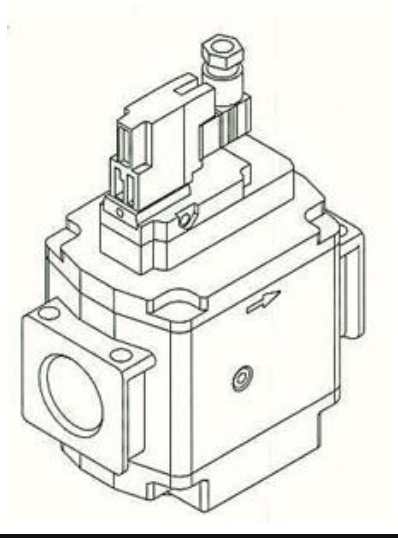
| | |
|---|---|
| **DESIGN NUMBER** | 269955 |
| **CLASS** | 12-16 |
| **1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF**<br>BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA | |
| **DATE OF REGISTRATION** | 27/02/2015 |
| **TITLE** | SILL ROCKER PANEL OF A VEHICLE |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 204524 |
| **CLASS** | 23-01 |
| **1)EUREKA FORBES LIMITED., (A LIMITED COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT, 1956)**<br>KONKAN CO-OP SOCIETY LTD., KONKAN NAGAR HALL, GROUND FLOOR, PLOT NO. 123, L.T. P.K.MARG, MAHIM (W), MUMBAI-400016, MAHARASHTRA, INDIA, | |
| **DATE OF REGISTRATION** | 06/06/2006 |
| **TITLE** | WATER PURIFIER |
| **PRIORITY NA** | |



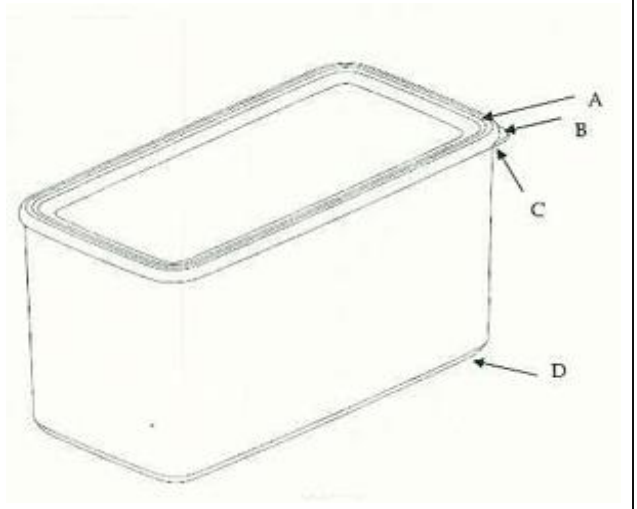
| | |
|---|---|
| **DESIGN NUMBER** | 273482 |
| **CLASS** | 23-01 |
| **1)SMC CORPORATION, A JAPANESE CORPORATION OF** 14-1, SOTOKANDA 4-CHOME, CHIYODA-KU, TOKYO 101-0021, JAPAN | |
| **DATE OF REGISTRATION** | 09/07/2015 |
| **TITLE** | FLOW CONTROL VALVE |



**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 2015-001199 | 23/01/2015 | JAPAN |

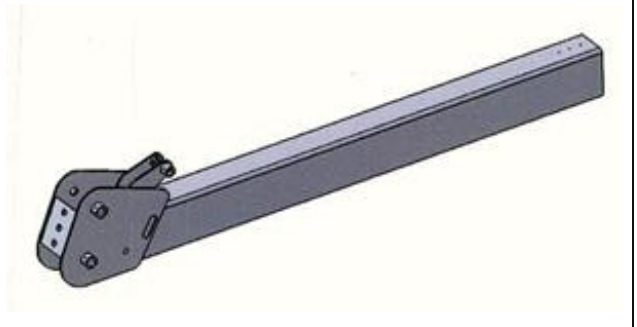
| | |
|---|---|
| **DESIGN NUMBER** | 268714 |
| **CLASS** | 07-02 |
| **1)DART INDUSTRIES INC. A COMPANY INCORPORATED UNDER THE LAWS OF THE U.S.A. HAVING ITS REGISTERED OFFICE AT** 14901 S. ORANGE BLOSSOM TRAIL ORLANDO, FLORIDA 32837, U.S.A. | |
| **DATE OF REGISTRATION** | 08/01/2015 |
| **TITLE** | STORAGE CONTAINER |




**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 29/496,893 | 18/07/2014 | U.S.A. |

| | |
|---|---|
| **DESIGN NUMBER** | 269897 |
| **CLASS** | 12-16 |
| **1)MAHINDRA & MAHINDRA LIMITED, A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1913 WHOSE ADDRESS IS** GATEWAY BUILDING, APOLLO BUNDER, MUMBAI 400001, MAHARASHTRA, INDIA | |
| **DATE OF REGISTRATION** | 26/02/2015 |
| **TITLE** | BOOM FOR CRANE |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 250537 |
| **CLASS** | 02-02 |

**1)KEWAL KIRAN CLOTHING LTD. OF**
KEWAL KIRAN ESTATE, 460/7 I.B.PATEL ROAD, NEAR TIRUPATI UDYOG, GOREGAON (EAST), MUMBAI-400063, MAHARASHTRA, INDIA, INDIAN COMPANY

| | |
|---|---|
| **DATE OF REGISTRATION** | 31/12/2012 |
| **TITLE** | PANT |

**PRIORITY NA**



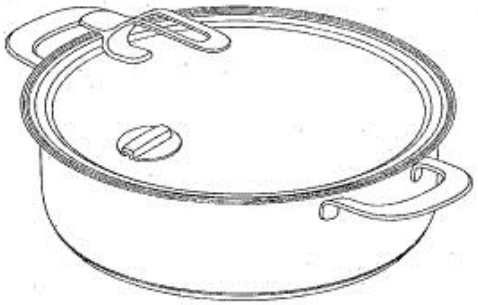

| | |
|---|---|
| **DESIGN NUMBER** | 268709 |
| **CLASS** | 07-02 |

**1)DART INDUSTRIES INC. A COMPANY INCORPORATED UNDER THE LAWS OF THE U.S.A. HAVING ITS REGISTERED OFFICE AT**
14901 S. ORANGE BLOSSOM TRAIL ORLANDO, FLORIDA 32837, U.S.A.

| | |
|---|---|
| **DATE OF REGISTRATION** | 08/01/2015 |
| **TITLE** | COOKWARE |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 29/497,081 | 21/07/2014 | U.S.A. |



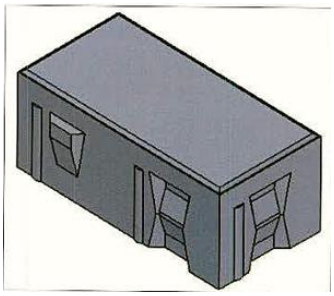
| | |
|---|---|
| **DESIGN NUMBER** | 269182 |
| **CLASS** | 25-01 |

**1)MICHAEL LAZAR, A SINGAPORE CITIZEN WHOSE ADDRESS IS**
214 MARSILING LANE, #24-806, SINGAPORE 730214

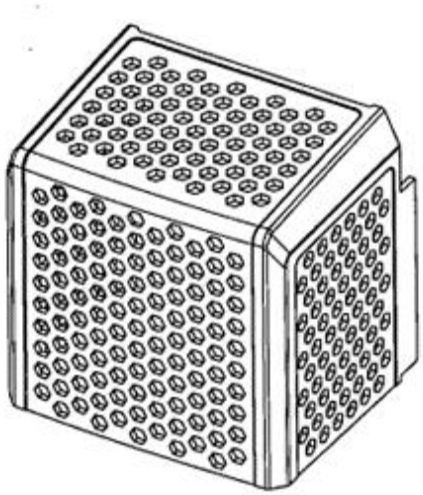
| | |
|---|---|
| **DATE OF REGISTRATION** | 29/01/2015 |
| **TITLE** | PAVERS WITH MECHANICAL LOCKING AND LOCATING SYSTEM |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| D20141293A | 30/10/2014 | SINGAPORE |



| | |
|---|---|
| **DESIGN NUMBER** | 271009 |
| **CLASS** | 13-03 |
| **1)ABB OY, A COMPANY OF FINLAND OF** STRÖMBERGINTIE 1, 00380 HELSINKI, FINLAND | |
| **DATE OF REGISTRATION** | 06/04/2015 |
| **TITLE** | SHROUD FOR SHORT-CIRCUITING BARS |



**PRIORITY**

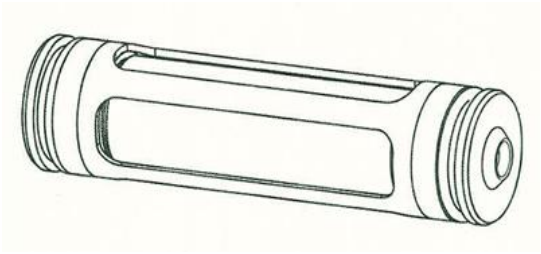
| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 002551929-0001 | 07/10/2014 | OHIM |

| | |
|---|---|
| **DESIGN NUMBER** | 269487 |
| **CLASS** | 16-03 |
| **1)SHARP KABUSHIKI KAISHA, A JAPANESE CORPORATION OF** 22-22, NAGAIKE-CHO, ABENO-KU, OSAKA, JAPAN | |
| **DATE OF REGISTRATION** | 11/02/2015 |
| **TITLE** | PHOTOCOPIER |



**PRIORITY NA**

| | |
|---|---|
| **DESIGN NUMBER** | 269279 |
| **CLASS** | 15-02 |
| **1)GEMA SWITZERLAND GMBH, A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF SWITZERLAND, OF** MÖVENSTRASSE 17, 9015 ST. GALLEN, SWITZERLAND | |
| **DATE OF REGISTRATION** | 04/02/2015 |
| **TITLE** | FILTER COMPARTMENT |



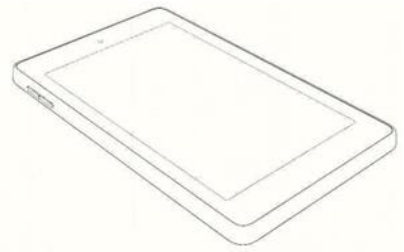
**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 002515882 | 06/08/2014 | OHIM |

| | |
|---|---|
| **DESIGN NUMBER** | 270028 |
| **CLASS** | 14-02 |
| **1)AMAZON TECHNOLOGIES, INC., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF UNITED STATES, HAVING ITS OFFICE AT** P.O. BOX 8102, RENO, NEVADA 89507, UNITED STATES OF AMERICA | |
| **DATE OF REGISTRATION** | 02/03/2015 |
| **TITLE** | TABLET COMPUTING DEVICE |

**PRIORITY**

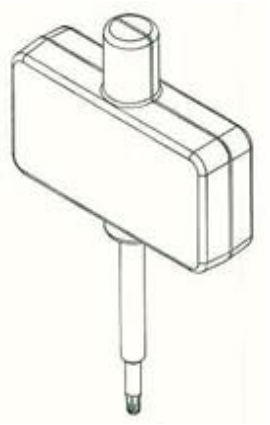
| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 29/501,373 | 03/09/2014 | U.S.A. |



| | |
|---|---|
| **DESIGN NUMBER** | 273280 |
| **CLASS** | 08-05 |
| **1)SANDVIK INTELLECTUAL PROPERTY AB OF** SE-811 81 SANDVIKEN, SWEDEN, A SWEDISH COMPANY | |
| **DATE OF REGISTRATION** | 01/07/2015 |
| **TITLE** | TORQUE WRENCH |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 001430391 | 20/02/2015 | OHIM |



| | |
|---|---|
| **DESIGN NUMBER** | 263418 |
| **CLASS** | 12-05 |
| **1)R. N. GUPTA & COMPANY LIMITED, (AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956), HAVING ITS OFFICE AT** UNIT-II, GT ROAD, TEHSIL PAYAL, DORAHA-141421 | |
| **DATE OF REGISTRATION** | 17/06/2014 |
| **TITLE** | CRANE |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 205041 |
| **CLASS** | 13-03 |
| **1)HIMGIRI ENTERPRISES (P) LTD., AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956,** 3337-B, MAHINDRA PARK, RANI BAGH, DELHI-110034, (INDIA) | |
| **DATE OF REGISTRATION** | 13/06/2006 |
| **TITLE** | SOCKET |

**PRIORITY NA**



| | |
|---|---|
| **DESIGN NUMBER** | 273921 |
| **CLASS** | 05-03 |
| **1)SABYASACHI COUTURE,** 86/C, JATIN DAS ROAD, KOLKATA-700029, WEST BENGAL, INDIA. AN INDIAN PARTNERSHIP CONCERN WHOSE PARTNERS ARE SABYASACHI MUKHERJEE AND SUKUMAR MUKHERJEE | |
| **DATE OF REGISTRATION** | 27/07/2015 |
| **TITLE** | EMBROIDERY |

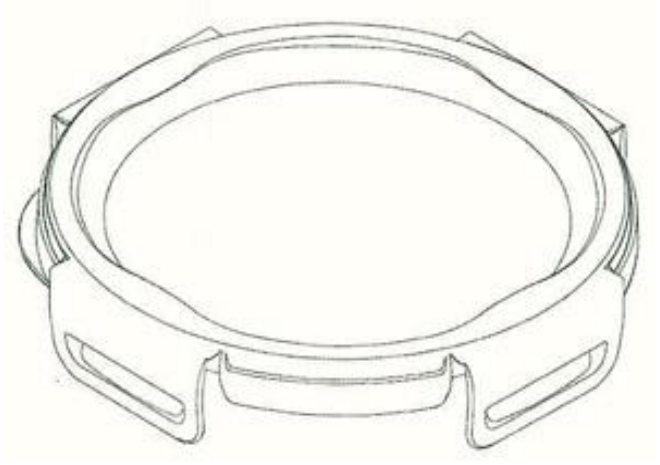
**PRIORITY NA**



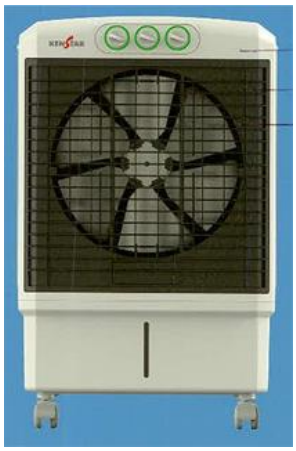
| | |
|---|---|
| **DESIGN NUMBER** | 247748 |
| **CLASS** | 07-02 |
| **1)WKI HOLDING COMPANY, INC.** OF 5500 N. PEARL, SUITE 400, ROSEMONT, IL 60018, U.S.A., AMERICAN COMPANY | |
| **DATE OF REGISTRATION** | 07/09/2012 |
| **TITLE** | LID FOR CONTAINER |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 29415361 | 09/03/2012 | U.S.A. |



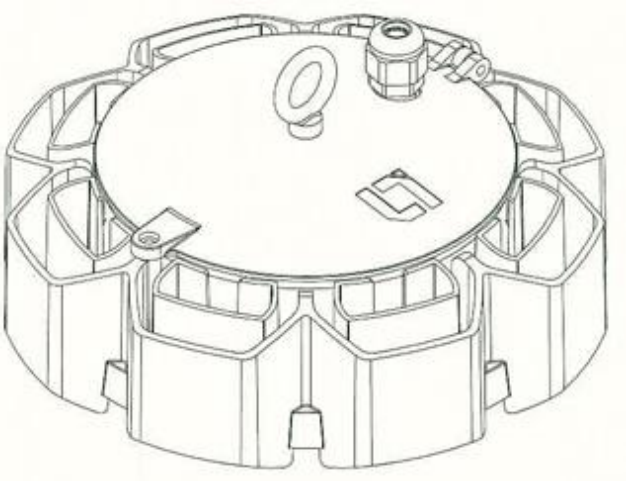
| | |
|---|---|
| **DESIGN NUMBER** | 269206 |
| **CLASS** | 23-04 |
| **1)PRADEEPKUMAR NANDLAL DHOOT, INDIAN NATIONAL OF GANGAPURWALA,** 2275 ADAT BAZAR, AHMEDNAGAR-414001, MAHARASHTRA, INDIA | |
| **DATE OF REGISTRATION** | 30/01/2015 |
| **TITLE** | COOLER |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 270277 |
| **CLASS** | 03-01 |
| **1)HIDESIGN INDIA PRIVATE LIMITED, (AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956), HAVING ITS OFFICE AT** 244/1 OTHIAMPET VILLAGE, VILLIANUR, PONDICHERRY-605110 | |
| **DATE OF REGISTRATION** | 11/03/2015 |
| **TITLE** | BAG |
| **PRIORITY NA** | |



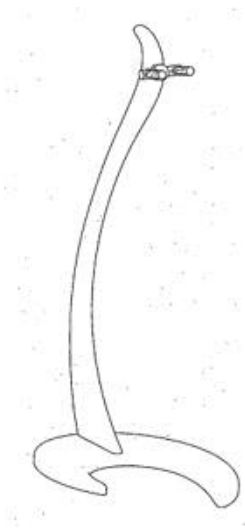
| | |
|---|---|
| **DESIGN NUMBER** | 272147 |
| **CLASS** | 26-05 |
| **1)LIGHTING TECHNOLOGIES INDIA PRIVATE LIMITED, A COMPANY REGISTERED UNDER COMPANIES ACT 1956, HAVING IT'S REGISTERED ADDRESS AT** M C JUNCTION, NO. 201, 3RD MAIN, KASTURI NAGAR, BANGALORE-560043, KARNATAKA, INDIA; NATIONALITY: INDIAN | |
| **DATE OF REGISTRATION** | 15/05/2015 |
| **TITLE** | LIGHTING FIXTURE |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 273494 |
| **CLASS** | 06-06 |

**1)(1) PETER VAN HERPE, OF**
WOLSTRAAT 20, 2490 BALEN, BELGIUM, A BELGIAN NATIONAL (2) PASCAL VANDERVORST, NEDEROKKERZEELSESTEENWEG 4A, 3071 ERPS KWERPS, BELGIË, A BELGIË NATIONAL

| | |
|---|---|
| **DATE OF REGISTRATION** | 10/07/2015 |
| **TITLE** | GUITAR STAND |



**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 002638833-0002 | 23/02/2015 | OHIM |

| | |
|---|---|
| **DESIGN NUMBER** | 269526 |
| **CLASS** | 02-04 |

**1)DIADORA SPORT S.R.L. OF**
VIA MONTELLO, 80, 31031 CAERANO DI SAN MARCO-ITALY

| | |
|---|---|
| **DATE OF REGISTRATION** | 11/02/2015 |
| **TITLE** | FOOTWEAR |



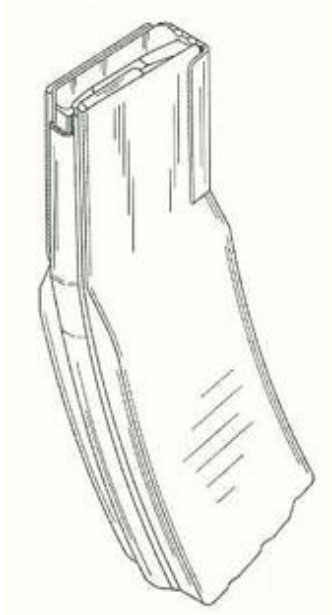
**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| DM/084 153 | 11/08/2014 | ITALY |

| | |
|---|---|
| **DESIGN NUMBER** | 231564 |
| **CLASS** | 22-01 |

**1)ARMWEST, LLC.,**
955 WEST ROSSER STREET, PRESCOTT, AZ 86305, U.S.A.,

| | |
|---|---|
| **DATE OF REGISTRATION** | 21/09/2010 |
| **TITLE** | MAGAZINE FOR A FIREARM |



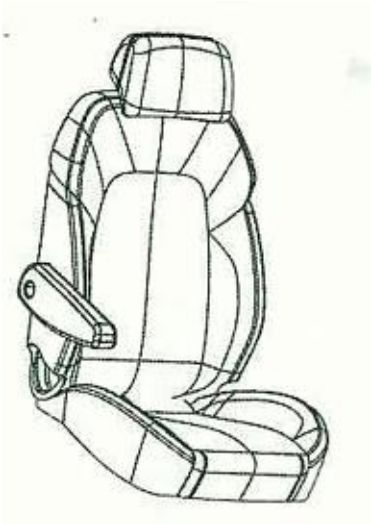
**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 29/358, 312 | 25/03/2010 | U.S.A. |

| | |
|---|---|
| **DESIGN NUMBER** | 269363 |
| **CLASS** | 07-01 |
| **1)M. M. PLASTOWARE (INDIA) PVT. LTD, GALA NO. 10, BLDG NO. 2, PARAM INDUSTRIAL ESTATE, NAIKPADA, WALIV, VASAI (EAST) DIST: THANE:-401208, STATE OF MAHARASHTRA, INDIA,/**<br>A PRIVATE LIMITED COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT, ABOVE ADDRESS | |
| **DATE OF REGISTRATION** | 06/02/2015 |
| **TITLE** | JUG |
| **PRIORITY NA** | |



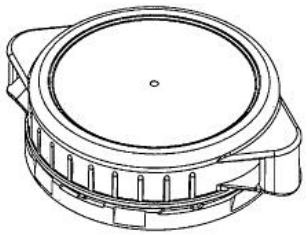
| | |
|---|---|
| **DESIGN NUMBER** | 270039 |
| **CLASS** | 06-01 |
| **1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF**<br>BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA | |
| **DATE OF REGISTRATION** | 02/03/2015 |
| **TITLE** | SEAT OF A VEHICLE |
| **PRIORITY NA** | |



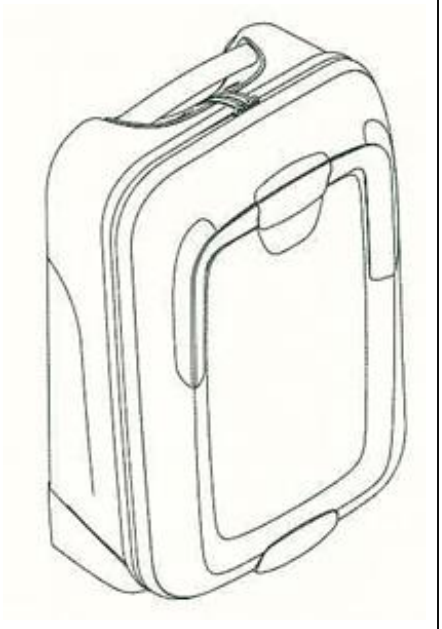
| | |
|---|---|
| **DESIGN NUMBER** | 272030 |
| **CLASS** | 09-07 |
| **1)TETRA LAVAL HOLDINGS & FINANCE S.A., A SWISS COMPANY**<br>OF AVENUE GÉNÉRAL-GUISAN 70, CH-1009 PULLY, SWITZERLAND | |
| **DATE OF REGISTRATION** | 11/05/2015 |
| **TITLE** | LID FOR PACKAGING |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 002584656 | 25/11/2014 | OHIM |



| | |
|---|---|
| **DESIGN NUMBER** | 272402 |
| **CLASS** | 03-01 |
| **1)ROYALTY BUGABOO GMBH, A LIMITED LIABILITY COMPANY OF SWITZERLAND OF**<br>SCHMIDGASSE 3, CH-6300 ZUG, SWITZERLAND | |
| **DATE OF REGISTRATION** | 28/05/2015 |
| **TITLE** | SUITCASE |
| **PRIORITY NA** | |



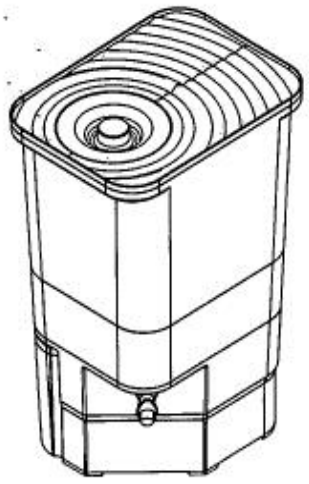
| | |
|---|---|
| **DESIGN NUMBER** | 273444 |
| **CLASS** | 13-99 |
| **1)M/S GM MODULAR PVT. LTD., (A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT),**<br>14/15, BOKADIA IND. ESTATE, SATIVALI ROAD, VASAI (EAST)-401208, DISTRICT-THANE, MAHARASHTRA (INDIA) | |
| **DATE OF REGISTRATION** | 08/07/2015 |
| **TITLE** | MOSQUITO REPELLENT |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 268721 |
| **CLASS** | 23-01 |
| **1)MARMON WATER (SINGAPORE) PTE. LTD.,**<br>NO.2 SERANGOON NORTH AVENUE 5 #01 01, SINGAPORE 554911 | |
| **DATE OF REGISTRATION** | 08/01/2015 |
| **TITLE** | DRINKING WATER DISPENSER |

**PRIORITY**

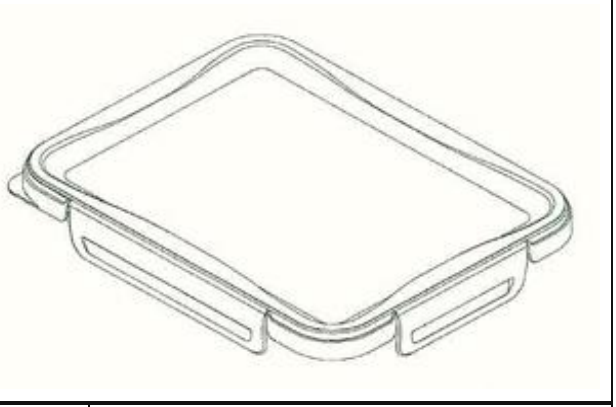
| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 29/498,111 | 31/07/2014 | U.S.A. |



| | |
|---|---|
| **DESIGN NUMBER** | 247750 |
| **CLASS** | 07-02 |
| **1)WKI HOLDING COMPANY, INC.** OF 5500 N. PEARL, SUITE 400, ROSEMONT, IL 60018, U.S.A., AMERICAN COMPANY | |
| **DATE OF REGISTRATION** | 07/09/2012 |
| **TITLE** | LID FOR CONTAINER |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 29415354 | 09/03/2012 | U.S.A. |



| | |
|---|---|
| **DESIGN NUMBER** | 269207 |
| **CLASS** | 23-04 |
| **1)PRADEEPKUMAR NANDLAL DHOOT, INDIAN NATIONAL OF GANGAPURWALA,** 2275 ADAT BAZAR, AHMEDNAGAR-414001, MAHARASHTRA, INDIA | |
| **DATE OF REGISTRATION** | 30/01/2015 |
| **TITLE** | COOLER |

**PRIORITY NA**




| | |
|---|---|
| **DESIGN NUMBER** | 270278 |
| **CLASS** | 03-01 |
| **1)HIDESIGN INDIA PRIVATE LIMITED, (AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956), HAVING ITS OFFICE AT** 244/1 OTHIAMPET VILLAGE, VILLIANUR, PONDICHERRY-605110 | |
| **DATE OF REGISTRATION** | 11/03/2015 |
| **TITLE** | BAG |

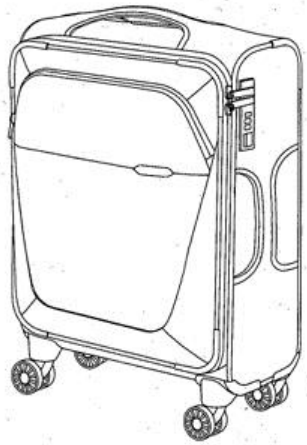
**PRIORITY NA**



| | |
|---|---|
| **DESIGN NUMBER** | 271986 |
| **CLASS** | 03-01 |

**1)SAMSONITE IP HOLDINGS S.À R.L., A LUXEMBOURG PRIVATE LIMITED LIABILITY COMPANY OF**
13-15 AVENUE DE LA LIBERTÉ, L-1931 LUXEMBOURG, LUXEMBOURG

| | |
|---|---|
| **DATE OF REGISTRATION** | 07/05/2015 |
| **TITLE** | LUGGAGE |



**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 002575728-0008 | 12/11/2014 | OHIM |

| | |
|---|---|
| **DESIGN NUMBER** | 203968 |
| **CLASS** | 09-07 |

**1)PLASTICON INDUSTRIES, AN INDIAN PROPRIETARY FIRM,**
11/3/A, CIEEP, GANDHI NAGAR, BALANAGAR, HYDERABAD (A.P.), INDIA,

| | |
|---|---|
| **DATE OF REGISTRATION** | 21/04/2006 |
| **TITLE** | REVETLESS CLAMP |



**PRIORITY NA**

| | |
|---|---|
| **DESIGN NUMBER** | 268977 |
| **CLASS** | 04-02 |

**1)COLGATE-PALMOLIVE COMPANY, A DELAWARE CORPORATION,**
300 PARK AVENUE, NEW YORK, NEW YORK 10022, USA

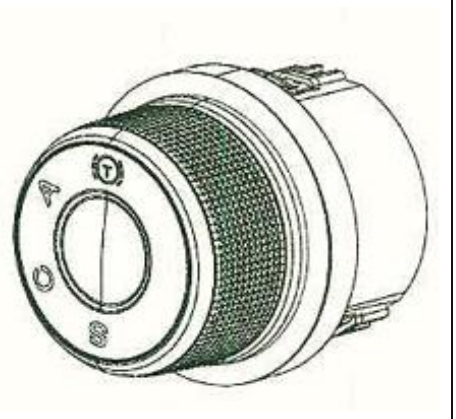
| | |
|---|---|
| **DATE OF REGISTRATION** | 21/01/2015 |
| **TITLE** | TOOTHBRUSH |



**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 29/498,169 | 31/07/2014 | U.S.A. |

| | |
|---|---|
| **DESIGN NUMBER** | 270024 |
| **CLASS** | 12-16 |
| **1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF** BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA | |
| **DATE OF REGISTRATION** | 02/03/2015 |
| **TITLE** | ESP (ELECTRONIC STABILITY PROGRAM) KNOB OF A VEHICLE |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 272023 |
| **CLASS** | 08-08 |
| **1) AMRUTLAL SAMAT HARIA, AMRUTLAL NARSHI KHIMASIA AND SARLABEN SAVLA,** M/S ROYAL, AN INDIAN PARTNERSHIP FIRM AT C-2/314, G.I.D.C., SHANKER TEKARI UDYOG NAGAR, JAMNAGAR-361004, GUJARAT. INDIA | |
| **DATE OF REGISTRATION** | 11/05/2015 |
| **TITLE** | BOLT |
| **PRIORITY NA** | |



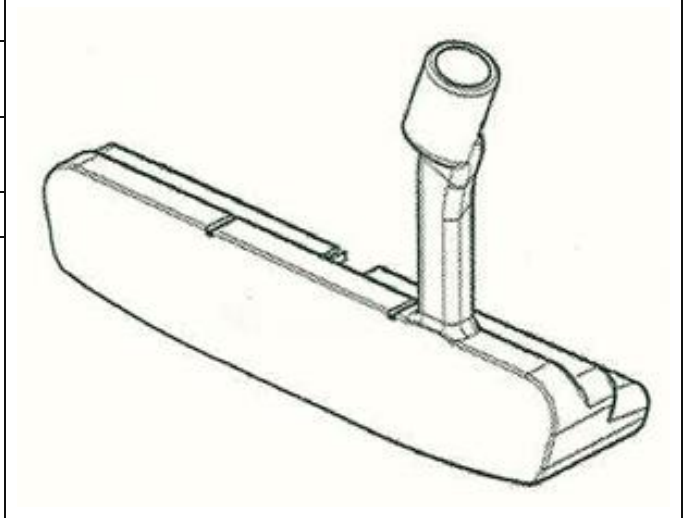
| | |
|---|---|
| **DESIGN NUMBER** | 205037 |
| **CLASS** | 13-03 |
| **1)HIMGIRI ENTERPRISES (P) LTD., AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956,** 3337-B, MAHINDRA PARK, RANI BAGH, DELHI-110034, (INDIA) | |
| **DATE OF REGISTRATION** | 12/06/2006 |
| **TITLE** | SWITCH BOARD |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 233618 |
| **CLASS** | 21-02 |
| **1)RAMSAUER, DIETER** MAX-KLEIN-STRASSE. 10, 58332 SCHWELM, GERMANY | |
| **DATE OF REGISTRATION** | 29/12/2010 |
| **TITLE** | GOLF PUTTER |

**PRIORITY**

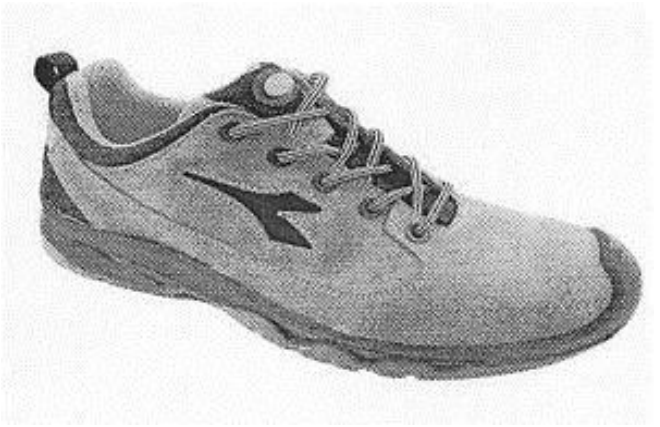
| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 001226153-0001 | 21/07/2010 | OHIM |



| | |
|---|---|
| **DESIGN NUMBER** | 269523 |
| **CLASS** | 02-04 |
| **1)DIADORA SPORT S.R.L. OF** VIA MONTELLO, 80, 31031 CAERANO DI SAN MARCO-ITALY | |
| **DATE OF REGISTRATION** | 11/02/2015 |
| **TITLE** | FOOTWEAR |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| DM/084 153 | 11/08/2014 | ITALY |



| | |
|---|---|
| **DESIGN NUMBER** | 270437 |
| **CLASS** | 12-08 |
| **1)AUDI AG, A JOINT STOCK COMPANY ESTABLISHED UNDER GERMAN LAW OF** AUTO-UNION-STR. 1, D-85045 INGOLSTADT, GERMANY | |
| **DATE OF REGISTRATION** | 19/03/2015 |
| **TITLE** | CAR |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 002543579-0001 | 23/09/2014 | OHIM |



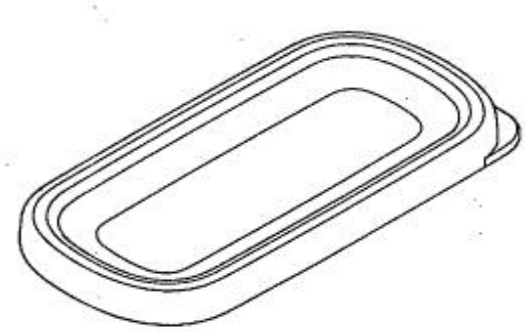
| | |
|---|---|
| **DESIGN NUMBER** | 270036 |
| **CLASS** | 06-01 |
| **1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF** BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA | |
| **DATE OF REGISTRATION** | 02/03/2015 |
| **TITLE** | FRONT SEAT OF A VEHICLE |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 268715 |
| **CLASS** | 07-02 |
| **1)DART INDUSTRIES INC. A COMPANY INCORPORATED UNDER THE LAWS OF THE U.S.A. HAVING ITS REGISTERED OFFICE AT** 14901 S. ORANGE BLOSSOM TRAIL ORLANDO, FLORIDA 32837, U.S.A. | |
| **DATE OF REGISTRATION** | 08/01/2015 |
| **TITLE** | STORAGE CONTAINER SEAL |

**PRIORITY**

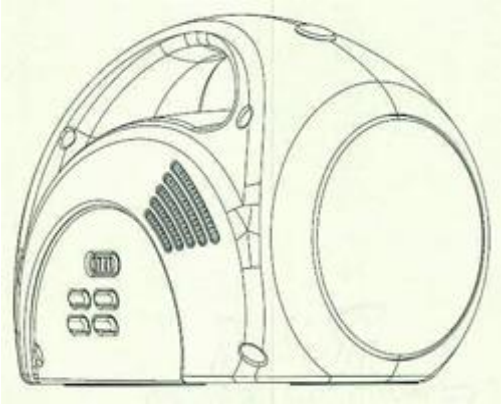
| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 29/496,896 | 18/07/2014 | U.S.A. |



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|---|---|
| **DESIGN NUMBER** | 270260 |
| **CLASS** | 26-02 |
| **1)BOXIN SOLAR CO., LTD., A COMPANY EXISTING UNDER THE LAWS OF CHINA,** NO. 4 INDUSTRY STREET, BAOZHU ROAD, SHAXI TOWN, ZHONGSHAN CITY, GUANGDONG PROVINCE, P.R. CHINA | |
| **DATE OF REGISTRATION** | 11/03/2015 |
| **TITLE** | PORTABLE LAMP |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| CN201430411610.1 | 27/10/2014 | CHINA |



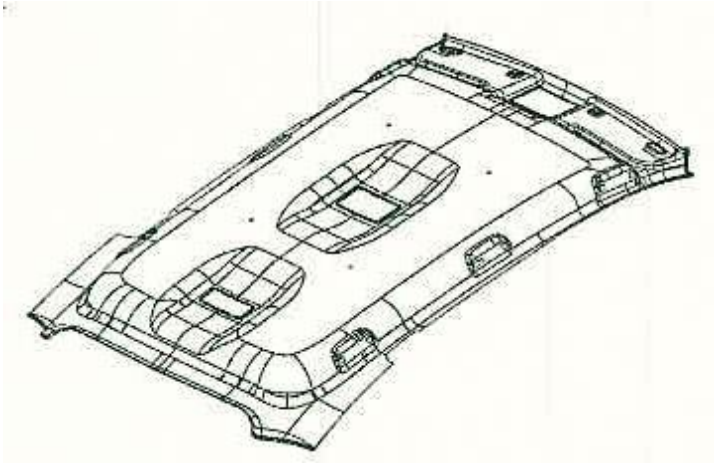
| | |
|---|---|
| **DESIGN NUMBER** | 272080 |
| **CLASS** | 07-01 |
| **1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT** A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA | |
| **DATE OF REGISTRATION** | 13/05/2015 |
| **TITLE** | CHEESE BOARD |
| **PRIORITY NA** | |



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|---|---|
| **DESIGN NUMBER** | 268808 |
| **CLASS** | 23-01 |
| **1)M/S BLUE MOUNT APPLIANCES PVT. LTD., (A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956) HAVING ITS OFFICE AT** B-96, PUSHPANJALI ENCLAVE, PITAM PURA, OUTER RING ROAD, NEW DELHI-110034, AN INDIAN COMPANY | |
| **DATE OF REGISTRATION** | 12/01/2015 |
| **TITLE** | WATER PURIFIER |
| **PRIORITY NA** | |



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|---|---|
| **DESIGN NUMBER** | 270014 |
| **CLASS** | 12-16 |
| **1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF** BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA | |
| **DATE OF REGISTRATION** | 02/03/2015 |
| **TITLE** | HEADLINER OF A VEHICLE |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 270289 |
| **CLASS** | 03-01 |
| **1)HIDESIGN INDIA PRIVATE LIMITED, (AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956), HAVING ITS OFFICE AT** 244/1 OTHIAMPET VILLAGE, VILLIANUR, PONDICHERRY-605110 | |
| **DATE OF REGISTRATION** | 11/03/2015 |
| **TITLE** | BAG |
| **PRIORITY NA** | |



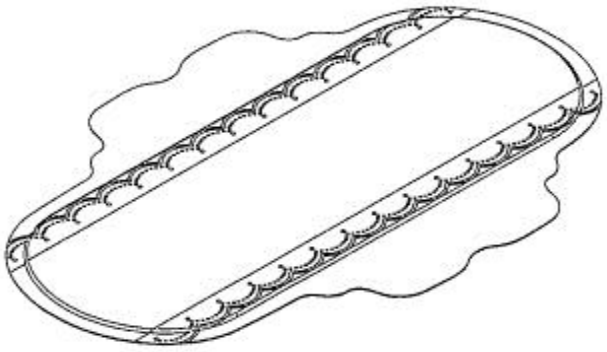
| | |
|---|---|
| **DESIGN NUMBER** | 264230 |
| **CLASS** | 24-01 |
| **1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH,** KRISHI BHAVAN, DR. RAJENDRA PRSAD ROAD, NEW DELHI-110001, INDIAN | |
| **DATE OF REGISTRATION** | 25/07/2014 |
| **TITLE** | FRACTURE FIXATION DEVICE FOR ANIMALS |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 272196 |
| **CLASS** | 02-04 |
| **1)LIBERTY SHOES LIMITED, AN INDIAN COMPANY,** OF LIBERTY PURAM, 13TH MILESTONE, GT KARNAL ROAD, KUTAIL, DT-KARNAL - 132001, HARYANA, INDIA | |
| **DATE OF REGISTRATION** | 18/05/2015 |
| **TITLE** | SHOE |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 271829 |
| **CLASS** | 24-04 |
| **1)THE PROCTER & GAMBLE COMPANY, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF UNITED STATES OF AMERICA, HAVING ITS REGISTERED OFFICE AT** ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OHIO - 45202, UNITED STATES OF AMERICA | |
| **DATE OF REGISTRATION** | 30/04/2015 |
| **TITLE** | SANITARY NAPKIN |



**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 29/507663 | 30/10/2014 | U.S.A. |

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|---|---|
| **DESIGN NUMBER** | 273754 |
| **CLASS** | 05-03 |
| **1)SABYASACHI COUTURE,** 86/C, JATIN DAS ROAD, KOLKATA-700029, WEST BENGAL, INDIA. AN INDIAN PARTNERSHIP CONCERN WHOSE PARTNERS ARE SABYASACHI MUKHERJEE AND SUKUMAR MUKHERJEE | |
| **DATE OF REGISTRATION** | 20/07/2015 |
| **TITLE** | EMBROIDERY |
| **PRIORITY NA** | |

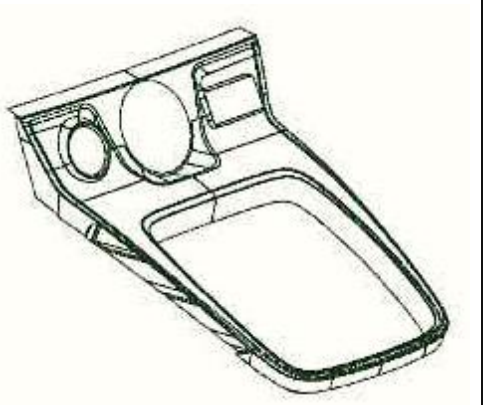


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|---|---|
| **DESIGN NUMBER** | 268846 |
| **CLASS** | 12-15 |
| **1)SUMITOMO RUBBER INDUSTRIES, LTD. A JAPANESE COMPANY OF THE ADDRESS:** 6-9, WAKINOHAMA-CHO 3-CHOME, CHUO-KU, KOBE-SHI, HYOGO 651-0072, JAPAN | |
| **DATE OF REGISTRATION** | 13/01/2015 |
| **TITLE** | TYRE |

**PRIORITY NA**



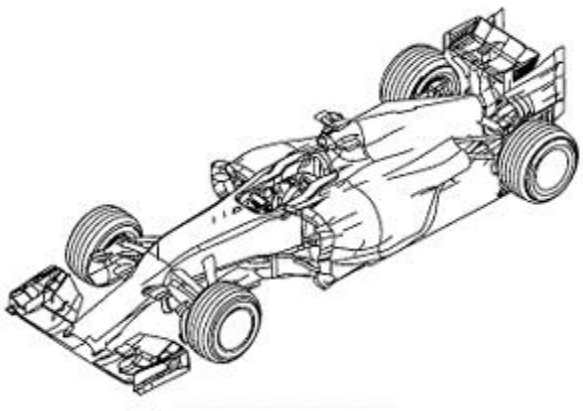
| | |
|---|---|
| **DESIGN NUMBER** | 270023 |
| **CLASS** | 12-16 |
| **1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF** BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA | |
| **DATE OF REGISTRATION** | 02/03/2015 |
| **TITLE** | ESP (ELECTRONIC STABILITY PROGRAM) BEZEL OF A VEHICLE |
| **PRIORITY NA** | |



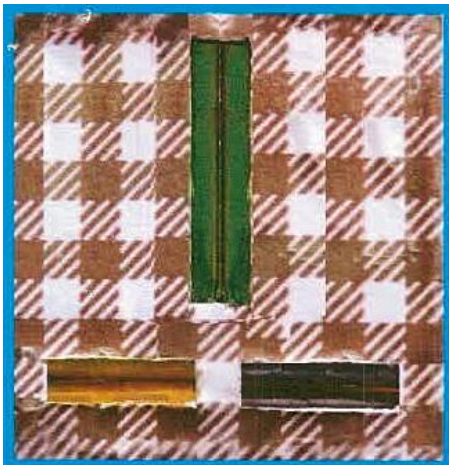
| | |
|---|---|
| **DESIGN NUMBER** | 263962 |
| **CLASS** | 21-01 |
| **1)FERRARI S.P.A., AN ITALIAN COMPANY OF** VIA EMILIA EST 1163, MODENA, ITALY | |
| **DATE OF REGISTRATION** | 10/07/2014 |
| **TITLE** | TOY CAR |

**PRIORITY**

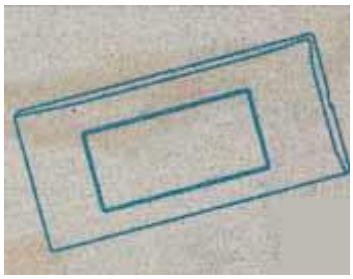
| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 001400436 | 22/01/2014 | OHIM |



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|---|---|
| **DESIGN NUMBER** | 272019 |
| **CLASS** | 13-03 |
| **1)GAURAB MOHAPATRA,** AT-TIKIRA, AGARPARA, P.O.-B.T. PUR, DIST-BHADRAK, STATE-ODISHA PIN-756115 | |
| **DATE OF REGISTRATION** | 11/05/2015 |
| **TITLE** | ELECTRIC SOCKET |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 204992 |
| **CLASS** | 13-03 |
| **1)LEON SHIN DONGA ELECTRICALS PVT. LTD.,** OWNERS INDUSTRIAL ESTATE, GABRIEL ROAD, MAHIM, MUMBAI-400016, STATE OF MAHARASHTRA, INDIA, A PRIVATE LIMITED COMPANY INCORPORATED UNDER INDIAN COMPANIES | |
| **DATE OF REGISTRATION** | 07/06/2006 |
| **TITLE** | COVER PLATE |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 270436 |
| **CLASS** | 12-08 |
| **1)AUDI AG, A JOINT STOCK COMPANY ESTABLISHED UNDER GERMAN LAW OF** AUTO-UNION-STR. 1, D-85045 INGOLSTADT, GERMANY | |
| **DATE OF REGISTRATION** | 19/03/2015 |
| **TITLE** | CAR |

**PRIORITY**

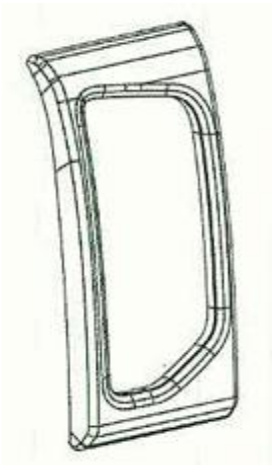
| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 002543561-0001 | 23/09/2014 | OHIM |



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|---|---|
| **DESIGN NUMBER** | 269289 |
| **CLASS** | 12-09 |
| **1)TRACTORS AND FARM EQUIPMENT LIMITED, COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, HAVING ITS REGISTERED OFFICE AT** NO. 861, ANNASALAI, CHENNAI-600002, TAMIL NADU, INDIA | |
| **DATE OF REGISTRATION** | 04/02/2015 |
| **TITLE** | TRACTOR |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 270035 |
| **CLASS** | 12-16 |
| **1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF** BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA | |
| **DATE OF REGISTRATION** | 02/03/2015 |
| **TITLE** | SIDE AIR VENT BEZEL OF A VEHICLE |
| **PRIORITY NA** | |



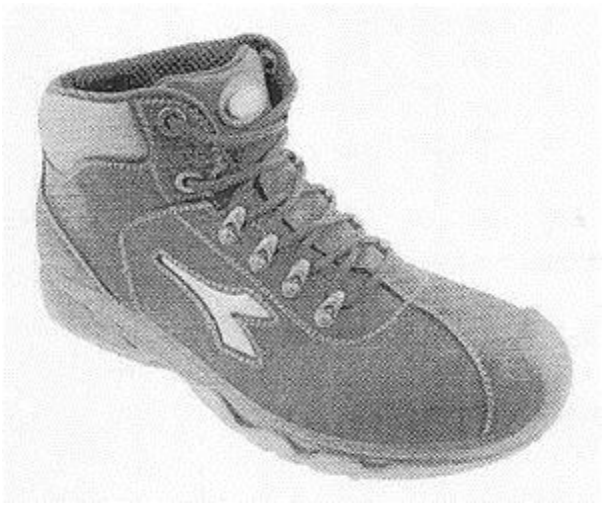
| | |
|---|---|
| **DESIGN NUMBER** | 273946 |
| **CLASS** | 28-03 |
| **1)IROS AGENCIES PVT. LTD.,** 1312/1311, GHANSHYAM ENCLAVE, NEW LINK ROAD, NR. LALJI PADA POLICE STATION, KANDIVALI WEST, MUMBAI-400067; AN INDIAN COMPANY | |
| **DATE OF REGISTRATION** | 28/07/2015 |
| **TITLE** | HAIR DRYER |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 227951 |
| **CLASS** | 07-07 |
| **1)RIDDHI ENTERPRISES** NARENDRA KUMAR KULASHARI WZ-417A, SECOND FLOOR, HARI NAGAR, NEW DELHI, INDIA | |
| **DATE OF REGISTRATION** | 19/03/2010 |
| **TITLE** | SEALING DEVICE FOR ZIP LOCK |
| **PRIORITY NA** | |



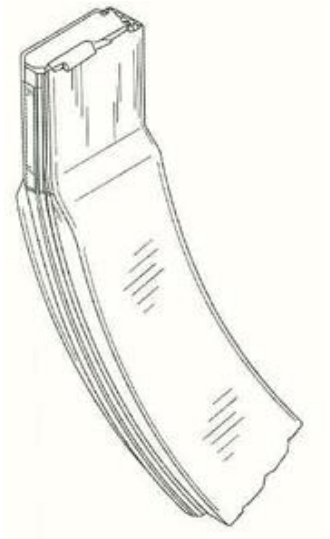
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|---|---|
| **DESIGN NUMBER** | 269525 |
| **CLASS** | 02-04 |
| **1)DIADORA SPORT S.R.L. OF** VIA MONTELLO, 80, 31031 CAERANO DI SAN MARCO-ITALY | |
| **DATE OF REGISTRATION** | 11/02/2015 |
| **TITLE** | FOOTWEAR |



**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| DM/084 153 | 11/08/2014 | ITALY |

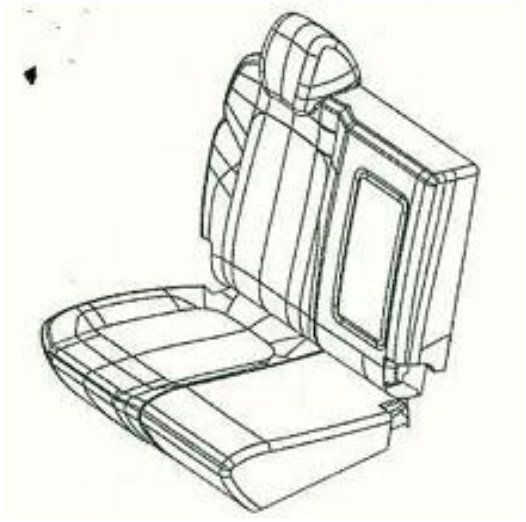
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|---|---|
| **DESIGN NUMBER** | 231563 |
| **CLASS** | 22-01 |
| **1)ARMWEST, LLC.,** 955 WEST ROSSER STREET, PRESCOTT, AZ 86305, U.S.A., | |
| **DATE OF REGISTRATION** | 21/09/2010 |
| **TITLE** | MAGAZINE FOR A FIREARM |



**PRIORITY**

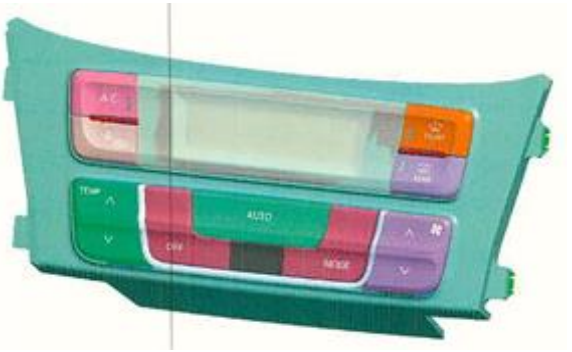
| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 29/358, 308 | 25/03/2010 | U.S.A. |

| | |
|---|---|
| **DESIGN NUMBER** | 270038 |
| **CLASS** | 06-01 |
| **1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF** BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA | |
| **DATE OF REGISTRATION** | 02/03/2015 |
| **TITLE** | SEAT OF A VEHICLE |



**PRIORITY NA**

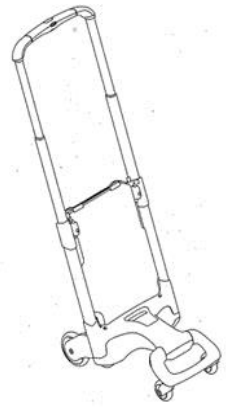
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|---|---|
| **DESIGN NUMBER** | 271397 |
| **CLASS** | 12-16 |
| **1)MINDARIKA PRIVATE LIMITED, AN INDIAN COMPANY OF** VILL. NAWADA FATEPUR, P.O. SIKANDERPUR BADDA, MANESAR, DISTT. GURGAON, HARYANA-122004, INDIA | |
| **DATE OF REGISTRATION** | 15/04/2015 |
| **TITLE** | AUTOMATIC CLIMATIC CONTROL SWITCH ASSEMBLY FOR VEHICLE |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 272029 |
| **CLASS** | 26-06 |
| **1)M/S. SONU AUTO ELECTRICALS,** C-5, D.S.I.D.C. ENGINEERING COMPLEX, MANGOL PURI INDUSTRIAL AREA, PHASE-I, DELHI-110083 AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS:- SH. SONU KOHLI AN INDIAN NATIONAL OF THE ABOVE ADDRESS | |
| **DATE OF REGISTRATION** | 11/05/2015 |
| **TITLE** | INDICATOR LIGHT FOR VEHICLES |
| **PRIORITY NA** | |



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|---|---|
| **DESIGN NUMBER** | 272401 |
| **CLASS** | 03-01 |
| **1)ROYALTY BUGABOO GMBH, A LIMITED LIABILITY COMPANY OF SWITZERLAND OF** SCHMIDGASSE 3, CH-6300 ZUG, SWITZERLAND | |
| **DATE OF REGISTRATION** | 28/05/2015 |
| **TITLE** | FRAME FOR SUITCASE |
| **PRIORITY NA** | |



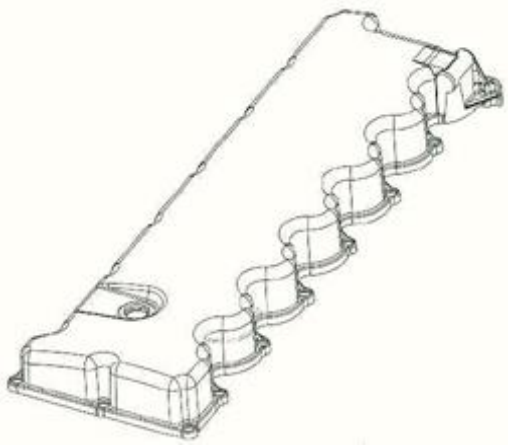
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|---|---|
| **DESIGN NUMBER** | 269527 |
| **CLASS** | 02-04 |
| **1)DIADORA SPORT S.R.L. OF** VIA MONTELLO, 80, 31031 CAERANO DI SAN MARCO-ITALY | |
| **DATE OF REGISTRATION** | 11/02/2015 |
| **TITLE** | FOOTWEAR |



**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| DM/084 153 | 11/08/2014 | ITALY |

| | |
|---|---|
| **DESIGN NUMBER** | 270458 |
| **CLASS** | 12-16 |
| **1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF BOMBAY HOUSE,** 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA | |
| **DATE OF REGISTRATION** | 20/03/2015 |
| **TITLE** | ENGINE CYLINDER HEAD COVER OF A VEHICLE |
| **PRIORITY NA** | |



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|---|---|
| **DESIGN NUMBER** | 270040 |
| **CLASS** | 06-01 |
| **1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF** BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA | |
| **DATE OF REGISTRATION** | 02/03/2015 |
| **TITLE** | SEAT OF A VEHICLE |
| **PRIORITY NA** | |



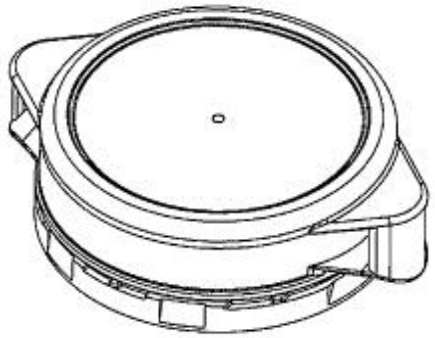
| | |
|---|---|
| **DESIGN NUMBER** | 269787 |
| **CLASS** | 08-06 |
| **1)RAMESHBHAI BABUBHAI RAMANI (INDIAN NATIONAL) HAVING PLACE OF BUSINESS AT-** PLOT NO. C-1B/259, AJI GIDC, ROAD R JAY OFFSET STREET, OPP: TURNOMECH ENGINEARG, RAJKOT-360003-GUJARAT-(INDIA) | |
| **DATE OF REGISTRATION** | 24/02/2015 |
| **TITLE** | HANDLE |
| **PRIORITY NA** | |



| | |
|---|---|
| **DESIGN NUMBER** | 272031 |
| **CLASS** | 09-07 |
| **1)TETRA LAVAL HOLDINGS & FINANCE S.A., A SWISS COMPANY** OF AVENUE GÉNÉRAL-GUISAN 70, CH-1009 PULLY, SWITZERLAND | |
| **DATE OF REGISTRATION** | 11/05/2015 |
| **TITLE** | LID FOR PACKAGING |

**PRIORITY**

| PRIORITY NUMBER | DATE | COUNTRY |
|---|---|---|
| 002584656 | 25/11/2014 | OHIM |



| | |
|---|---|
| **DESIGN NUMBER** | 272403 |
| **CLASS** | 15-03 |
| **1)S. GURTEJ SINGH, C/O. CHAANY AGRO INDUSTRIES (REGD.),** OF VILLAGE SIRYEWALA, TEHSIL PHUL, DIST. BATHINDA-151206 (P.B.), INDIA, INDIAN NATIONAL OF ABOVE ADDRESS | |
| **DATE OF REGISTRATION** | 28/05/2015 |
| **TITLE** | PADDY STRAW THRESHER |
| **PRIORITY NA** | |

