

पेटेंट कार्यालय
का
शासकीय जर्नल

**OFFICIAL JOURNAL
OF
THE PATENT OFFICE**

निर्गमन सं. 12/2013

शुक्रवार

दिनांक: 22/03/2013

ISSUE NO. 12/2013

FRIDAY

DATE: 22/03/2013

पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

(Chaitanya Prasad)

CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

22nd MARCH, 2013

CONTENTS

<i>SUBJECT</i>		<i>PAGE NUMBER</i>
JURISDICTION	:	6525 – 6526
SPECIAL NOTICE	:	6527 – 6528
EARLY PUBLICATION (DELHI)	:	6529 – 6538
EARLY PUBLICATION (MUMBAI)	:	6539 – 6541
EARLY PUBLICATION (CHENNAI)	:	6542 – 6566
EARLY PUBLICATION (KOLKATA)	:	6567 – 6569
PUBLICATION AFTER 18 MONTHS (DELHI)	:	6570 – 6603
PUBLICATION AFTER 18 MONTHS (MUMBAI)	:	6604 – 6623
PUBLICATION AFTER 18 MONTHS (CHENNAI)	:	6624 – 7023
PUBLICATION AFTER 18 MONTHS (KOLKATA)	:	7024 – 7140
PUBLICATION U/S 60 IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS (CHENNAI)	:	7141 – 7143
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (DELHI)	:	7144 – 7146
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (MUMBAI)	:	7147 – 7148
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (CHENNAI)	:	7149 – 7150
PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT (KOLKATA)	:	7151 – 7154
INTRODUCTION TO DESIGN PUBLICATION	:	7155
DESIGN CORRIGENDUM	:	7156
CANCELLATION PROCEEDINGS UNDER SECTION 19 OF THE DESIGNS ACT, 2000	:	7157
COPYRIGHT PUBLICATION	:	7158 – 7159
THE DESIGNS ACT 2000 SECTION 30 DESIGN ASSIGNMENT	:	7160
RESTORATION OF LAPSED DESIGNS UNDER SECTION 12 (2) OF THE DESIGNS ACT, 2000	:	7161 – 7163
REGISTRATION OF DESIGNS	:	7164 - 7207

**THE PATENT OFFICE
KOLKATA, 22/03/2013**

Address of the Patent Offices/Jurisdictions

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

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

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

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and The Patents (Amendment) Act, 2005 or by the Patents (Amendment) Rules, 2006 will be received only at the appropriate offices of the Patent Office.

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

पेटेंट कार्यालय
कोलकाता, दिनांक 22/03/2013
कार्यालयों के क्षेत्राधिकार के पते

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

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

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

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

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

SPECIAL NOTICE

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

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

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

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

SPECIAL NOTICE

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

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

SPECIAL NOTICE

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

Early Publication:

The following patent applications have been published under section 11A (2) of The Patents (Amendment) Act 2005 and rule 24A of The Patents (Amendment) Rules, 2006. Any person may file representation by way of opposition to the Controller of Patents at the appropriate office against the grant of the patent in the prescribed manner under section 25(1) of the Patents (Amendment) Act 2005 read with the rule 55 of The Patents (Amendment) Rules, 2006:

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1315/DEL/2009 A

(19) INDIA

(22) Date of filing of Application :25/06/2009

(43) Publication Date : 22/03/2013

(54) Title of the invention : COMBAT SUBMARINE BALLAST SYSTEM, ARMOR AND RESCUE ICE HULL

(51) International classification

:B63G

(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)ARUNABH SRIVASTAVA

Address of Applicant :133, IIND FLOOR, PKT. 8, SECTOR
24, ROHINI, NEW DELHI-85 India

(72)Name of Inventor :

1)ARUNABH SRIVASTAVA

(57) Abstract :

Water is virtually incompressible. As a result, the volume of a submerged body such as a submarine is constant (neglecting the compression of the hull due to pressure). Consequently, the buoyant force is a constant. Positive buoyancy occurs when the weight of the submarine is less than the buoyant force and causes the submarine to rise to the surface. Negative buoyancy occurs when the weight of the submarine is greater than the buoyant force and causes the submarine to sink. Neutral buoyancy refers to the condition where the weight of the submarine exactly matches the buoyant force, so that it neither floats to the surface, nor sinks to the bottom. True neutral buoyancy is impossible to obtain. Consequently, a submarine at rest will rise to the surface or sink to the bottom. Typically, the submarine would come to a stop on the surface, close all hatches and open the ballast tank valves. As the tanks filled with water, the submarine would slowly disappear from sight. Once submerged, the valves would be closed, but the submarine was already negatively buoyant and momentum was taking it deeper. As the hull gets compressed, the buoyant force decreases and the submarine starts to sink faster. Water would be pumped from the tanks, until the submarine gained sufficient buoyancy to arrest its descent. By this time, the submarine would be positively buoyant and it would begin to rise. As the submarine rose, the hull would expand, increasing the positive buoyancy and increasing the rate of ascent until the valves were opened and sufficient water was added to stop the ascent and start the cycle all over again. The only way to control depth was to keep the submarine moving and use horizontal rudders or dive planes.

No. of Pages : 30 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.213/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :28/01/2013

(43) Publication Date : 22/03/2013

(54) Title of the invention : BLAST FURNACE SLAG CONCRETE COMPOSITION

(51) International classification	:C04B7/14	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. VIJAY PAL SINGH
(32) Priority Date	:NA	Address of Applicant :ASSOCIATE PROFESSOR, CIVIL
(33) Name of priority country	:NA	ENGINEERING DEPARTMENT, NATIONAL INSTITUTE OF
(86) International Application No	:NA	TECHNOLOGY, KURUKSHETRA, HARYANA-136119 India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SUMINDER MEERWAL
(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 concrete compositions with improved characteristics, which contain blast furnace waste material as replacement of coarse aggregate and fine aggregate. The invention also relates to methods of producing the concrete compositions. In particular, the invention relates to a cement composition containing blast furnace slag all-in-aggregate particles, including coarse (20mm and 10mm) as well as fine aggregate (4. 75mm retained) and cement. The compositions provided exhibiting improved characteristics and are particularly useful for applications such as forming surfaces exposed to water like swimming pools, blocks underwater construction.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1584/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :23/05/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : AN APPARATUS AND A METHOD FOR CHECKING FLATNESS OF A CORE PLATE OR GROOVE DEPTH OF A FRICTION PLATE

(51) International classification	:G01B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Makino Auto Industries (P) Ltd.
(32) Priority Date	:NA	Address of Applicant :D-146-148 Sector 63 Noida 201 301
(33) Name of priority country	:NA	Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BHANDARI Ashok
(87) International Publication No	: NA	2)BHANDARI Rajat
(61) Patent of Addition to Application Number	:NA	3)BHANDARI Rishubh
Filing Date	:NA	4)SHARMA Sunil
(62) Divisional to Application Number	:NA	5)SHARMA Himanshu
Filing Date	:NA	6)BISHT Jyoti

(57) Abstract :

An apparatus for measuring flatness of a core plate is disclosed. The apparatus comprises of an arrangement for holding the core plate and an arrangement for measuring a variation in flatness of the core plate by directing a laser beam onto the core plate from a source of laser beam at a fixed level, such that the laser beam is directed at annular regions of the core plate. A longitudinal distance between the source of laser beam and the annular regions of the core plate is measured and checked with a predetermined range of acceptable longitudinal distance to determine the flatness of the core plate.

No. of Pages : 22 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.297/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : Automatic removal of Joint packing or O-ring from LPG Cylinder Valve.

(51) International classification	:B67C 3/32	(71) Name of Applicant :
(31) Priority Document No	:NA	1)KAREY LAL
(32) Priority Date	:NA	Address of Applicant :H.No. IB/2130, BAHADUR PURA,
(33) Name of priority country	:NA	MATHURA Uttar Pradesh India
(86) International Application No	:PCT//	2)MANOJ KUMAR PAL
Filing Date	:01/01/1900	(72) Name of Inventor :
(87) International Publication No	: NA	1)KAREY LAL
(61) Patent of Addition to Application Number	:NA	2)MANOJ KUMAR PAL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an automatic device for removal of joint packing or O-ring from LPG cylinder valve at high speed. The device is pneumatically operated and has a tool designed for safe and efficient extraction of Joint packing or O-ring from LPG cylinder valve. The mechanism designed for operation of tool is capable of working automatically at high speed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.398/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :12/02/2013

(43) Publication Date : 22/03/2013

(54) Title of the invention : M. ORYZAE POLYNUCLEOTIDE ASSOCIATED WITH BLAST RESISTANCE AND USES THEREOF

(51) International classification	:C12N
(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)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
Address of Applicant :Krishi Bhavan-1, Dr. Rajendra Prasad
Road, New Delhi 110001, India
(72)**Name of Inventor :**
1)RAY, Soham
2)SHARMA, Tilak Raj

(57) Abstract :

The present invention relates to the identification, cloning and characterization of AvrPi54 gene from Magnaporthe oryzae strain RML-29 that confers resistance to a blast disease. The present invention provides Magnaporthe oryzae polynucleotide, wherein expression of said isolated polynucleotide sequence in a transgenic plant increases blast disease resistance in the transgenic plant compared to an untransformed plant. The present invention further provides recombinant DNA expression cassette, DNA construct and recombinant host cell comprising the Magnaporthe oryzae polynucleotide. The present invention further provides transgenic plants, plant cell seed and progeny thereof overexpressing the polynucleotide isolated from Magnaporthe oryzae exhibiting increased resistance to blast disease.

No. of Pages : 53 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.344/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : HANDY PH DETECTOR

(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

(71)Name of Applicant :

1)ALOK KUMAR SARAN

Address of Applicant :13/998/1, GALI DARSAN SINGH,
HAWALDAR WALI, NEAR DURGA MANDIR, KHAIRPUR,
SIRSA 125055, Haryana India

(72)Name of Inventor :

1)ALOK KUMAR SARAN

2)DR. RANI DEVI

(57) Abstract :

The pH detector is small, lightweight, accurate and instant result. It has a clip, so it can be easily placed inside the pocket for easy. It is refillable and easy to use. There is no electronic circuit. So, there is no chance of power failure, leakage of battery or display errors. It can be used without the knowledge of handling of chemicals, instrument and glassware as no calibration is required for the accurate result.

No. of Pages : 3 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.367/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : REGENERATIVE PASSIVE AND SEMI-ACTIVE LEAF SPRING SUSPENSION SYSTEM

(51) International classification

:B60G

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)AMIT PURI

Address of Applicant :HIG FLAT NO. 834, PHASE-2,
MOHALI, PIN-160055. PUNJAB India

2)ANANT PURI

(72)Name of Inventor :

1)AMIT PURI

2)ANANT PURI

(57) Abstract :

The present innovation provides a regenerative suspension system based on leaf-springs suspension system. The suspension system is capable of being used as a regenerative component and as well as a Passive and Semi-Active suspension system. A regenerative suspension system generally includes at least one regenerative damper, a suspension control module, power electronics, an electric switch and a battery. The at least one damper converts mechanical vibration energy within a vehicle into a voltage, which the damper passes to the suspension control module. The module exploits the energy generated from the travel of the leaf spring. In response to measuring the voltage input from the regenerative damper, the control module changes the electric switch setting for each regenerative damper between an open circuit, a closed circuit with resistance and a closed circuit with battery charging connection. Additionally, the control module can adjust the switch level and resistance to provide desired variable damping with each regenerative damper.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.547/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :26/02/2013

(43) Publication Date : 22/03/2013

(54) Title of the invention : INTEGRATED THROUGH BORE DIRECT COUPLED LOW VOLUME HPLC GUARD AND PREPARATIVE COLUMNS UNIT

(51) International classification	:B01D,B23P	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. IMRAN ALI
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF CHEMISTRY
(33) Name of priority country	:NA	JAMIA MILLA ISLAMIA (CENTRAL UNIVERSITY) NEW
(86) International Application No	:NA	DELHI - 110025, INDIA
Filing Date	:NA	2)DR. NARENDRA KUMAR TALLURI
(87) International Publication No	: NA	3)DR. VINAY D. GAITONDE
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. IMRAN ALI
(62) Divisional to Application Number	:NA	2)VIJAY D. GAITONDE
Filing Date	:NA	3)DR. M.V. NARENDRA KUMAR TALLURI

(57) Abstract :

A specific design of Integrated direct coupled HPLC guard and preparative columns is developed. The guard column is connected to the main preparative column without any tubing. This arrangement provides safe guard against band broadening and dilution of the sample. The sample mass flow traverses through the guard column (removing the unwanted interference) to the main preparative column. A special type of distribution plate is designed and developed. This plate is inserted/sandwiched between the guard column outlet and main preparative column inlet. This inserted/sandwiched plate distributes the ultrafiltered clean sample uniformly across the full circumference starting from the inlet to the out let of preparative column. This leads to the symmetrical elution profiles. Besides, the distribution plate has low dead volume preventing the sample dilution and dispersion. Briefly, the proposed integrated through bore Guard-Preparative HPLC column hardware ensures higher separation efficiency with minimal dilution along with longer column life.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.555/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :27/02/2013

(43) Publication Date : 22/03/2013

(54) Title of the invention : VEHICLE TO HOME (V2H) BACKUP POWER SYSTEM DURING LOAD SHEDDING

(51) International classification

:H02J

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)DR. MOHAMMAD SAAD ALAM

Address of Applicant :4/704, ZOHRA BAGH, DODHPUR,
ALIGARH-202002, Uttar Pradesh India

(72)Name of Inventor :

1)DR. MOHAMMAD SAAD ALAM

(57) Abstract :

This invention relates to the methods and systems for the back-up or standby power sources using electric vehicle to home (V2H) strategy operated through a control switch panel and vehicle mounted inverter and battery bank for energy storage and/or renewable energy source for the sake of the reliability and availability of backup power for essential residential load which is also economical and environmentally friendly.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.642/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : A SMALL CHAPERONE

(51) International classification	:C07K
(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)INDIAN INSTITUTE OF TECHNOLOGY DELHI
Address of Applicant :INDIAN INSTITUTE OF
TECHNOLOGY DELHI, HAUZ KHAS, NEW DELHI - 110016
India
(72)**Name of Inventor :**
1)KUNDU, Bishwajit
2)TOMAR, Rachana

(57) Abstract :

The present invention relates to a novel protein exhibiting chaperoning activity. The invention also provides a method for producing and purifying the novel protein for its application in preventing irreversible aggregation or increasing solubility of protein samples that are susceptible to form inclusion bodies. The novel protein is also useful in inhibiting amyloidogenesis.

No. of Pages : 35 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.781/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : ROTATABLE BETEL NUT CUTTER WITH INDEXABLE CUTTING INSERTS.

(51) International classification	:A23N15/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SATTARBHAI SHAKURBHAI METAR
(32) Priority Date	:NA	Address of Applicant :OPP. TOWER,INSIDE HANUMAN
(33) Name of priority country	:NA	GALI, AMRELI NEW 365 601, GUJARAT,INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SATTARBHAI SHAKURBHAI METAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention to provide a new and improved shell cutter having an improved cutting assembly comprising a cartridge member fixed as one piece such as by brazing or the like to the cutter housing, a seat removable, secured to the cartridge, a cutting insert removable secured to the seat, and a clamp for holding the cutting insert to the seat and both of these elements to the cartridge.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.80/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :10/01/2013

(43) Publication Date : 22/03/2013

(54) Title of the invention : RFM Asset Pricing Model for Investments.

(51) International classification	:G06Q40/04, GO6F17/60	(71)Name of Applicant : 1)Nilanjana Chakraborty
(31) Priority Document No	:NA	Address of Applicant :#101, Foram Apartment, Drive In Road
(32) Priority Date	:NA	Ahmedabad Mail to: C/o Abhijit Chakraborty Dept of A&A,
(33) Name of priority country	:NA	P.R.L., Navrangpura, Ahmedabad-9. Gujarat India
(86) International Application No	:PCT//	(72)Name of Inventor :
Filing Date	:01/01/1900	1)Nilanjana Chakraborty
(87) 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 :

Asset prices are linear polynomials of four basic factors - asset volumes, index price, index volume and time and hence their returns are rational functions and do not add linearly in a portfolio, especially when the returns are averaged out over multiple time intervals. However, for time series data observed on single time interval basis, returns may be treated as approximately linear and modeled directly through multiple regression using the four basic variables mentioned above. As a result the returns obtained from this Rational Function Model (RFM) are more accurate than those obtained from the existing models.

No. of Pages : 54 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.45/MUM/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : A NOVEL COMPOSITION OF HIGHLY NUTRITIVE ELEMENTS.

(51) International classification	:A01D 46/00,	(71)Name of Applicant : 1)DR. JANKI NIMISH PATEL
(31) Priority Document No	:NA	Address of Applicant :5, SUDARSHAN BANGLOW,
(32) Priority Date	:NA	JUDGES BUNGLOW ROAD VASTRAPUR, AHMEDABAD
(33) Name of priority country	:NA	380025 GUJARAT STATE, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. JANKI NIMISH PATEL
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2314/CHE/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : NOVEL SOLVATES OF DARUNAVIR

(51) International classification	:A61K31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AUROBINDO PHARMA LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO.2, MAITRIVIHAR,
(33) Name of priority country	:NA	AMEERPET, YDERABAD - 500 038 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ANAND GOPALKRISHNA KAMAT
(87) International Publication No	: NA	2)KOILPILLAI JOSEPH PRABAHAR
(61) Patent of Addition to Application Number	:NA	3)MEENAKSHISUNDERAM SIVAKUMARAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Novel solvates of Darunavir, wherein the solvate is a glycol or glycol ether.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.276/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :21/01/2013

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING UNINTERRUPTED BROADCAST CONTENT PROVISIONING

(51) International classification	:H04H, H04N	(71) Name of Applicant : 1)WIPRO LIMITED
(31) Priority Document No	:NA	Address of Applicant :Doddakannelli, Sarjapur Road,
(32) Priority Date	:NA	Bangalore 560035, Karnataka, India.
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)Rajith Raman Pillai Indusekharan Nair
Filing Date	:NA	2)Ajin Alias Mammoottil
(87) International Publication No	: NA	3)Sreeraj Sreekumar Menon
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for uninterrupted broadcast content provisioning is disclosed. The method and system includes receiving one or more transport streams corresponding to one or more broadcast programs. The one or more transport streams may be transmitted using one or more of a satellite medium, a cable medium, and a terrestrial medium. One or more of the one or more received broadcast programs are then monitored using one or more hardware processor to detect an interruption in reception of the one or more of the one or more broadcast programs. On detecting an interruption, the one or more of the one or more broadcast programs are rendered automatically from one or more standby sources from the point of interruption of the one or more of the one or more broadcast programs.

No. of Pages : 28 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.341/CHE/2013 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHODS AND SYSTEMS FOR SPEED CALIBRATION IN SPECTRAL IMAGING SYSTEMS

(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)WIPRO LIMITED

Address of Applicant :Doddakannelli, Sarjapur Road,
Bangalore 560035, Karnataka, India.

(72)Name of Inventor :

1)Upendra Suddamalla

2)Anandaraj Thangappan

(57) Abstract :

This disclosure generally relates to spectral imaging and, more particularly, to methods and systems for speed calibration in spectral imaging systems. In one embodiment, a spectral imaging system is disclosed, comprising: an imaging sensor configured to acquire image data for an imaged object; a multi-band wavelength filter disposed to filter light detected by the imaging sensor; and a motion stage configured to cause relative motion between the imaged object and the multi-band wavelength filter at a motion rate that is based on a frame rate of the imaging sensor and a number of wavelength bands of the wavelength filter utilized to filter light detected by the imaging sensor; wherein the motion rate is set such that light detected by the imaging sensor corresponding to a portion of the imaged object is filtered by successive wavelength bands of the wavelength filter for successive frames capturing the portion of the imaged object.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.345/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :25/01/2013

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHODS FOR IDENTIFYING UNIQUE ENTITIES ACROSS DATA SOURCES AND DEVICES THEREOF

(51) International classification

:G06F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)WIPRO LIMITED

Address of Applicant :Doddakannelli, Sarjapur Road,
Bangalore 560035, Karnataka, India.

(72)Name of Inventor :

1)Akbar Ladak

2)Abhishek Shivkumar

3)Harish Vijendran

(57) Abstract :

A method, non-transitory computer readable medium, and data manager computing device comprises obtaining a plurality of entity profiles from one or more sources. The obtained plurality of entities are transformed to one or more standard formats. Further, the related and unrelated entity profiles are determined based on a comparison of the transformed entity profiles against each other and the determined related and unrelated entity profiles are provided.

No. of Pages : 28 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4007/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : A NEW AND IMPROVED DEVICE FOR SHELLING RAW CASHEW NUTS

(51) International classification	:A23N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MILESTONE SPECIALITY EQUIPMENT PVT LTD
(32) Priority Date	:NA	Address of Applicant :21 A SECOND STREET,
(33) Name of priority country	:NA	THIRUMAGAL NAGAR, SELAIYUR, CHENNAI - 600 073
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)J B MIRANDA
(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 new and improved cashew nut shelling device that facilitates the effective removal of shells of different grade sizes of cashew nuts comprises a means for feeding the nuts one at a time without any additional control devices, a means for transferring, aligning and pushing the feed nuts onto a positioning plate, a set of shafts, a means for guiding and controlling said shafts, a pair of cutting blades, a means for controlling the gap between the cutting blades based on the size of the cashew nut , a means for driving said cutting blades for piercing the outer shell of the raw nut, a means for flipping the blade to release the edible kernel and a means for actuating the blades in synchronism with the feed.

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3109/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :30/07/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : A REAL TIME CHARGING MECHANISM TO DELIVER ON DEMAND TELECOMMUNICATION SERVICES

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Balaga Sekhar Rao
(32) Priority Date	:NA	Address of Applicant :Bysani Skywaves Flat No. 104
(33) Name of priority country	:NA	Jayanagar 1st Block Mountain Street Road Near Madhavan
(86) International Application No	:NA	Park Bangalore Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Balaga Sekhar Rao
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The method and system for charging a user in real time to deliver On demand telecommunication services is disclosed. The method provides premium services like voice message services content services and so on to the subscribers on their request and deducts an appropriate amount of charge instantly before providing the service. The method of deducting the charge and providing the requested service to the user happens while the call is still connected. The method of charging is applicable in either same network or in a different network that provides the premium services. Further the method in the disclosed invention resides on a server that controls the charge deduction through any suitable network protocols. The charging server acts as a central entity where a group of merchants content providers value added service providers are connected to it and delivers services to the user depending on their requirement.

No. of Pages : 51 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.343/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :25/01/2013

(43) Publication Date : 22/03/2013

(54) Title of the invention : A METHOD AND A SYSTEM FOR CENTRALIZED BUILDING MANAGEMENT

(51) International classification	:G08C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PRASAD PARASURAMAN
(32) Priority Date	:NA	Address of Applicant :2C-720, I BLOCK, HRBR LAYOUT,
(33) Name of priority country	:NA	BANGALORE- 560043, KARNATAKA India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PRASAD PARASURAMAN
(87) 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 provides a method for centralized building management comprising Identifying at least one device connected to a location in the building ; connecting each of the identified devices to a module proximal to the devices; and coupling a plurality of modules to a control panel for centralized monitoring. The invention also provides for a system for centralized building management system comprising means for identifying at least one device connected to a location; means for locally connecting the identified devices to a location indicator module; and means for centrally monitoring the location indicator modules connected at each of the location through a control panel.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4332/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : TWIN BRUSH FLOOR SWEEPING MACHINE

(51) International classification	:A47L	(71) Name of Applicant :
(31) Priority Document No	:NA	1)K. RAMASAMY
(32) Priority Date	:NA	Address of Applicant :RKG INDUSTRIAL ESTATE,
(33) Name of priority country	:NA	GANAPATHY, COIMBATORE - 641 006 Tamil Nadu India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)K. RAMASAMY
(87) 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 ride on floor sweeping machine where the sweeping action is done by one rotating cylindrical adjustable forward throw brush also called the main brush having contact with the floor surface and assisted by one rotating cylindrical, non-adjustable overhead throw brush also called the assist brush, which does not have physical contact with the floor under normal circumstances.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.4181/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :02/12/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : A SYSTEM TO REDUCE ORGANIC LOAD OF THE WASTEWATER TREATMENT PLANTS

(51) International classification	:C02F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ARAKKAL PRAVEEN
(32) Priority Date	:NA	Address of Applicant :Department of Civil Engineering Rajiv
(33) Name of priority country	:NA	Gandhi Institute of Technology Velloor (P.O.) Kottayam- 686
(86) International Application No	:NA	501 Kerala India
Filing Date	:NA	2)VIVEK PHILIP
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)ARAKKAL PRAVEEN
Filing Date	:NA	2)VIVEK PHILIP
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a wastewater treatment system which eases the organic load of waste water treatment plants. This can be accomplished by placing array of paddles/attachments in the conduits carrying the wastewater in order to undertake bio-conversion of dissolved organic matter present in the flowing wastewater.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.5117/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :07/12/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : MICROBIAL COMPOSITION AND METHOD FOR ACCELERATED COMPOSTING OF SUGARCANE PRESSMUD

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Swayambhu Biologics Private Limited
(32) Priority Date	:NA	Address of Applicant :Swayambhu Biologics Private Limited
(33) Name of priority country	:NA	(IITMs RTBI Incubatee) C/o TENET office ESB #331
(86) International Application No	:NA	Department of Electrical Engineering IIT Madras Campus
Filing Date	:NA	Guindy Chennai -600036. Karnataka India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Balaji Rajagopal
Filing Date	:NA	2)Rekha Rajesh
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for composting pressmud and a microbial composition for composting pressmud is disclosed. Composting of organic waste such as pressmud is a long process which generally takes several days. The disclosed invention provides a method and microbial composition that accelerates composting of pressmud. It further provides an effective eco-friendly compost with desirable pH and C/N ratio prepared using the disclosed method and microbial composition.

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.446/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :01/02/2013

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHODS FOR CREATING AND PROVIDING A VIRTUAL ENVIRONMENT AND DEVICES THEREOF

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WIPRO LIMITED
(32) Priority Date	:NA	Address of Applicant :Doddakannelli, Sarjapur Road,
(33) Name of priority country	:NA	Bangalore 560035, Karnataka, India.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SRIRAMAN KANDHADAI RAGHUNATHAN
(87) International Publication No	: NA	2)GIRIDHARA MADAKASHIRA PADMANABHA RAO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method, non-transitory computer readable medium, and an environment manager computing device comprises receiving at least one selection of one or more environments from a client computing device. An environment definition document associated with the selected one or more environments are obtained. Next, a virtual environment for the selected one or more environments is created based on the obtained environment definition document. Finally, the created virtual environment is provided to the requesting client computing device.

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

(54) Title of the invention : IN VITRO PHARMACOKINETIC ANALYZER: ONE COMPARTMENT OPEN MODEL FOR INTRAVENOUS ADMINISTRATION

(51) International classification	:G01N33/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KALLUPARAMPIL JOSEPH DILEEP
(32) Priority Date	:NA	Address of Applicant :KEERTHANAM, TC 14/667(2),
(33) Name of priority country	:NA	POTHUJANAM LANE, KUMARAPURAM, MEDICAL
(86) International Application No	:NA	COLLEGE, THIRUVANANTHAPURAM - 695 011 Kerala India
Filing Date	:NA	2)KANNISSERY PRAMOD
(87) International Publication No	: NA	3)JOSE JOMY
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DILEEP KALLUPARAMPIL JOSEPH
(62) Divisional to Application Number	:NA	2)PRAMOD KANNISSERY
Filing Date	:NA	3)JOSE JOMY

(57) Abstract :

An in vitro Pharmacokinetic analyzing apparatus for in vitro pharmacokinetic evaluation of drugs and pharmaceuticals following one compartment open model and prediction of their in vivo pharmacokinetic behavior after intravenous administration is provided. The apparatus comprising of two modules namely a systemic module and an elimination module, each thereof connected with fluid circulation tubings. The tubes are connected through variable speed peristaltic pumps to regulate the flow rate of fluids. The systemic module comprised of a systemic fluid vessel with a lid, systemic fluid which can be water, buffer solution, serum, plasma or whole blood. It also comprises of a variable speed peristaltic pump, and fluid connecting tubings through which systemic fluid is circulated continuously through the connecting tubings and elimination module to effect drug excretion. An injection portal is provided in the systemic fluid inlet tube just above the systemic fluid vessel. Sampling ports are provided with at the systemic fluid vessel as well as at entry and exit points of systemic fluid in drug diffusion unit from which samples are collected for analysis. A magnetic stirrer is used to ensure homogenous mixing of systemic fluid. The elimination module comprised of a drug diffusion unit through inner capillaries of which systemic fluid is circulated continuously while water/buffer solution from a reservoir is pumped through the outer compartment to effect drug diffusion and elimination. The fluid outlet from the outer compartment is collected in a collection vessel. Samples of fluid can be collected from the collecting vessel for analysis. An in vitro systemic fluid concentration - time profile similar to that of invivo blood, plasma or serum concentration -time profile can be generated from drug concentration analysis of systemic fluid samples collected at predetermined time intervals after administration of drug or pharmaceutical formulation through the injection portal. From the data all relevant pharmacokinetic parameters related to intravenous bolus single dose and multiple doses, intravenous infusion alone or with loading dose administrations can be calculated. Calculation of all pharmacokinetic parameters are also possible from the data generated from analysis of samples collected from the collection vessel at different time intervals which simulates urine sample analysis. Results obtained from these data can be used for prediction of invivo performance, bioavailability and bioequivalence studies.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.610/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :20/02/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : REGENERATIVE PERPETUAL AUTOMOTIVE VEHICLE (RPAV)

(51) International classification	:G09D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VISHNUPRIYA MOHANDAS
(32) Priority Date	:NA	Address of Applicant :NO.919 4TH BLOCK, J.J. NAGAR
(33) Name of priority country	:NA	WEST, CHENNAI - 600 037 Tamil Nadu India
(86) International Application No	:NA	2)ARISTO MATHIVANAN
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VISHNUPRIYA MOHANDAS
(61) Patent of Addition to Application Number	:NA	2)ARISTO MATHIVANAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The Regenerative Perpetual Automotive Vehicle (RPAV) includes a pneumatic source, that stores and supplies pneumatic energy, an electric source that stores and supplies electric energy, a hydraulic source that stores and supplies hydraulic energy, a solar energy to electric energy converter, a pneumatic energy to mechanical energy convertor that drives the vehicle at lower speeds when activated, an electric energy to mechanical energy converter that drives the vehicle at lower speeds when activated, a hydraulic energy to mechanical energy converter that drives the vehicle at higher speeds and a wind energy to pneumatic energy converter that increases the volume of compressed air stored in the vehicle. At lower speeds, the electric drive-train drives the vehicle until the air storage system is fully refilled. Once the air storage system is fully refilled, the control automatically changes to pneumatic drive-train. For higher speeds, the transmission automatically shifts to the hydraulic drive-train.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.767/CHE/2013 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : APPLICATION PLATFORM, METHOD AND SYSTEM FOR ASSISTING USERS IN EMERGENCY SITUATIONS

(51) International classification	:H04M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ANIL. BONDADA
(32) Priority Date	:NA	Address of Applicant :F2, SURYA CENTRAL, OPP
(33) Name of priority country	:NA	ANDHRA BANK, NEAR CAKE CASTLE,
(86) International Application No	:NA	PRAGATHINAGAR, KUKATPALLY Andhra Pradesh India
Filing Date	:NA	2)NILKESH JAIN
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)ANIL. BONDADA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for assisting users in emergency situation is disclosed. The disclosure includes an application platform configured in a handheld unit of user activated by a simultaneous usage of a button of the handheld unit and verbalizing a word conveying necessity for an aid in an emergency situation by the user. The application platform further comprises of a decoder unit configured in the handheld unit to decode the word to text by correlating with a group of words stored in one or more data sources, a search unit configured in the handheld unit to dynamically initiate a search of one or more contact numbers and retrieve a predetermined set of recipient contact numbers and a dynamic dialing unit for dialing a contact number of an authorized rescue department on receiving a message from recipient contact number for which an emergency alert notification is transmitted.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.880/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :28/02/2013

(43) Publication Date : 22/03/2013

(54) Title of the invention : ELECTRO-MAGNETIC VEHICULAR ENGINE

(51) International classification

:f03b

(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)G. SIVASUBRAMANIAN

Address of Applicant :L:249, R.M. COLONY, DINDIGUL -
624 001 Tamil Nadu India

(72)Name of Inventor :

1)G. SIVASUBRAMANIAN

(57) Abstract :

A method of operating a conventional combustion engine into an electromagnetic engine without the requirements of fuel by utilising the magnetic properties comprising the steps of converting the piston assembly mounted on the crank shaft of the vehicle into a permanent magnet comprising magnetic properties and magnetic poles by the fixing of a natural magnet to the said piston, disposing of a coil of electricity conducting medium to the wrought iron of the top cover of the vehicle engine positioned vertically above the said piston, periodically supplying the electrical power to the said electricity conducting coil by a battery source, converting the said wrought iron of the top cover of the vehicle engine into an electro magnet with similar polarity of the magnetic piston, producing a mutual repulsion force that pushes the said magnetic piston downwards with their respective cylinder, periodically arresting the supply of the electricity to the said electricity conducting coil and eventually preventing the said wrought iron of the top cover of the vehicle engine into an electromagnet, pushing the said magnetic piston upwards toward the said wrought iron of the top cover of the vehicle engine. Then repeating the steps of periodically supplying the electrical power to the said electricity conducting coil by a battery source to converting the said wrought iron of the top cover of the vehicle engine into an electro magnet with similar polarity of the magnetic piston, producing a mutual repulsion force that pushes the said magnetic piston downwards with their respective cylinder, periodically arresting the supply of the electricity to the said electricity conducting coil and eventually preventing the said wrought iron of the top cover of the vehicle engine into an electromagnet and finally pushing the said magnetic piston upwards toward the said wrought iron of the top cover of the vehicle engine for reproducing the same movement of a combustion engine that will be transmitted to wheels of the vehicle for conventional movement. Thus a two stroke engine piston movement with one of magnetic repulsion with the downward movement of the piston and another neutral with the upward movement of the piston is established for the operation of the engine without the use of the fuels.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.910/CHE/2013 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : INBUILT STARTING SYSTEM FOR RAMJET ENGINE

(51) International classification	:f02k	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BALAJI. D
(32) Priority Date	:NA	Address of Applicant :NO. 4/34, NARASINGAPURAM, 3RD
(33) Name of priority country	:NA	STREET, MADUVINKARAI, GUINDY 600 032 Tamil Nadu
(86) International Application No	:NA	2)PREETHAM. P
Filing Date	:NA	3)KEVIN PINTO. J
(87) International Publication No	: NA	4)PRASANTH. V
(61) Patent of Addition to Application Number	:NA	5)PRASAD. M
Filing Date	:NA	6)DINESH KUMAR. G
(62) Divisional to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BALAJI. D
		2)PREETHAM. P
		3)KEVIN PINTO. J
		4)PRASANTH. V
		5)PRASAD. M
		6)DINESH KUMAR, G.

(57) Abstract :

Ram jet is a jet engine which can commence working only when the ram pressure is reached. So we have worked on the static position by introducing a Propeller which extends from the spike of ram and retracts after the desirable speed is reached for the Ramjet to take over the operation.

No. of Pages : 9 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.946/CHE/2013 A

(43) Publication Date : 22/03/2013

(54) Title of the invention : FOUNTAIN PEN-INK PUMP

(51) International classification

:b43k

(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)CHADIVE RAJA REDDY

Address of Applicant :25-2-490, SRI SARADA VIHAR,
CHAITHANYA PURI, A.K. NAGAR, NELLORE - 524 004
Andhra Pradesh India

(72)Name of Inventor :

1)CHADIVE RAJA REDDY

(57) Abstract :

Key Words: - fountain pen - Ink filling device - effective, efficient and cheap. This device consists of a narrow semi-rigid plastic tube, open at one end that enters into the ink in the ink-bottle and the other end, attached to a bit of wider tube which ends with flexible and firmly gripping band and a chord narrow tube with a bulb or small pump attached at the junction of the two. The fountain pen without cap is held vertically and inserted into the wider tube until the band firmly grips the middle of the screw. Open end of the narrow tube is put in to the ink, the bulb is slowly pressed forcing the air to go out and then slowly released, when the ink rises up and drops into the fountain pen. After filling, the fountain pen is raised and inverted to vertical position, when the remaining ink goes into bottle. The fountain pen is removed from the device and capped. No skill. No spilling.

No. of Pages : 5 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.945/CHE/2013 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : BREEZE AIR COOLER

(51) International classification

:f24f

(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)CHADIVE RAJA REDDY

Address of Applicant :25-2-490, SRI SARADA VIHAR,

CHAITHANYA PURI, A.K. NAGAR, NELLORE - 524 004

Andhra Pradesh India

(72)Name of Inventor :

1)CHADIVE RAJA REDDY

(57) Abstract :

Key Words: - Cool, Comfortable Air Trays, specially designed by cutting small bit at one end along its width and bending it perpendicular end attached to the walls, so that this acts as weir keeping thin layer of water in tray, are stacked one over the other in opposite directions with respect opening and placed on a wider tub, that holds a small tube at one end and exhaust fan fixed at opposite end. Water from small reservoir flows into the top tray and then to the bottom in to and fro motion in the other trays and finally falls into the small tub. Pump controlled by automatic switch pumps water from this tub to the reservoir, that supplies water to the top tray When the fan is started, air is drawn over the water surface of all the trays in sequence and the cool air flows out at the bottom of the unit, continues operation will increase the cooling due to cumulative effect.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.947/CHE/2013 A

(43) Publication Date : 22/03/2013

(54) Title of the invention : POPULAR URINAL

(51) International classification

:e03d

(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)CHADIVE RAJA REDDY

Address of Applicant :25-2-490, SRI SARADA VIHAR,
CHAITHANYA PURI, A.K. NAGAR, NELLORE - 524 004
Andhra Pradesh India

(72)Name of Inventor :

1)CHADIVE RAJA REDDY

(57) Abstract :

Key Words: - Urinal Hygienic, cheap. This urinal consists of bottom vessel with front edge suitably curved and rounded, so that people can stand before it and pass urine, with a back plate to fix it to wall, with drain fixed at the middle of bottom ending with an inverted IT shaped tube, open end is a little above bottom, acts as siphon and with two water inlets. One, with a tap just outside, enters the urinal above the bend of siphon and another containing float valve, enters as narrow pipe, just below the open end of siphon. Water flows through the narrow pipe until the level rises to lower than bottom of bend of siphon, when the float valve stops the flow. Urine is passes tap is opened till siphon action starts then closed. Liquid drain out quickly. Fresh water enters through bottom pipe and the flow is controlled by the float valve which controls the level. No wastage of water. No odour.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.965/CHE/2013 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : DRUG VENDING MACHINE USING HEALTH SMART CARDS FOR ADVANCED HEALTHCARE MANAGEMENT

(51) International classification	:g07f, a61j	(71)Name of Applicant : 1)NARRENDAR.R.C.
(31) Priority Document No	:NA	Address of Applicant :NO: 16, 17 PONJOTHI NAGAR,
(32) Priority Date	:NA	VELISEMMANDALAM, CUDDALORE (DISTRICT) - 607 001
(33) Name of priority country	:NA	Tamil Nadu India
(86) International Application No	:NA	2)GUNDA VENKAT ANURAAG
Filing Date	:NA	3)PREETHIKA IMMACULATE BRITTO
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)NARRENDAR.R.C.
Filing Date	:NA	2)GUNDA VENKAT ANURAAG
(62) Divisional to Application Number	:NA	3)PREETHIKA IMMACULATE BRITTO
Filing Date	:NA	

(57) Abstract :

The aim of this project is to introduce a drug vending machine that works by a health smart card. The main objective of this project is to simplify the health care management of an individual using the smart health care ideology; which contains all the information about the individuals medical records and digital prescriptions. The various medications in the prescription are identified and dispensed by the drug vending machine improving the overall productivity and reducing medical overheads of an individual. Automated drug vending machine with the new Smart health card based retrieval could add a new dimensionality to the modernization of health care.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.966/CHE/2013 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : AUTOMATED 'TRIP TO TARGET DISTANCE' IN ELECTROSPINNING SYSTEM

(51) International classification	:g01m	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SURESH RAO N.
(32) Priority Date	:NA	Address of Applicant :NO: 2/11, KONAR STREET,
(33) Name of priority country	:NA	THIRUVERUMBUR, TRICHY - 620 013 Tamil Nadu India
(86) International Application No	:NA	2)PREETHIKA IMMACULATE BRITTO
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SURESH RAO N.
(61) Patent of Addition to Application Number	:NA	2)PREETHIKA IMMACULATE BRITTO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The automation of electro spinning system was initiated by the textile engineering experts in early 21st century. Now it is a rapidly developing instrument in the field of tissue engineering, MEMS fabrications and textile engineering. They have developed a stager which moves in the x and z-axis direction for fabrication of fibers in static collector unit, which means the automated stager only support the static collector and also it requires users knowledge for positioning the stager. This latest invention deals with an expert system which is designed to help the users completely, by reducing the time and decrease the complexity of the system. The automated mechanical system developed in this research facilitates the collector unit to move in forward & backward direction for utilizing the static collector, upward & downward movement along with tilting of pump stand for utilizing the dynamic collector. Basically these movements are based on the algorithm or user. The user -friendly firmware has an algorithm in which, it automatically fed the data to the controller and if need the user can manipulate the distance values. The algorithm which is developed in this system, it utilizes the information of processed image which is taken by the high resolution camera. Depends on the given input details, the master controller controls the motors driver unit which facilitates the movement of mechanical setup.

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

(54) Title of the invention : TELESURGERY USING CYBERNETIC INTELLIGENCE FOR RURAL HEALTHCARE MANAGEMENT

(51) International classification	:b25j	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NARRENDAR.R.C.
(32) Priority Date	:NA	Address of Applicant :NO: 16, 17 PONJOTHI NAGAR,
(33) Name of priority country	:NA	VELISEMMANDALAM, CUDDALORE (DISTRICT) - 607 001
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	2)PREETHIKA IMMACULATE BRITTO
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)NARRENDAR.R.C.
Filing Date	:NA	2)PREETHIKA IMMACULATE BRITTO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The current development in the field of robotics has yielded many promising solicitations, which may change the fate of humanity in the near future. This project mainly concerns with the design, development and telemanipulation of an anthropomorphic robotic limb for various applications. The operation is based upon master slave control paradigm. Also special emphasis has been given to the force feedback where the forces experienced by the manipulator are fed back to the user. The requirement of accuracy, grasping performance and reliability is accomplished by the use of highly precise servo actuators and reliable mechanical design. Apart from these the project mainly focuses on incorporating cybernetic intelligence to render more futuristic approach towards telesurgery. The mapping between the user input and joint actuations are computed using artificial neural networks for enhanced operational ability. The user is also assisted using augmented reality software which produces real-time information about their environment. Every real-time signal of the user and the physical signals from the manipulators environment are digitalized into the cyberspace which facilitate telepresence and virtual reality. Regarding its implications it can provide providing endless possibilities. Telematics, remote manipulation aided by virtual reality, precise control of robotic manipulators using neural networks can render much advancement in the area of Telesurgery. 1. Anthropomorphic Robot Manipulator with 16 -DOF The various aspects of human hand and its mechanical replica, the entire model of the human hand is illustrated as a computer aided model, which enables us to understand the various characteristics of links, joints, degree of freedom and how they operate in real time limb. 2. Cyber Gauntlet with force feedback at the surgeons end The motion of the fingers are taken to be the sensory inputs for the servo terminal, hence the mechanism is derived such that every joint movement is converted into a specific analog output which is then processed and converted as the control output 3. A telemetry based Bio Informative system As a surgery cannot be initiated without knowing the patients health condition, low scale reliable biometry devices like EEG et., can be included for precautionary actions by the surgeon. 4. Cybernetic Intelligence The control stick for his kind of robot is a cyber-gauntlet which would not require any skilled operator. This robot can mimic the exact operations of the user more precise than any other robot. Wherein all the modalities are facilitated by cybernetic intelligence that interprets every input and output of the system for better endurance and operability to the users.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.964/CHE/2013 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : AN UPPER LIMB PARALYSIS REHABILITATION ACTIVITY MONITORING DEVICE FOR POST-TRAUMATIC STROKE PATIENTS

(51) International classification	:a63b	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RAJASEKAR CHANDRAN
(32) Priority Date	:NA	Address of Applicant :4/448, ROAD STREET,
(33) Name of priority country	:NA	METTUKUDISAI (VILLAGE), ONNUPURAM (POST), ARNI
(86) International Application No	:NA	(TALK), THIRUVANNAMALAI (DISTRICT) - 632 315 Tamil
Filing Date	:NA	Nadu India
(87) International Publication No	: NA	2)PREETHIKA IMMACULATE BRITTO
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAJASEKAR CHANDRAN
(62) Divisional to Application Number	:NA	2)PREETHIKA IMMACULATE BRITTO
Filing Date	:NA	

(57) Abstract :

The aim of this project to develop a portable wearable device that can continuously monitoring the rehabilitation activity for post-stroke patients. The primary goal of this project is to design a flexible and portable data glove. Presently, lot of wearable data glove available in the market but those are not flexible and portable for CIMT type of therapeutic approach because of less proximity between sensors and muscles. In this project mainly focused on to overcome those drawbacks through develop well designed data glove prototyping it would be right suitable for CIMT approach. This device has Wireless wearable sensor system it continuously sensing the upper limb range of motions. Accordingly, these data are processed by microcontroller then transmitted through zigbee wireless protocol for further data analysis. This experimental set up has been developed in order to provide the information of rehabilitation activity and can be used to measure the improvement rate. This entire system has consists of three modules: First module is to designing a data glove prototyping model. Second module acquisition of data for upper limb motion and muscle activity Third module related to data analysis for clinical assessment. First module aims to increases the wear ability and suitability of hand glove for paralysis patients. In second module, the multiple sensors are used as an input to monitor the motion and muscle performance during training. In third module the device has to test the paralyzed patients for clinical assessment.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.963/CHE/2013 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : BLOOD VESSEL DETECTOR - VEINLOC

(51) International classification	:g05b	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DAMINI AGARWAL
(32) Priority Date	:NA	Address of Applicant :1 DR. ASHUTOSH SHASTRI RD.,
(33) Name of priority country	:NA	GODAVARI, 2B, 2ND FLOOR, KOLKATA - 700 010 West
(86) International Application No	:NA	Bengal India
Filing Date	:NA	2)PREETHIKA IMMACULATE BRITTO
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DAMINI AGARWAL
Filing Date	:NA	2)PREETHIKA IMMACULATE BRITTO
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The aim of this project is to develop a portable device that can easily detect the presence and proximity to surface blood vessels. The primary goal of this project is to design a cost effective and easy to use device that can be used by amateur blood technicians. Presently, several models are available in the market but they use complex circuitry and are not very user friendly. This device has an NIR sensor system which continuously senses the proximity to a surface blood vessel. Accordingly, the data is processed by the microcontroller and then displayed as output in the form of an array of LEDs. This experimental set up has been developed in order to determine the closeness to blood vessels to aid in effective venipuncture. This entire system has consists of three modules: First module is to sense the proximity using NIR sensors. Second module is processing of the data using microcontrollers. Third module is display of the output in terms of lighting of the LED array. First module aims to determine the proximity of the blood vessel. In second module, the data collected is processed and calibration takes place. In third module the device displays the proximity based on the collected data.

No. of Pages : 9 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.980/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :07/03/2013

(43) Publication Date : 22/03/2013

(54) Title of the invention : A PORTABLE STORING AND CHARGING APPARATUS FOR AN ELECTRONIC DEVICE

(51) International classification	:h02j	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LUMOS DESIGN TECHNOLOGY PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :C/O LUMOS DESIGN
(33) Name of priority country	:NA	TECHNOLOGY PRIVATE LTD., NO: 537, 14TH CROSS, ISRO
(86) International Application No	:NA	LAYOUT, BANGALORE - 560 078 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)GANDHARV S. BAKSHI
(61) Patent of Addition to Application Number	:NA	2)RAJKUMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A portable storing and charging apparatus for charging electronic device from solar power and other external sources comprising of at least one solar panel generating electric power in response to received light under all lighting conditions including ambient light conditions, integrated as a part of the top surface of a storage apparatus operable to store an electronic device. The charging apparatus further comprises of a universal USB charger, plurality of indicators, an internal battery which is rechargeable and a charging circuit comprising of an integrated switching and control portion wherein, the switching portion switches from solar panel input to external power source input on plugging in external power source adaptors and switching back to solar charging if external power source charging is below acceptable voltage and current levels for charging the internal battery and wherein, the control portion detects the temperature rise of the battery and controls the power supply required for charging the internal battery by switching off the power supply. The charging circuit further comprising of a regulation portion which regulates the voltage and current received as input from the internal battery to the required levels for charging the electronic device in the portable storage apparatus.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1224/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :19/10/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : AN ENERGY SAVING DEVICE

(51) International classification	:B21B27/10	(71) Name of Applicant : 1)KISHORE MANSATA Address of Applicant :4A, WINDSAR COURT, 32 J, NEW ROAD, KOLKATA. PIN - 700027. West Bengal 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)KISHORE MANSATA
Filing Date	:NA	
(87) 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 energy saving device for reducing electrical consumption of an air conditioner comprising an air conditioning equipment, an input means, a coil temperature sensor operatively associated to said air conditioner coil, a room temperature sensor adapted to sense appropriate room temperature, a microprocessor receiving inputs from the said sensors, a compressor operatively associated to said microprocessor so as to be adapted to switch off and on appropriate signals and visual indicators for overall operation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.138/KOL/2013 A

(19) INDIA

(22) Date of filing of Application :06/02/2013

(43) Publication Date : 22/03/2013

(54) Title of the invention : A COST-EFFECTIVE AND DURABLE SYSTEM FOR CUTTING SOLID FOOD MATERIALS

(51) International classification	:B02C18/30	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROY, AVRA
(32) Priority Date	:NA	Address of Applicant :7/8, TELECOM STAFF QTR.
(33) Name of priority country	:NA	CLUSTER-18, TOWNSHIP, P.O.-TOWNSHIP, HALDIA,
(86) International Application No	:NA	DIST.-PURBA MEDINIPUR PIN - 721607 WEST BENGAL,
Filing Date	:NA	INDIA
(87) International Publication No	: NA	2)ROY CHATTOPADHYAY, NABANITA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ROY, AVRA
(62) Divisional to Application Number	:NA	2)ROY CHATTOPADHYAY, NABANITA
Filing Date	:NA	

(57) Abstract :

A wooden cutting-board system for cutting solid food materials which system is cheap, durable, simple, and easy to handle, still offering a variety of shapes and sizes for the cut materials. The system comprises of a wooden board, an aperture at the center thereof, two metallic plates positioned at head and tail of the aperture and fixed upon the board, four folding stands with rubber caps at their free ends, a stainless steel blade as the cutting device mounted upon the board, and a metallic wall attached to a metallic plate which is movable on two metallic rails by the help of a screw. The open space beneath the board can accommodate a varied range of containers for collecting cut materials when the stands are unfolded and the invention is in operation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.626/KOL/2012 A

(19) INDIA

(22) Date of filing of Application :31/05/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : SCREENING MODULE FOR A VIBRATORY SCREENING MACHINE

(51) International classification	:B01D33/03	(71) Name of Applicant : 1)VIKASH SINGHAL Address of Applicant :135/2, GIRISH GHOSH ROAD, BELURMATH, HOWRAH-711202, WEST BENGAL, 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)VIKASH SINGHAL
Filing Date	:NA	
(87) 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 screening module for a vibratory screening machine is disclosed. The screening module comprises an inner frame having a front bar, a rear bar and two spaced apart side bars extending perpendicularly between the front bar and the rear bar and a plurality of wires extending between the front bar and the rear bar to form a mesh. The module also comprises a plurality of rods extending between the two spaced apart side bars and configured at pre-determined separation from each other along the extension of two spaced apart side bars. The plurality of wires is wound over the plurality of rods. The module also comprises an outer frame coupled to the inner frame in a spaced apart manner by first attachment means and a moulded portion configured on the outer frame for coupling the screening module to the screening deck of the vibratory screening machine.

No. of Pages : 18 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.2688/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR ENTERING CHINESE TEXT

(51) International classification

:H01J

(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)ABHIJIT BHATTACHARJEE

Address of Applicant :#11, JSSATE STEP, C-20/1, SECTOR
- 62. NOIDA-201301 Uttar Pradesh India

(72)Name of Inventor :

1)ABHIJIT BHATTACHARJEE

(57) Abstract :

A method of generating a dynamic keypad for entering Chinese characters is enclosed. The method comprises of generating a keypad for phonetic text input which includes a list of phonetic text characters with one key of the keypad associated with only one phonetic text character. The list of phonetic text characters includes all the phonetic text characters or a sub set of statistically most likely phonetic text characters to be used at the beginning of a sentence or following one or more previously entered phonetic text characters or Chinese text characters. The method further comprises of regenerating the keypad on receiving a phonetic text input. The regenerated keypad includes all the phonetic text characters to follow the phonetic text input entered and statistically most likely Chinese characters for the phonetic text input, with one key of the keypad associated with only one phonetic text character or only one Chinese text character. Figure 1

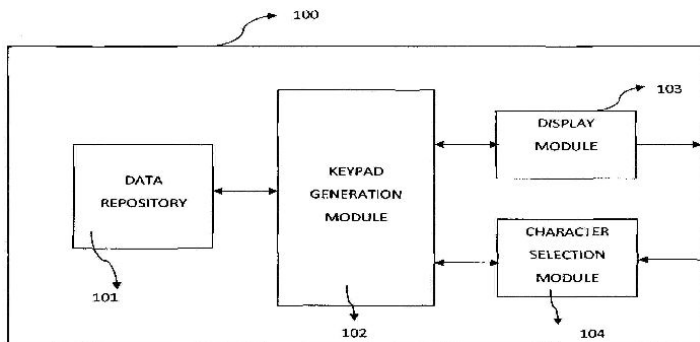


FIGURE 1

No. of Pages : 35 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2716/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : A NOVEL AYURVEDIC FORMULATION FOR THE TREATMENT OF COUGH AND OTHER ASSOCIATED SYMPTOMS

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AKUMS DRUGS & PHARMACEUTICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :304, MOHAN PLACE, LSC, BLOCK-
(33) Name of priority country	:NA	C, SARASWATI VIHAR, DELHI-34. India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SANJEEV JAIN
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is related to a Herbal formulation indicated in the treatment of cough and associated disorders. The present formulation comprises of Adhatoda vasica, Glycyrrhiza glabra, Ocimum sanctum, Alpinia galanga, Cinnamomum zeylanicum, Terminalia belerica, Abies webbiana, Curcuma longa, Pistacia integerrima, Solanum xanthocarpum, Syzygium aromaticum, Mentha piperata, Cinnamomum camphora, Cyperus rotundus, Sitopaladi churna(An Ayurvedic classical formulation), Trikatu(An Ayurvedic classical formulation), Zingiber officinale, Piper longum, Honey, Nausadar and acceptable excipients, which acts synergistically to treat cough and associated disorders.

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

(54) Title of the invention : GENERATING A REGULARLY SYNCHRONISED COUNT VALUE

(51) International classification	:H01J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ARM LIMITED
(32) Priority Date	:NA	Address of Applicant :110 FULBOURN ROAD, CHERRY
(33) Name of priority country	:NA	HINTON, CAMBRIDGE CB1, 9NJ, UNITED KINGDOM
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JOHN MICHAEL HORLEY
(87) International Publication No	:NA	2)SHELDON JAMES WOODHOUSE
(61) Patent of Addition to Application Number	:NA	3)MICHAEL JOHN WILLIAMS
Filing Date	:NA	4)SHESHADRI KALKUNTE
(62) Divisional to Application Number	:NA	5)ANDREW CHRISTOPHER ROSE
Filing Date	:NA	

(57) Abstract :

A count value generator for generating an output count value comprising: an input for receiving a synchronising count value that increments at a synchronising frequency and a counter configured to increment in response to a local clock signal running at a local frequency, the local frequency being faster than the synchronising frequency is disclosed, and an interpolator for determining a frequency ratio between the local frequency and the synchronising frequency and for determining an increment value for the counter dependent on a relative amount of a maximum value of the counter with respect to the frequency ratio. The counter is configured to generate a count value comprising a plurality of bits, the plurality of bits comprising a predetermined number of bits representing integer values and being output as the lower order bits of the output count value and additional lower order bits that represent fractional portions of the integer values, the additional lower order bits not being output as the output count value, the counter being configured to be incremented by the increment value in response to the local clock signal such that the counter attains the maximum value or a value close to the maximum value prior to the synchronising count value incrementing, the counter being configured to be reset in response to the synchronising count value incrementing. The counter also has output circuitry for outputting the synchronising count value as higher order bits of the count value and the predetermined number of bits representing integer values generated by the counter as the lower order bits of the count value. [Figure 3]

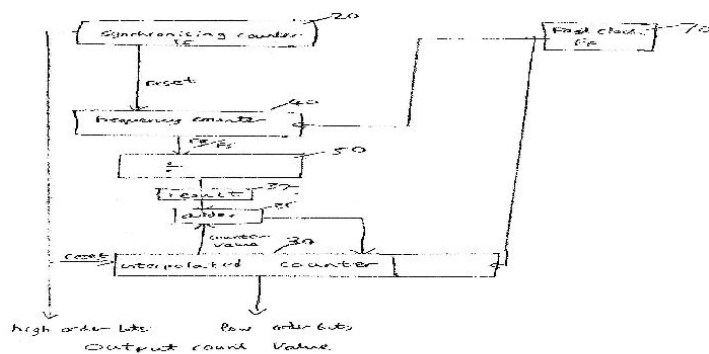


Figure 3

No. of Pages : 29 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.220/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :31/01/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : VERTICAL ROLLER CONVEYANCE ETCHING MACHINE

(51) International classification	:B65G17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MAXIUM (SHENZHEN) TECHNOLOGIES CO. LTD.
(32) Priority Date	:NA	Address of Applicant :P BUILDING, DONGBAO
(33) Name of priority country	:NA	INDUSTRIAL ZONE, SHASI VILLAGE, SHAJING TOWN,
(86) International Application No	:NA	BAO-AN, SHENGZHEN CITY, CHINA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)KUO, MING-HONG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A vertical roller conveyance etching machine includes two rows of vertical conveyance roller shafts for pinching and driving a circuit board to be etched, a power input gear train, a plurality of roller shaft mounts, a plurality of liquid etchant spray tubes, and an enclosure. The power input gear train include upper-level and lower-level gear trains that include transmission gear trains coupled to the conveyance roller shafts that are supported on the roller shaft mounts. The roller liquid etchant spray tube sprays liquid etchant to the circuit board driven by and through the conveyance roller shafts. All the components, except the upper-level gear train, are housed in the enclosure, so that there is no need to form openings in the enclosure top board to correspond to each of the conveyance roller shafts and outward leakage of liquid etchant is reduced. The spray etching operation can thus be made better.

No. of Pages : 31 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2684/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD TO REMOVE CARBONATE FROM A CAUSTIC SCRUBBER WASTE STREAM

(51) International classification	:H01J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SABIC INNOVATIVE PLASTICS IP B.V.
(32) Priority Date	:NA	Address of Applicant :PLASTICSLAAN 1, NL-4612 PX
(33) Name of priority country	:NA	BERGEN OP ZOOM, NETHERLANDS (NL)
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GAUTAM, PANKAJ SINGH
(87) International Publication No	:NA	2)NAIR, VINOD S.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method to recover caustic from a caustic waste stream comprises reducing the temperature of a caustic waste stream comprising dissolved Na₂CO₃ to a temperature less than or equal to the temperature at which the Na₂CO₃ precipitates from the caustic waste stream to form a caustic waste stream comprising precipitated Na₂CO₃ and separating the precipitated Na₂CO₃.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2701/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :19/09/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : HERBAL LEECH REPELLANT SPRAY FORMULATION AND A PROCESS FOR PREPARATION THEREOF

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION

Address of Applicant :MINISTRY OF DEFENCE, GOVT. OF INDIA, ROOM NO. 348, B-WING, DRDO BHAWAN, RAJAJI MARG, NEW DELHI 110 015, INDIA

(72)Name of Inventor :

1)DAS NANI GOPAL

2)TALUKDAR PRANAB KUMAR

3)PANDEY ANURAG

4)GOSWAMI DIGANTA

5)BARUAH INDRA

6)SINGH LOKENDRA

(57) Abstract :

A herbal spray formulation having repelling characteristics for land-leech comprising: Curcuma aromatica and Zanthoxylum limonella in a ratio of 2:3 wherein said formulation further comprises an inert carrier. A process for the preparation of the herbal spray formulation comprising the steps of preparing various concentrations i.e., 10%, 20% and 30% of essential oil of Curcuma aromatica and Zanthoxylum limonella in de-odorized kerosene oil at room temperature and evaluating as spray based repellent on cloth/socks against land leeches under laboratory conditions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2703/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :19/09/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS OF ARTEMISININ DERIVATIVE AND PROCESS OF PREPARATION THEREOF

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RANBAXY LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant :12TH FLOOR, DEVIKA TOWER, 6,
(33) Name of priority country	:NA	NEHRU PLACE, NEW DELHI-110019, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HARISH KUMAR MADAN
(87) International Publication No	:NA	2)ANNAMDEVARA BALAJI
(61) Patent of Addition to Application Number	:NA	3)SUMIT MADAN
Filing Date	:NA	4)VINOD KUMAR ARORA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The field of the invention relates to pharmaceutical composition of cis-adamantane-2-spiro-3-8-[[[(2-amino-2-methylpropyl)amino]carbonyl]- methyl] -1,2,4-trioxaspiro[4.5]decane, in combination with piperazine, and processes for their preparation.

No. of Pages : 16 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2730/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : PROVIDING ANNOUNCEMENTS IN A COMMUNICATION NETWORK

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ALCATEL-LUCENT
(32) Priority Date	:NA	Address of Applicant :3 avenue Octave GrÃard Paris France
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)CHOPRA Varun
Filing Date	:NA	2)CHOPRA Shramee
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter discloses a method for providing announcements by a home location register (HLR). In one implementation the HLR receives a provide announcement request from a service control point (SCP) to initiate communication with a communication device. On receiving the provide announcement request the HLR identifies at least one announcement to be played on the communication device based on the provide announcement request. Subsequently the HLR generates a service message based on the at least one announcement and provides the service message to the communication device.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2737/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :21/09/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : A NOVEL BROAD SPECTRUM BIOCIDES FOR CONTROLLING DISEASES OF CROPS

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR - 125, NOIDA - 201303, UP, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JOYEETA MITRA
(87) International Publication No	:NA	2)V. BHUVANESHWARI
(61) Patent of Addition to Application Number	:NA	3)P.K. PAUL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a broad spectrum biocide comprising mixture of metabolites from different microfungi colonizing the aerial parts of a large number of tropical plants. The biocide effectively inhibits the growth of several fungal and bacterial pathogens as well as reduces disease incidence on a number of crops. The biocide induced defence responses is transmitted to all parts of the plants as well as in later emerging leaves, thereby protecting the crops for a substantial part of their growing season.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2738/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :21/09/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : A DIET SUPPLEMENT FOR THE ENRICHMENT OF ROTIFER WITH IODINE

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR - 125, NOIDA - 201303, UP, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ASHUTOSH SRIVASTAVA
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to diet supplement for the enrichment of rotifer with iodine by providing thymol iodide in the diet. The thymol iodide (diiododithymol) is an iodine derivative of thymol and it is commercially available. The supplement is particulate in nature and needs to replace the basic diet in minimum concentration. This helps to maintain other nutrient compositions as well. This supplement diet improves health and production of marine fish larvae.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2749/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :21/09/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : ALUMINA FROM COAL WASTE

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SUBHASH CHANDER
(32) Priority Date	:NA	Address of Applicant :C/O DR. SUNIL MEHNDIRATTA B-
(33) Name of priority country	:NA	1/519 JANAK PURI NEW DELHI - 11058 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SUBHASH CHANDER
(87) 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 :

9.1 Patent application submitted here-in is for an innovative idea of using waste, from coal related activities like mining, beneficiation, burning and gasification etc; as an alternative to Bauxite and is titled as: - Alumina from Coal Waste. 9.2 The invention contemplates substitution of bauxite with coals waste like ash, tailings and overburden etc for extraction of alumina using the conventional Bayers Process. 9.3 Such substitution does not call for any new technology and thus can be implemented in short time. 9.4 Since the raw material for extraction of alumina value is a waste of another industrial, it will yield all the benefits associated with putting the waste to use like:- A. Available at no cost B. Benefit of environmental protection, as it obviates deforestation associated with mining of bauxite, equivalent of the alumina value. C. There will be overall reduction in quantity of waste with savings in handling and disposal cost and reduced environmental hazards.

No. of Pages : 7 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2750/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :21/09/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : NANOPARTICULATE FORMULATION OF QUE \square CETIN FOR TREATMENT AND/OR PROPHYLAXIS OF DIABETES \square

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NATIONAL INSTITUTE OF PHARMACEUTICAL
(32) Priority Date	:NA	EDUCATION AND RESEARCH
(33) Name of priority country	:NA	Address of Applicant :Sector 67 S.A.S. Nagar Mohali
(86) International Application No	:NA	Punjab 160 062 India.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)Neeraj Kumar
(61) Patent of Addition to Application Number	:NA	2)Deepak Chitkara
Filing Date	:NA	3)Sanjay Kacharu Nikalaje
(62) Divisional to Application Number	:NA	4)Anupama Mittal
Filing Date	:NA	

(57) Abstract :

The present invention relates to the pharmaceuticals formulations and drug delivery systems of antioxidant more

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2760/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : IMPROVEMENTS IN OR RELATING TO DESIGNING FLUID FLOW FIELD BIPOLAR PLATE FOR SOLID POLYMER ELECTROLYTE HYDROGEN GENERATOR THEREFOR

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)GANAPATHY SOZHAN
(61) Patent of Addition to Application Number	:NA	2)SUBRAMANYAN VASUDEVAN
Filing Date	:NA	3)SWAMINATHAN MOHAN
(62) Divisional to Application Number	:NA	4)SUBBIAH RAVICHANDRAN
Filing Date	:NA	5)DONALD JONAS DAVIDSON

(57) Abstract :

The present invention is directed to improvements in or relating to designing fluid flow field bipolar plate for solid polymer electrolyte hydrogen generation by water electrolysis. The current distributors include a major circular surface thereof, a parallel open-faced fluid flow channel which traverses the central circular area of the plate surface in the serpentine manner. The channel has a fluid inlet one end for receiving a reactant fluid (water) and a fluid exhaust at the other end for removing excess reactant fluid (water) and reactant products from cell. According to the diameter of the bipolar plate working area, each channel length increasing gradually towards the centre of the circle and decreasing from that, each three channel occupy the quarter portion of the bipolar plate working area and separated. The water flowing direction and pressure changed each portion, hence the uniform velocity water distribution achieved.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2696/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :19/09/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : BREAK BRAKE CURRENT

(51) International classification

:H01J

(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)SULTAN SINGH JAIN

Address of Applicant :359, VARDHMAN NIKETAN, 29-CIVIL LINES, ROORKEE-24667 DISTT.-HARDWAR
Uttaranchal India

(72)Name of Inventor :

1)SULTAN SINGH JAIN

(57) Abstract :

A Break Brake Current comprising a high voltage supply-13 through individual hanging wires-14 fitted tightly with the shackle insulators-27A mounted through nuts & bolts-21 fitted on the supports-28 between the either sides tower poles-30 or poles-23 shown in figs.3, 4 & 5 and a shackle insulator screwed-27B is fitted between the either sides of the said shackle insulators-27A: wherein the said shackle insulator screwed-27B characterized in two pieces to hold a spring conductor-26 tightly screwed shown in fig. 13 and fitted with nuts & bolts-21 on a support-28 in between the said two shackle insulators-27A wherein the said spring conductor-26 makes good connection to its either sides hanging wires-14 to transmit the high voltage supply without the extra resistance.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2697/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :19/09/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : A DRAFT GEAR FOR AUTOMATIC AND SEMI PERMANENT COUPLER AND AN ASSEMBLY PROCESS OF THE SAME

(51) International classification

:H01J

(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)SANROK ENTERPRISES

Address of Applicant :E-14, GREATER KAILASH

ENCLAVE - I, NEW DELHI - 110048 India

(72) **Name of Inventor :**

1)NAVEEN SANGARI

2)GIRISH KATHURIA

(57) Abstract :

This invention relates to a draft gear for automatic and semi permanent coupler and an assembly process of the same.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2741/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :21/09/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : MANUAL AND SOLAR PV BASED HYBRID ELECTRIC POWER GENERATION SYSTEMS

(51) International classification	:H01L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. MOHAMMAD SYED JAMIL ASGHAR
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF ELECTRICAL
(33) Name of priority country	:NA	ENGINEERING, ALIGARH MUSLIM UNIVERSITY,
(86) International Application No	:NA	ALIGARH-202002, Uttar Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)DR. MOHAMMAD SYED JAMIL ASGHAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to methods and systems for the generation of solar PV based power at or near maximum power point tacking (MPPT) condition using power-to-voltage control mode or power to-current control mode such that a manual/ animal based mechanical power also supplement the output power for the sake of reliability and availability of power in all weather conditions, using a dc generator and a power combination circuit.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/09/2011

(21) Application No.2743/DEL/2011 A

(43) Publication Date : 22/03/2013

(54) Title of the invention : SIX-PHASE INDUCTION -MOTOR BASED COMPRESSOR AND SUBMERSIBLE PUMP SYSTEMS

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. MOHAMMAD SYED JAMIL ASGHAR
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF ELECTRICAL
(33) Name of priority country	:NA	ENGINEERING, ALIGARH MUSLIM UNIVERSITY,
(86) International Application No	:NA	ALIGARH-202002, U.P.INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)DR. MOHAMMAD SYED JAMIL ASGHAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to methods and system for reduction of losses and increasing the efficiency of six-phase induction motor based ac drives including induction motor coupled general, compressors and submersible pump type load such that a single-phase or three-phase ac power supply from an ac mains or grid power supply, is converted into six-phase power supply using a dc-to-dc converter and/ or static three-phase-to-six-phase converter and thereafter the power is supplied to the said six-phase induction motor coupled with mechanical loads with or without compressors and submersible pumps whereas the speed of the said induction motor is controllable.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2765/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE SELECTIVE HYDROXYLATION OF BENZENE WITH MOLECULAR OXYGEN (AIR) OVER SOLID CATALYSIS

(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)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110 001, INDIA.

(72)Name of Inventor :

1)BAL RAJARAM

2)SHANKHA SHUBHRA ACHARYYA

3)GHOSH SHILPI

4)SARKAR BIPUL

5)RAWAT KARAN SINGH

6)PENDEM CHANDRASHEKAR

(57) Abstract :

The present invention provides an improved process for the selective hydroxylation of benzene. The process provides a direct single step selective vapour phase hydroxylation of benzene to phenol using molecular oxygen (air) over Cu-Cr oxide catalysts. The process provides benzene conversion of 10-35% and selectivity for phenol up to 96%.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2766/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF CU-CR OXIDE FOR SELECTIVE OXIDATION REACTIONS

(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)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110 001, INDIA.

(72)Name of Inventor :

1)BAL RAJARAM

2)SARKAR BIPUL

3)SHANKHA SHUBHRA ACHARYYA

4)GHOSH SHILPI

5)PENDEM CHANDRASHEKAR

6)JAGDISH KUMAR

(57) Abstract :

The present invention provides a process for the preparation of Cu-Cr oxides by hydrothermal synthesis method using hydrazine as a reducing agent and cetyltrimethylammonium bromide as a surfactant and these oxides are very active for selective oxidation of benzene, toluene and ethylbenzene to produce phenol, benzaldehyde and acetophenone, respectively.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2731/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : CONTEXT-BASED PROCESSING OF INTERACTION EVENTS

(51) International classification	:H01J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ALCATEL-LUCENT
(32) Priority Date	:NA	Address of Applicant :3 avenue Octave GrÃard Paris France
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)MATHUR Akhil
Filing Date	:NA	2)DATTA Samik
(87) International Publication No	: NA	3)MAJUMDER Anirban
(61) Patent of Addition to Application Number	:NA	4)MENON Sreedal
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to an implementation a method for context-based processing of interaction events in a communication network is described. In said implementation the method includes extracting one or more context features for each of a plurality of interaction events. The context features can be extracted from interaction information associated with the plurality of interaction event... Further from among the plurality of interaction events linked interaction events are identified based on a query parameter. The query parameter can be based on one or more of the context feature. Based on comparisons between the linked interaction events relevant interaction events are determined from among the linked interaction events. Further the relevant interaction events are rendered to depict the relevant interaction events as graphics. The rendering of the relevant interaction events can be based on the context features and the comparisons between the linked interaction events.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2747/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :21/09/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR TAGGING USER STATUS MESSAGE WITH SMS

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LIVEMEDIA PTV. LTD.
(32) Priority Date	:NA	Address of Applicant :3RD FLOOR, 13, SANT NAGAR,
(33) Name of priority country	:NA	EAST OF KAILASH, NEW DELHI - 110065 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MEHTA, RAJAN
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present disclosure relates to a system and method for tagging status message of a user to an SMS sent by the user. The status messages either can be set at one or more social networking websites such as LinkedIn, Google+, Facebook, SoundCloud, Myspace, and Twitter, or can be set at any other web-based communication medium such as chats, groups, and blogs. Status messages can also be directly written by a user without any web-based interface. In a preferred embodiment, the proposed system allows a mobile user to automatically tag his/her latest status update or social network message or personal choice message at the end or beginning or in the middle of every SMS sent by the user to one or a group of people. As the user changes his status message, newly updated status message gets updated and new status message is tagged to every SMS sent thereafter. One or more of Web, WAP, USSD, IVR, and SMS can be used by a user to tag his/her status message, which then automatically appended in every SMS the user sends to the other user.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2763/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF SODIUM SALTS OF N - ACYL CONDENSATES OF KARANJA PROTEIN HYDROLYSATES AND THEIR SURFACTANT PROPERTIES

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)BHAMIDIPATI VENKATA SURYA KOPPEWARA
(61) Patent of Addition to Application Number	:NA	RAO
Filing Date	:NA	2)PRADOSH PRASAD CHAKRABARTI
(62) Divisional to Application Number	:NA	3)MADHUMANCHI SREENU
Filing Date	:NA	4)RACHAPUDI BADARI NARAYANA PRASAD

(57) Abstract :

The present invention relates to a process for the preparation of sodium salts of N-acyl condensates of karanja seed protein hydrolysates and fatty acids obtained from vegetable oils such as karanja, coconut and palm kernel oils. The process comprising (i) extraction of protein isolate from karanja deoiled cake (ii) hydrolysis of karanja protein isolate (iii) condensation of karanja protein hydrolysates and fatty acid mixtures prepared from karanja, coconut and palm kernel oils to get the N-acyl condensates. The N-acyl condensates of karanja protein hydrolysates were evaluated as their sodium salts for surfactant properties namely surface tension, wetting ability, foam characteristics and emulsifying power. The surfactant properties namely emulsifying power and surface tension of sodium salts of N-acyl condensates prepared were found to be superior whereas wetting and foam characteristics were found to be inferior compared to sodium lauryl sulphate (SLS). The surfactant properties of the sodium salts of N-acyl condensates revealed that they have potential as biosurfactants in the place of traditional surfactants.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2695/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :19/09/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : SECURITY SAFETY GUARD

(51) International classification

:H01J

(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)SULTAN SINGH JAIN

Address of Applicant :359, VARDHMAN NIKETAN, 29-CIVIL LINES, ROORKEE-247667 DISTT.- HARDWAR
Uttaranchal India

(72)Name of Inventor :

1)SULTAN SINGH JAIN

(57) Abstract :

I comprising two relays-24A and 24B fitted at right angle to each other on a frame-10 connected with the two mobiles-17A and 17B and a sparking plug-26 connected to a battery-2 through a lever-16A as explained in the complete specification and the owner of the vehicle has two mobiles-17X and 17Y wherein when the owner switch On his mobile-17Y and dial tone the mobile-17B of the relay-24B , then the lever-16B shown dotted is attracted to it: then he immediately switch On his other mobile-17X to the relay-24A. mobile-17A Now switch Off the mobile-17Y to discharge the relay-24B thereby making the lever-16B to hold the lever-16 A and he also switch Off his other mobile- 17 A also to make the relay-24A discharged .The hold up position of the dotted lever-16A by the lever-16B thereby indicating switching Off the sparking plug-26

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2724/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : AN APPARATUS AND METHOD FOR WIRELESS PERSONAL AREA NETWORK AND WIRELESS BODY AREA NETWORK USING MAGNETIC COUPLING□

(51) International classification	:H01J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY
(32) Priority Date	:NA	Address of Applicant :Hauz Khas New Delhi - 110016 India
□33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)BOSE Ranjan
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an apparatus and method for magnetically coupled wireless network (magnetically coupled wireless personal area network or magnetically coupled wireless body area network). In the present invention information is transferred through resonant magnetic coupling between the magnetically coupled nodes. Multiple magnetically coupled nodes connect simultaneously to at least; me magnetically coupled node by using orthogonal magnetic field and/or orthogonal.....

No. of Pages : 18 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2739/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :21/09/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : COLOSTRUM ENRICHED IMMUNE ENHANCER FUNCTIONAL FOOD SUPPLEMENT FOR MALNOURISHED CHILDREN AND PROCESS FOR THE PREPARATION THEREOF

(51) International classification	:A23C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR - 125, NOIDA - 201303, UP, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHARU GUPTA
(87) International Publication No	:NA	2)DHAN PRAKASH
(61) Patent of Addition to Application Number	:NA	3)HARSHA KHARKWAL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a novel composition and process for the preparation of a complimentary food for malnourished children and infants that is enriched with immunoglobulins and growth factors. The composition comprises microwave roasted and powdered maize (Zea mays) flour, wheat (Triticum aestivum) flour, defatted seed meal of soybean (Glycine max) and green gram (Vigna radiata) mixed with the colostrum powder and herbal extracts of Ashwagandha (Withania somnifera) roots, Brahmi (Bacopa monnieri) leaves, Bhuiamla (Phyllanthus niruri) whole plant, drumstick (Moringa oleifera) pods (immature) and peepli (Piper longum) fruit (dried). The developed functional food product is nutritious, easily digestible, palatable, and cost effective. It is a suitable way for overcoming malnutrition with immune-enhancing properties.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :21/09/2011

(21) Application No.2740/DEL/2011 A

(43) Publication Date : 22/03/2013

(54) Title of the invention : A METHOD FOR THE PREPARATION OF DISINFECTANT, AIR PURIFIER AND HAND SANITIZER USING COMBINATION OF PLANT EXTRACTS

(51) International classification	:A01H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR - 125, NOIDA - 201303, UP, INDIA
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SWATI KAUSHIK
(87) International Publication No	:NA	2)MEGHA RIKHI
(61) Patent of Addition to Application Number	:NA	3)HINA SANWAL
Filing Date	:NA	4)V. POOJA
(62) Divisional to Application Number	:NA	5)ASHWANI K. SRIVASTAVA
Filing Date	:NA	6)SEEMA BHATNAGAR

(57) Abstract :

The present invention relates to a herbal composition and the method of preparation of herbal combination which comprises of mace extract, orange peel extract and rose leaf extract and can be used for a wide range of applications like air purifier and sanitizer. The herbal composition can be used as aerosols in cars as car sterilizers, as a liquid disinfectant or as soap and as a hand sanitizer. The composition is effective in reducing a wide range of microbial population that is found in the indoor environment. The herbal disinfectants, unlike chemical disinfectants, are safe for human beings and effective against infectious microbes.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2752/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : ALOE VERA OIL: A NEW SKIN PERMEATION ENHANCER

(51) International classification	:B29D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JAMIA HAMDARD UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :HAMDARD UNIVERSITY,
(33) Name of priority country	:NA	HAMDARD NAGAR, NEW DELHI - 110 062, AN INDIAN
(86) International Application No	:NA	INSITUION. India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)MOHD AQIL
(61) Patent of Addition to Application Number	:NA	2)FARHAN JALEES AHMAD
Filing Date	:NA	3)ASGAR ALI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a novel permeation promoter gel formulation for transdermally/transmucosally delivering anti hypertensive drug preferably a saturated solution of Losartan potassium, LP at a therapeutically effective rate comprising aloe vera oil 0-5% weight by weight, a transdermal gelling agent carbopol 0.5-1% w/w, a cosolvent Propylene Glycol 0-40% w/w and the main solvent, water for HPLC 47.15-97.85 percent w/w. The method of preparation thereof by dispersing carbopol 0.5% to 1 % in a mixture of water 47.15-97.85%, propylene glycol 0-40%, preferably 40% and a saturated solution of LP, 1.65% w/w with 0-5% Aloe vera oil, AVO preferably 5% w/w as penetration enhancer, wherein carbopol 940 P is dispersed in a mixture of water and PG using magnetic stirrer, LP is gradually added to the above mentioned polymer blend, and AVO is added to the mixture before dispersing the carbopol, followed by finally neutralizing the dispersion and adding triethanol amine to make the formulation viscous.

No. of Pages : 24 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2767/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : AN INVERT EMULSION BREAKER COMPOSITION AND PROCESS TO SEPARATE WASTE OIL

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)SINGH ARUN KUMAR
(61) Patent of Addition to Application Number	:NA	2)SHARMA OM PRAKASH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An invert emulsion breaker composition and process to separate waste oil from invert emulsion involves the use of an emulsion breaker in warm aqueous media to break up the emulsion and separate oily component from clay containing solid component of waste synthetic based drilling mud (SBM). The emulsion breaker consists of acid, nonionic detergent, electrolyte, thinner and sulfate/sulfonate type co-surfactant. The waste SBM treated with emulsion-breaker in acid or alkaline media to break the emulsion and oil separates from solids by washing process in warm aqueous media with proper agitation at elevated temperature. The oily substance separated from solid gravitationally in aqueous media. Clay/solid washed repeatedly. The processed solids are found suitable for land disposal. The oily liquids can be recycled.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2768/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : A NOVEL, ECONOMIC AND ECO - FRIENDLY PROCESS FOR BULK SYNTHESIS OF SINGLE PHASE TITANIUM DIOXIDE NANOPARTICLES AND ITS BIOCOMPATIBILITY EVALUATION

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)GANGADHARAM SARALA DEVI
(61) Patent of Addition to Application Number	:NA	2)REDDY SHETTY PRAKASHAM
Filing Date	:NA	3)PACKIYANATHAN KAVIN KENNADEY
(62) Divisional to Application Number	:NA	4)KANCHAM RAVEENDRANATH
Filing Date	:NA	5)ARISETTI NANAJI

(57) Abstract :

The present invention relates for bulk synthesis of single phase titanium dioxide nanoparticles using a novel, economic and eco-friendly process. The process helps in synthesis of single phase titanium dioxide particles having size of-12 nm comprising preparation of titanium halide solution using poly-ethylene glycol, adjusting the hydrogen ion concentration, aging, removal of halide ions followed by calcination and the single phase particles obtained thereby. The obtained single phase titanium dioxide particles were evaluated for biocompatibility and cyto-toxicity using Human T-lymphocytes and rutile phase particles are noticed to be biocompatible and do not cause any toxicity while anatase phase titanium particles showed toxicity. The claimed process is suitable for an industrial upscale for bulk production and allows the formation of single phase and stable titanium nano particles having the size of-12 nm.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2764/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR PRODUCTION OF B10 - OXYGENATES

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)KAUL SAVITA
(61) Patent of Addition to Application Number	:NA	2)BANGWAL DINESH PRASAD
Filing Date	:NA	3)GOYAL HARI BHAGWAN
(62) Divisional to Application Number	:NA	4)GARG MADHUKAR ONKARNATH
Filing Date	:NA	

(57) Abstract :

The present invention describes a process for converting glycerol, a byproduct of biodiesel process, to glycerol tertiary butyl ethers, by dehydration of tertiary butanol or isobutanol over an acidic catalyst in one reactor and simultaneous etherification of Glycerol with isobutylene in presence of etherification catalyst (5-20%) in the etherification reactor at temperature 40-90°C to obtain a product containing glycerol tertiary butyl ethers with 30-40% and 60-70% selectivity of tritertiary butyl ether and ditertiary butyl ethers of glycerol respectively with negligible quantity of glycerol and glycerol monoether(<1%).

No. of Pages : 19 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2761/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : A METHOD OF DETECTION OF NITRIC OXIDE (NO) BY ELECTROCHEMICAL REDUCTION AND THE DEVELOPMENT OF NO MONITOR

(51) International classification

:H01L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110 001, INDIA.

(72)Name of Inventor :

1)BERCHMANS SHEELA

2)SUSAI VINCENT

3)SANKARA AIYAR VARATHARAJAN

4)VENKATRAMAN YEGNARAMAN

(57) Abstract :

The present invention relates to a method of detection of nitric oxide (NO) by electrochemical reduction and the development of NO monitor

No. of Pages : 31 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2769/DEL/2011 A

(43) Publication Date : 22/03/2013

(54) Title of the invention : BENZYLIDENE INDANONES USEFUL AS ANTICANCER AND TUBULIN POLYMERISATION INHIBITORS AND PROCESS FOR PREPARATION 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

(71)Name of Applicant :

1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110 001, INDIA

(72)Name of Inventor :

1)NEGI, ARVIND SINGH

2)PRAKASHAM AYYAMPUDUR PALANISAMY

3)LUQMAN, SUAIB

4)CHANDA, DEBABRATA

5)GUPTA ATUL

6)SAXENA AJIT KUMAR

7)KAUR, TANDEEP

(57) Abstract :

The anticancer activity of gallic acid derivatives has been invented, in order to obtain new potent and cost effective molecules using in vitro cytotoxicity assay. The compounds also exhibited tubulin polymerisation inhibition. A series of compounds 2-benzylidene 3-(3,4,5-trimethoxyphenyl) indanones having representative structure 1 were synthesized from gallic acid through chemical process. 2-(3,4-Methylenedioxybenzylidene), 3-(3,4,5-trimethoxyphenyl), 4,5,6-trimethoxyindanone (8), a representative compound of this series, possessing molecular formulae as C₂₉H₂₈O₉ was synthesized from gallic acid exhibits potent anticancer activity. Compound 8 was evaluated for acute oral activity in Swiss albino mice and it was found to be safe up to 300mg/kg body weight.

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

(54) Title of the invention : AUTOMATIC POLLUTION-FREE ENERGY GENERATION DEVICE FOR TRANSPORT

(51) International classification

:H01m

(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 :

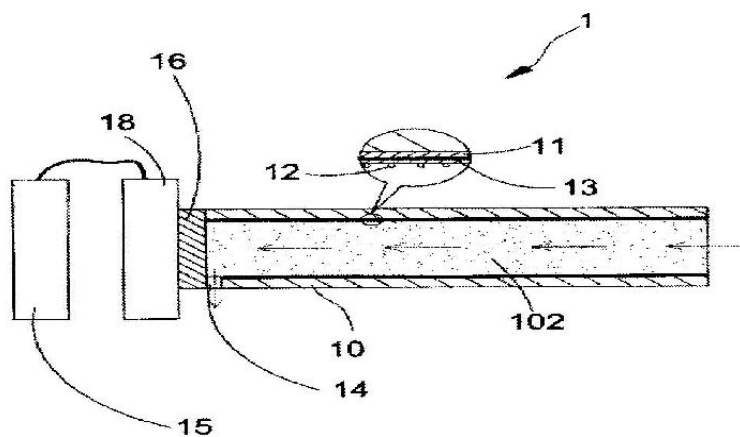
1)HOLYMA LIMITEDAddress of Applicant :13C RIDE WAY, ALBANY,
AUCKLAND, NEW ZEALAND

(72)Name of Inventor :

1)CHUNG-HSIEN CHEN

(57) Abstract :

An automatic pollution-free energy generation device is provided for a transport and is mounted to a wind-receiving portion of the transport. The energy generation device includes an air accumulation device, an electricity accumulator, an electrical discharge device, a sensor, and an air outlet. The air accumulation device forms a temporal air storage chamber, which receives air to flow therethrough. The electricity accumulator is arranged inside the air accumulation device is operable to perform electrical discharge to the air inside the chamber or is controlled by a control device to discharge electricity, whereby fluid molecules of air carry electricity that is converted into electrical power to be collected by the electricity accumulator and converted by a current conversion controller into direct current to be stored in a battery or to be directly used by the transport.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2753/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : AN I.V. INDICATOR

(51) International classification

:B29D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)ASHUTOSH KUMAR

Address of Applicant :JOHNSON AUTOMATION &
CONTROL, J-3/314, DDA FLATS, KALKAJI, NEW DELHI -
110019 India

2)CHIDI OHAGI

(72)Name of Inventor :

1)ASHUTOSH KUMAR

2)CHIDI OHAGI

(57) Abstract :

This invention relates to an I.V. Indicator comprising of a housing accommodating a microcontroller connected to I.V. bottle hanger, weight of bottle is indicated in a display wherein said microcontroller alarms as the weight of said bottle goes below a particular limit and in case of blockage of fluid.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2628/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : SINKER CONTROL APPARATUS FOR FLAT KNITTING MACHINES

(51) International classification	:D04B 15/06	(71)Name of Applicant : 1)PAI LUNG MACHINERY MILL CO.,LTD.
(31) Priority Document No	:NA	Address of Applicant :NO.8,TING-PING RD.,RUIFANG
(32) Priority Date	:NA	DISTRICT,NEW TAIPEI CITY,TAIWAN
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)YI CHEN CHEN
Filing Date	:NA	2)KAI YING CHENG
(87) International Publication No	:N/A	3)JIAN-HAO PENG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A sinker control apparatus (30) for flat knitting machines located on a transverse board (12) over a plurality of knitting needles (21) to drive parallel sinkers (22) hinged between the knitting needles (21) to rotate. The sinker control apparatus (30) includes a base (31), a linked movement portion (32) located on the base (31) to perform driving movements, a first control cam (33) and a second control cam (34) hinged on the linked movement portion (32), and a switching portion (35) coupled with the linked movement portion (32). The switching portion (32) includes at least one connection rod (351) connecting to the linked movement portion (32), a switching seat (352) coupled on the connection rod (351) and an elastic element (40) coupled around the connection rod (351) to provide a butting force to the switching seat (352) towards the transverse board (12). The switching seat (352) has a magnetic attracting portion (50) at one side facing the transverse board (12) to attract the transverse board (12) magnetically.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2630/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR SHARING GEOGRAPHICAL COORDINATES BETWEEN COMMUNICATION DEVICES USING COLLABORATION APPROXIMATION

<p>(51) International classification :H04W4/02</p> <p>(31) Priority Document No :NA</p> <p>(32) Priority Date :NA</p> <p>(33) Name of priority country :NA</p> <p>(86) International Application No :NA</p> <p>Filing Date :NA</p> <p>(87) International Publication No :N/A</p> <p>(61) Patent of Addition to Application Number :NA</p> <p>Filing Date :NA</p> <p>(62) Divisional to Application Number :NA</p> <p>Filing Date :NA</p>	<p>(71)Name of Applicant :</p> <p>1)TATA CONSULTANCY SERVICES LIMITED</p> <p>Address of Applicant :NIRMAL BUILDING,9TH FLOOR,NARIMAN POINT,MUMBAI 400021,MAHARASHTRA,INDIA.</p> <p>(72)Name of Inventor :</p> <p>1)GORE, KUSHAL</p> <p>2)CHITTUR, RAVICHANDER KARTHIK</p> <p>3)LOBO, SYLVAN</p> <p>4)WARUDKAR,DIPTEE</p> <p>5)IYER, VINAYAK</p> <p>6)GOKARN,PRABHATH</p> <p>7)NIGAM, APURV</p> <p>8)KABRA PRIYANKA</p> <p>9)DOKE PANKAJ</p> <p>10)KIMBAHUNE SANJAY</p>
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(57) Abstract :

The invention relates to a system and method for detecting and sharing the geographical coordinates between a plurality of communication devices by a collaboration approximation technique. The system uses a short range wireless protocol for enabling communication among the plurality of communication devices and for sharing the geographical coordinates between the plurality of communication devices at a collaboration platform in a resource efficient manner. The invention involves determination of geographical coordinates by one or more first communication device by using Global Positioning System (GPS), by transmitting request to its network provider or a combination thereof and then sharing its geographical coordinates with the other communication devices. The system also determines the error level associated with the geographical coordinates shared among the plurality of communication devices.

No. of Pages : 25 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2651/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :19/09/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR REAL-TIME ANALYSIS OF TELEMATICS DATA USING CROWD SOURCING AND CLOUD-COMPUTING

(51) International classification	:G06F17/30, G06F17/60	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING,9TH FLOOR,NARIMAN POINT,MUMBAI 400021,MAHARASHTRA,INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)PRATEEP MISRA
(33) Name of priority country	:NA	2)ARPAN PAL
(86) International Application No	:NA	3)BALAMURALIDHAR PURUSHOTHAMAN
Filing Date	:NA	4)CHIRABRATA BHAUMIK
(87) International Publication No	:N/A	5)DEEPAK SWAMY
(61) Patent of Addition to Application Number	:NA	6)VENKATRAMANAN SIVA SUBRAHMANIAN
Filing Date	:NA	7)N/A
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for real-time analytics of sensor-based data is disclosed. Also disclosed is a Cloud-based Platform-as-a-Service (PaaS) offering for sensor driven applications with services and features for their complete life-cycle management including prompt development, testing, deployment and so forth. The method of the present invention enables real-time tracking of various physical parameters and attributes related to smart-spaces using sensor devices implemented in the premises of the smart-space environment and using crowd-sourced user input data. Further, the parameters obtained are sent to the cloud-computing server, wherein the analytics is performed in real-time based on the obtained parameters.. Further, the method and system of the present invention enables provision of Intelligent Transportation Service on the Cloud-based Platform that facilitates creation and deployment of vehicle telemetry applications configured for enabling traffic measurements, traffic shaping, vehicle surveillance and other vehicle related services.

No. of Pages : 70 No. of Claims : 57

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1562/MUM/2009 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : NUMEROLOGICAL CLOCK DIALS WHICH CONTAIN AMAZING AND CURIOUS MATHEMATICAL EXPRESSIONS AS A TIME INDICATING NUMBER

(51) International classification	:G09B23/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LAKAL AMOL SAHEBRAO
(32) Priority Date	:NA	Address of Applicant :402, CHINTAMANI CHS, E-68, SEC-
(33) Name of priority country	:NA	9, AIROLI, NAVI MUMBAI-400708. Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)LAKAL AMOL SAHEBRAO
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The style or method is useful to create a Numerological article which is used for number of times by a person in a day. The followers and believers of Numerology who are using a either wall-Clock, Table-Clock or Watch may feel happy, provided that these things should accomplish dials made by this style or method of single number expressions. The above method of writing Clock dials in a unique and amusing style can provide a good brain exercise to the new students of mathematics. And also can be enjoyed by the true lovers of mathematics. Thus people can keep their mathematical skills alive.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2636/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARING FESOTERODINE AND ITS SALT

(51) International classification	:A61K	(71)Name of Applicant :
	9/00	1)WOCKHARDT LIMITED
(31) Priority Document No	:NA	Address of Applicant :D-4 MIDC Industrial area
(32) Priority Date	:NA	Chikalthana Aurangabad - 431210 M.S. India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Shukla Jagdish Dattopant
Filing Date	:NA	2)Yadav Ramprasad
(87) International Publication No	: NA	3)Merwade Arvind Yekanathsa
(61) Patent of Addition to Application Number	:NA	4)Deo Keshav
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for the preparation of Fesoterodine from 5-hydroxy methyl Tolterodine by using a mixture of organic solvents to reduce the formation of structural related impurities in Fesoterodine or its pharmaceutically acceptable salt.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2637/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARING INTERMEDIATES OF DEXTROMETHORPHAN

(51) International classification	:C07C 103/00	(71)Name of Applicant : 1)WOCKHARDT LIMITED
(31) Priority Document No	:NA	Address of Applicant :D-4 MIDC Industrial area
(32) Priority Date	:NA	Chikalthana Aurangabad - 431210 M.S. India
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)Rai Vikas Chandra
Filing Date	:NA	2)Farooqui Ismail Mohammad
(87) International Publication No	: NA	3)Naithani Pankaj Kumar
(61) Patent of Addition to Application Number	:NA	4)Merwade Arvind Yekanathsa
Filing Date	:NA	5)Deo Keshav
(62) Divisional to Application Number	:NA	6)Kumar Yatendra
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved process for the preparation of intermediates of Dextromethorphan, N-[2-(1-cyclohexen-1-yl)ethyl]-2-(4-methoxyphenyl)acetamide and N-Formyl morphinan.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2655/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :19/09/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARATION OF PITAVASTATIN CALCIUM AND POLYMORH THEREOF

(51) International classification	:A61P 3/00	(71)Name of Applicant : 1)CADILA HEALTHCARE LIMITED
(31) Priority Document No	:NA	Address of Applicant :CADILA HEALTHCARE LIMITED
(32) Priority Date	:NA	PLOT NO.26-29 & 31, DABHASA-UMARAYA ROAD, VILL.
(33) Name of priority country	:NA	DABHASA-391 440, TAL. PADRA, DIST. VADODARA,
(86) International Application No	:NA	GUJARAT, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)DWIVEDI SHRIPRAKASH DHAR
(61) Patent of Addition to Application Number	:NA	2)PATEL DHIMANT JASUBHAI
Filing Date	:NA	3)SHAH ALPESH PRAVINCHANDRA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides the process for the preparation of pitavastatin and its pharmaceutically acceptable salts thereof. In particular, the invention provides a process for the preparation of storage stable pitavastatin calcium in crystalline form having water content in the range of 5% to 10% wt/wt The present invention also provides stable crystalline form of pitavastatin calcium substantially free from crystal Form-A and use thereof for pharmaceutical compositions.

No. of Pages : 31 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2657/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : CASING PIPE FITTED WITH A PILLAR

(51) International classification	:E21B 17/00,E21B 19/00	(71) Name of Applicant : 1)MR. PRAKASH G. MUNDHRA Address of Applicant :SHANTIKUNJ,16,GRUHKUL HOUSING SOCIETY,BEHIND KASHINATH LODGE,MIDC AREA,JALGAON-425003 Maharashtra India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)N/A
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A casing Pipe with a pillar wherein the pillar, almost the same size of the inner diameter of the casing pipe, is fitted inside the casing pipe, thus giving the casing pipe an extra layer of protection in its most vulnerable area and enable the said portion to bear more than double the pressure from outside.

No. of Pages : 7 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2670/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :21/09/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : THE CHOKE VALVE UNIT FOR FLUID HANDLING.

(51) International classification	:F16K 47/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NARENDRAKUMAR SUABHAGYACHAND SHAH
(32) Priority Date	:NA	Address of Applicant :C/O JVS ENGINEERS,A-
(33) Name of priority country	:NA	1/33,GIDC,MAKARPURA,VADODARA 390 010 Gujarat India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. JASWANT VRAJLAL MISTRY
(87) International Publication No	:N/A	2)NARENDRAKUMAR SAUBHAGYACHAND SHAH
(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 fluid handling choke valve unit more particularly to a velocity control multi path multi stage multi storey right angle flow path trim for high pressure drop adjustable chokes. Therefore the object of the present invention is to control the flow velocity and flow pressure in engineering way, save the cost by removing number of pressure drop valves in series and use only one new designed choke valve, use proper technology to design choke trim and make sure that flow and pressure is being handled in proper way so that downstream equipments can be safe from high pressure and high velocity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2660/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : A FLARE JAW MECHANISM FOR STEM MACHINE FOR MAKING LAMPS, AND A STEM MACHINE THEROF.

(51) International classification	:B21D 41/00	(71)Name of Applicant : 1)CROMPTON GREAVES LIMITED
(31) Priority Document No	:NA	Address of Applicant :CROMPTON GREAVES LTD., CG
(32) Priority Date	:NA	HOUSE,6TH FLOOR, DR.ANNIE BESANT ROAD,WORLI,
(33) Name of priority country	:NA	MUMBAI-400 030, MAHARASHTRA,INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MUKHEKAR JAYKRISHNA PARSHURAM
(87) International Publication No	:N/A	2)KUMARASWAMY KONAMKI KANAKADRIAH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An improved flare jaw mechanism for a stem machine, for gripping a flare, said mechanism comprises: a first jaw being a fixed straight jaw having a straight inner surface to mate with said flare, and having a fixation point; and a second jaw being a V-jaw having a recess such that inclined surfaces which form the arms of said V-jaw mate with said flare said second jaw characterised by a pair of flare centering screws orthogonally passing through each of said arms of said V-jaw such that said screws are adapted to move radially in and out of said jaw so as to obtain accurate centering whilst gripping said flare from a direction which is angularly displaced with respect to said first jaw gripping. A stem machine with said flare jaw mechanism is thus provided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2661/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : A SEALING PIN FOR A SEALING MACHINE FOR MAKING LAMPS AND A SEALING MACHINE THEROF.

(51) International classification	:F16J 15/00	(71) Name of Applicant : 1)CROMPTON GREAVES LIMITED
(31) Priority Document No	:NA	Address of Applicant :CROMPTON GREAVES LTD., CG
(32) Priority Date	:NA	HOUSE,6TH FLOOR, DR.ANNIE BESANT ROAD,WORLI,
(33) Name of priority country	:NA	MUMBAI-400 030,MAHARASHTRA,INDIA.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MUKHEKAR JAYKRISHNA PARSHURAM
(87) International Publication No	:N/A	2)KUMARASWAMY KONAMKI KANAKADRIAH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A sealing pin for a sealing machine for making lamps said sealing pin being a cylindrical member with a flange member at its operative top portion, said sealing pin comprises: an extended tip or a mounting pin rising above said flange portion at the operative top of said sealing pin, thereby providing a mount seating arrangement for effective centering of mount with a glass shell of a bulb in an accurate manner; and plurality of air provision slots, equi-angularly displaced about a radial axis of said sealing pin, which slots match slots provisioned in a sleeve portion of the mount. A sealing machine with said sealing pin is thus provided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2682/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : ZERO ENERGY AUTOMATIC RUNOFF SAMPLER FOR SMALL WATERSHEDS

(51) International classification	:G01N 1/10	(71)Name of Applicant : 1)DR. GOPAL KUMAR
(31) Priority Document No	:NA	Address of Applicant :CENTRAL SOIL AND WATER
(32) Priority Date	:NA	CONSERVATION RESEARCH AND TRAINING INSTITUTE,
(33) Name of priority country	:NA	RESEARCH CENTRE-VASAD, (OPPOSITE-VASAD
(86) International Application No	:NA	RAILWAY STATION), DISTRICT:-ANAND, 388306. Gujarat
Filing Date	:NA	India
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)DR. GOPAL KUMAR
Filing Date	:NA	2)DR. DIPAKA RANJAN SENA
(62) Divisional to Application Number	:NA	3)DR. RAVISHANKAR KUROTHE
Filing Date	:NA	

(57) Abstract :

Automatic runoff samplers are already developed and some of them are patented too. Almost all runoff samples developed so far collect non representative samples of storm, generally moment samples or composites of entire runoff event. There are few with provision of collecting time distributed samples but use high end electromechanical gadgets and external power source and hence very expensive yet no free of bias. Present invention offers a cost effective automatic runoff samplers that does not need external source of energy. Representative samples from nappe (fall over weir) are collected by triangular section interceptors each representing different section of flow over weir. Intercepted discharge is reduced by means of series of V-section channel and diamond section interceptor cum channel fitted one below another with incremental grade, to a defined rate of 10 lit per hour or less. A reduced discharge is time distributed for each 15 minute intervals by means of tube arm attached to a clock mounted funnel base. Funnel attached to a tube rotates like clock arm of high torque clock and carries reduced discharge to 96 to 100 notches, mounted on a circular frame in which each notch receives samples for 15 minutes duration. Discharge from each notch is carried to and stored in cylinder of capacity 2.5 lit. Set of 96-100 cylinders are proposed to keep in trench supported by wire frame in order to fulfil head requirement of device in case of low fall from weir. System is designed for peak expected flow of weir and capable of collecting a measurable volume even in case of low flow. The invention is capable of collecting samples composited for each 15 minute or defined time intervals. Low cost, easy manufacturing, maintenance and no need of extra energy is the core of invention that is likely to boost watershed monitoring for sediment dynamics.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2685/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : DEVICE OF AUTOMATIC SAMPLING AND MEASUREMENT OF RUNOFF.

(51) International classification	:G01N 1/20	(71)Name of Applicant : 1)DR. GOPAL KUMAR
(31) Priority Document No	:NA	Address of Applicant :CENTRAL SOIL AND WATER
(32) Priority Date	:NA	CONSERVATION RESEARCH AND TRAINING INSTITUTE,
(33) Name of priority country	:NA	RESEARCH CENTRE-VASAD, (OPPOSITE-VASAD
(86) International Application No	:NA	RAILWAY STATION), DIST:-ANAND, 388306. Gujarat India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)DR. GOPAL KUMAR
(61) Patent of Addition to Application Number	:NA	2)DR. DIPAKA RANJAN SENA
Filing Date	:NA	3)DR. RAVISHANKAR KUROTHE
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Present invention offers a cost effective automatic runoff sampler that does not need external source of energy. Time integrated, depth integrated and width representative samples are collected by triangular section interceptors each representing different section of flow over weir. Single interceptor is used in case of V-notch. Intercepted discharge is reduced by means of multi-slot divisor connected to a rectangular section channel or by intercepting through triangular section interceptor in series one down another. A reduced discharge (about 50 lit/hour) by above method is time resolved for each 15 minute intervals by means of funnel on top of a cylinder which is mounted over high torque clock. A slanted tube attached to the base of funnel carries reduced discharge to 96 notches mounted on a circular frame in which each notch receives samples for 15 minutes duration. Discharge from each notch is carried to paired bottle system in which first bottle receives discharge and after filling it the rest passes through nylon or cloth mesh on the top of first bottle. Mesh opening is of 5 micron hence retains sediment of size greater than 5 micron. The partially filtered aliquot goes to second bottle kept in lying position just below first where it create a sort of turbulence through increased speed of flow by means of constricted/reduced end touching the lower wall. After filling to a level rest volume comes out through a tube that goes to a cylindrical reservoir with siphon arrangement The rise and fall in the cylindrical reservoir is recorded against time on a graph paper wrapped over the clock mounted cylinder (whose top supports funnel) by means of stilling well float, float guide and attached pen. Two samples are collected from paired bottle and dried for concentration. Concentration is obtained using mass balance equation and relationship defined between concentrations of flow going to cylindrical reservoir which has been developed by the inventors using wide range of data. Further, weir specific relation between actual discharge and intercepted discharge by means of device are developed and used for estimating missing discharge data by means of data collected through the device invented.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3228/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :15/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD FOR SCHEDULING RADIO ACTIVITIES FOR MULTIPLE RAT MODULES SHARING ONE ANTENNA IN A COMMUNICATIONS APPARATUS AND COMMUNICATIONS APPARATUS AND COMMUNICATIONS APPARATUSES UTILIZING THE SAME

(51) International classification	:H04W 76/00
(31) Priority Document No	:13/240,875
(32) Priority Date	:22/09/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:N/A
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MEDIA TEK INC.
Address of Applicant :NO.1,DUSING RD.1ST.,SCIENCE-
BASED INDUSTRIAL PARK,HSIN-CHU 300, TAIWAN,
(72)**Name of Inventor :**
1)HUNG-YUEH CHEN
2)JUI-PING LIEN
3)CHIA-YI HUANG

(57) Abstract :

A communication apparatus is provided. A processor is coupled to a first radio access technology (RAT) module, a second RAT module and a radio transceiver shared by the first and second RAT modules. The first RAT module camps on a first serving cell belonging to a first wireless network and is in a packet transfer mode to perform data transfer in the first wireless network via the radio transceiver. The second RAT module camps on a second serving cell belonging to a second wireless network. The processor schedules the second RAT module to receive at least one neighbor cell's information in a portion of a plurality of predetermined frames during the data transfer of the first RAT module via the radio transceiver.

No. of Pages : 32 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2640/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :19/09/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : COMPOSITE PRESSURE VESSEL AND MANUFACTURING PROCESS THEREOF

(51) International classification	:B29C 53/60, F17C 13/00	(71) Name of Applicant : 1)AUTODYNAMIC ENGINEERING PRIVATE LIMITED Address of Applicant :H-402,PINNAC KANCHANGANGA,D.P.ROAD,AUNDH,PUNE-411007 MAHARASHTRA,INDIA.
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)SANDEEP HIRU JAISINGHANI
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	:N/A	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a composite pressure vessel for holding pressurized fluid. The vessel having a body of laminate for providing outermost cover. Further, the vessel having a liner disposed inside the body of laminate. Moreover, the vessel having a boss disposed on a side of the body of laminate for communicating with an interior portion of liner.

No. of Pages : 16 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2642/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :19/09/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : A LOADING, INSERTING AND RELEASING MEANS FOR AN INTRAUTERINE DEVICE

(51) International classification	:A61F 6/14	(71) Name of Applicant : 1)PREGNA INTERNATIONAL LIMITED
(31) Priority Document No	:NA	Address of Applicant :13,SURYODAY
(32) Priority Date	:NA	ESTATE,136,TARDEO ROAD,MUMBAI-400034, Maharashtra
(33) Name of priority country	:NA	India
(86) International Application No	:NA	2)TICKET DESIGN PVT LTD
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	:N/A	1)NISHMA PANDIT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a loading, inserting and releasing means (a loading means) for T-shaped intrauterine device (IUD) into uterus. The loading means comprises a shaft member having a loader, an inserter tube, an IUD and a plunger. The loading means includes a platform configured at a proximal end of the loader for holding the IUD in an open position, and an elongated member extending from the platform. The elongated member includes a slot running therethrough aligned to the opening of the loader. Further, the loading means includes a plunger within an inserter tube capable of running through a slot provided with markings thereon. The inserter tube is provided with a knob for pushing the inserter tube along with plunger in forward and backward direction for inserting and releasing the T-shaped IUD into the uterus.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2664/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :20/09/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : FLUORIDE REMOVAL FOR WATER PURIFICATION

(51) International classification	:C02F 1/00	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED
(31) Priority Document No	:NA	Address of Applicant :Nirmal Building 9th Floor Nariman
(32) Priority Date	:NA	Point Maharashtra India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)Ahmad Dilshad
Filing Date	:NA	
(87) 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 subject matter described herein relates to a method for purification of water. The method involves adjusting pH level of the water to provide conditioned water. The conditioned water is then passed through a primary adsorption media which adsorbs a first portion of fluoride ions present in the conditioned water to provide defluoridated water. A second portion of the fluoride ions present in the defluoridated water is subsequently adsorbed by a secondary adsorption media to provide purified water

No. of Pages : 31 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2674/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : DETFOLD

(51) International classification

:B60P
1/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:N/A

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)BHASKAR M. KARANDIKAR

Address of Applicant :B-102, SOURABH SOCIETY, 1471
KARVENAGAR, PUNE-411052,MAHARASHTRA,INDIA.

(72)Name of Inventor :

1)BHASKAR M. KARANDIKAR

(57) Abstract :

The DETFOLD, attachable & detachable folding ergonomically designed vendor cart with spatial arrangement of attachment surrounding the two wheeler vehicle from three sides (front side, right side & left side, open from back

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2676/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : PHARMACEUTICAL NASAL SPRAY COMPOSITION FOR DELIVERY OF DRUGS

(51) International classification	:A61P 25/08	(71)Name of Applicant : 1)VAVIA PRADEEP RATILAL
(31) Priority Document No	:NA	Address of Applicant :DEPT. OF PHARMACEUTICAL
(32) Priority Date	:NA	SCIENCES AND TECHNOLOGY, INSTITUTE OF
(33) Name of priority country	:NA	CHEMICAL TECHNOLOGY (DEEMED UNIVERSITY),
(86) International Application No	:NA	NATHALAL PARIKH MARG, MATUNGA (EAST), MUMBAI-
Filing Date	:NA	400 019, Maharashtra India
(87) International Publication No	:N/A	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)VAVIA PRADEEP RATILAL
Filing Date	:NA	2)SAINDANE NILESH SHIVAJI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention describes pharmaceutical compositions of nasal spray for systemic delivery of drugs. The pharmaceutical nasal spray composition which comprises nanosuspension phase which contains drug in form of nanosuspension which is stabilized either by surfactants or polymers or their combination and in-situ gelling phase which contains in-situ gelling polymer with other ingredients; pH modifier, preservative etc. These two phases are mixed to form uniform dispersion of nanosuspension in in- situ gelling phase.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3173/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :10/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : A COMPACT CHARGING DEVICE FOR A BLAST FURNACE BELL-LESS TOP

(51) International classification	:F27B 1/20
(31) Priority Document No	:201120354019.8
(32) Priority Date	:20/09/2011
(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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(72)**Name of Inventor :**
1)LIU Xinye
2)LI Jianguo
3)HUO Xiumei

(57) Abstract :

The present invention relates to a compact charging device for the blast furnace bell-less top comprising: a receiving bin used for receiving the charging; a compact discharging valve the receiving opening thereof is connected with the bottom of the receiving bin by the joint configuration; a hopper connected with the bottom of the discharging valve; a compact adjusting valve the receiving opening thereof is connected with the bottom of the hopper by the joint configuration; and a feeding device connected with the bottom of the adjusting valve. The charging device for the blast furnace bell-less top has compact structure and can be easily installed overhauled and maintained leading to a lower cost of construction investment and maintenance costs.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.118/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/01/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : BEACON TRANSMIT POWER SCHEMES

(51) International classification :H04W52/32
(31) Priority Document No :61/228/475
(32) Priority Date :24/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/043269
Filing Date :26/07/2010
(87) International Publication No :WO 2011/011792 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 :ATTN: INTERNATIONAL IP
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(72)**Name of Inventor :**
1)GROKP, LEONARD, H.
2)YAVUZ, MEHMET

(57) Abstract :

In a multi-level power transmission scheme, an access point transmits at one power level, while repeatedly transmitting at a burst power level for short periods of time. For example, a femto cell may transmit a beacon with periodic high power bursts of short duration, while the femto cell transmit power also undergoes high power bursts aligned with the beacon bursts. In a network listen-based power control scheme, an access point listens for one or more parameters sent over-the-air by the network and then defines transmit power based on the received parameter(s). In some aspects, beacon transmit power may be set based on a defined outage radius parameter and the total received signal power on a channel. In some aspects, access point transmit power may be set based on a defined coverage parameter and the received energy associated with signals from access points of a certain type.

No. of Pages : 66 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1346/CHE/2009 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR CREATING TRANSITION EFFECTS AMONG PAIRS OF IMAGES

(51) International classification	:G06F	(71) Name of Applicant :
(31) Priority Document No	:NA	1)Samsung Electronics Company
(32) Priority Date	:NA	Address of Applicant :416 Maetan-Dong Yeongtong-GU
(33) Name of priority country	:NA	SUWON-SI Gyeonggi-do 442-742 Republic of Korea
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Rajen Bhatt
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for transitioning between images is provided. The method includes analyzing contents of a source image. The method also includes determining transition effects based on the contents of the source image. The method further includes displaying the determined transition effects, thereby transitioning from the source image to a target image. The system includes a communication interface that receives a plurality of images and a display for displaying transitioning between the pluralities of images. The system also includes a storage device for storing instructions. The system further includes a processor responsive to the instructions further comprising a content analyzer unit to analyze contents of the plurality of images and a detector unit to determine a threshold value, based on the content of the source image. Furthermore the system includes a display that displays the transitioning.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1408/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : OUTSIDE HANDLE DEVICE FOR VEHICLE DOOR

(51) International classification	:E05B1/00
(31) Priority Document No	:2009-190365
(32) Priority Date	:19/08/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060519
Filing Date	:22/06/2010
(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)KABUSHIKI KAISHA HONDA LOCK
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Sadowara-cho Miyazaki-shi Miyazaki Japan
(72)**Name of Inventor :**
1)SAITOU Tadashi

(57) Abstract :

An outside handle device for a vehicle door is provided which comprises a base mounted on a vehicle door an operating handle extending lengthwise in a fore-and-aft direction of a vehicle and a support member assembled to the base while pivotably supporting a supported part formed in one end part in a longitudinal direction of the operating handle wherein the support member pivotably supported on the base so as to be pivotable between a pre-assembly holding position and an assembly completion position is formed so as to be held by the base so that at the pre-assembly holding position the support member can pivot toward the assembly completion position in response to a pressing force acting from the operating handle accompanying an operation of assembling the operating handle and so as to pivotably clasp the supported part

No. of Pages : 25 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1409/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : FINAL FOLDER FOR CARDBOARD PACKER

(51) International classification :B65B7/20
(31) Priority Document No :0901084-4
(32) Priority Date :17/08/2009
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2010/000204
Filing Date :17/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)Tetra Laval Holdings & Finance S.A
Address of Applicant :Avenue GÃnÃral-Guisan 70 CH-1009
Pully Switzerland
(72)Name of Inventor :
1)Tetra Laval Holdings & Finance S.A.
2)HANQUIST Max
3)ARILDSSON Jonas

(57) Abstract :

A folding unit for cardboard packer is disclosed which is adapted to close and seal a lid of a cardboard box(B).The folding unit comprises a conveyer (10) for transporting the cardboard box (B) to the folding unit (1) a transport means (22) for moving the box (B) and / or a folding means (23) into contact with each other and further also a catch (21) that is arranged adjacent the conveyer (10) for stopping the box(B) at a folding position wherein the folding unit (1) further comprises a sensor (27) for detecting when the catch (21) has stopped a box (B) for activating the transport means (22) such that the box(B) can be final folded.

No. of Pages : 16 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1245/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :29/05/2009

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR GENERATING AN ELECTRONIC PROGRAM GUIDE

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Samsung Electronics Company
(32) Priority Date	:NA	Address of Applicant :416 Maetan-Dong Yeongtong-GU
(33) Name of priority country	:NA	SUWON-SI Gyeonggi-do 442-742 Republic of Korea
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Chhavi Bhandari
(87) International Publication No	: NA	2)Anish mehta
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for generating an electronic program guide is provided. The method includes receiving a signal indicating selection of a scene mode. The method also includes identifying valid contextual keywords from closed captions corresponding to the scene mode, based on one or more rules and generating one or more related keywords logically similar to the identified valid contextual keywords. The method further includes identifying electronic program guide data based on the identified valid contextual keywords and the one or more related keywords and electronically providing the electronic program guide data. The system includes a communication interface that receives a signal indicative of a mode and a display for displaying electronic program guide data. The system also includes a storage device for storing instructions and the electronic program guide data. Further, the system includes a processor to perform one or more operations.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1410/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : IMAGE PROCESSING DEVICE CONTROL METHOD FOR IMAGE PROCESSING DEVICE
CONTROL PROGRAM FOR IMAGE PROCESSING DEVICE AND RECORDING MEDIUM IN WHICH CONTROL PROGRAM
IS RECORDED

(51) International classification	:G09G5/00	(71)Name of Applicant :
(31) Priority Document No	:2009-180078	1)SHARP KABUSHIKI KAISHA
(32) Priority Date	:31/07/2009	Address of Applicant :22-22 Nagaike-cho Abeno-ku Osaka-
(33) Name of priority country	:Japan	shi Osaka 545-8522 Japan
(86) International Application No	:PCT/JP2010/062790	(72)Name of Inventor :
Filing Date	:29/07/2010	1)YOSHITANI Hitoshi
(87) International Publication No	: NA	2)KAMON Yuji
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an image processing device capable of realizing appropriate color expression without requiring a large increase in data amount of image data for displaying a composite screen. A television broadcast receiver (1) includes a synthesis processing section (40) and an OSD processing section (24) for creating an OSD plane C as a composite screen in index color expression by combining an OSD plane U and OSD plane L which are display screens in the index color expression. By the processing section (40) and the OSD processing section (24) the OSD plane C for attaining a display effect in which the OSD plane U and OSD plane L are superimposed is created.

No. of Pages : 110 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1411/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : TABLETTING OF ERYTHRITOL AND ISOMALT

(51) International classification	:A23K1/16
(31) Priority Document No	:09010597.4
(32) Priority Date	:18/08/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/004223
Filing Date	:12/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Cargill Incorporated

Address of Applicant :15407 McGinty Road West Wayzata
Minnesota -55391 U.S.A.

(72)Name of Inventor :

1)BOGHMANS Catherine Patricia L.

2)MEEUS Liesbeth Maria Fernande

(57) Abstract :

Erythritol is granulated together with from 10% w/w to 50% w/w isomalt. Chewable tablets are prepared and the corresponding process is described.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1412/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : USE OF FILM-FORMING POLYMERS AND ORGANIC HOLLOW PARTICLES FOR COATING AGENTS

(51) International classification :C09D151/00

(31) Priority Document No :09166115.7

(32) Priority Date :22/07/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/060512

Filing Date :21/07/2010

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)BASF SE

Address of Applicant :67056 Ludwigshafen Germany

(72)Name of Inventor :

1)TUCHBREITER Arno

2)WAGNER Oliver

3)TITMARSH Chris

(57) Abstract :

The present invention relates to the use of a mixture made of film-forming polymers and organic hollow particles for coating agents particularly in coating compositions and to coating agents comprising such blends

No. of Pages : 41 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1421/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : MULTIPOINT EQUALIZATION FRAMEWORK FOR COORDINATED MULTIPOINT TRANSMISSION

(51) International classification	:H04J11/00
(31) Priority Document No	:61/236,008
(32) Priority Date	:21/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/046383
Filing Date	:23/08/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM Incorporated

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(72)Name of Inventor :

1)GOROKHOV Alexei Yurievitch

2)ANNAPUREDDY V. Sreekanth

3)BARBIERI Alan

4)MALLIK Siddhartha

5)GEIRHOFER Stefan

(57) Abstract :

Providing for a multipoint equalization (MPE) framework for coordinated multipoint (CoMP) transmission in wireless communication is described herein. The disclosed MPE framework involves distributed scheduling decisions for CoMP transmission reducing complexity of scheduling coordination as compared with centralized scheduling techniques that coordinate scheduling decisions for multiple network base stations. Further the MPE framework involves distributed computation of CoMP transmission coefficients relying on a maximum of two backhaul hops to obtain information for the computation and disseminate the transmission coefficients. The disclosed MPE framework shows substantial gains in various network deployments over conventional CoMP techniques.

No. of Pages : 73 No. of Claims : 57

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :09/06/2009

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR CONTENT BASED TRANSITION EFFECTS ON MULTIPLE FRAMES

(51) International classification	:G06F	(71) Name of Applicant :
(31) Priority Document No	:NA	1)Samsung Electronics Company
(32) Priority Date	:NA	Address of Applicant :416 Maetan-Dong Yeongtong-GU
(33) Name of priority country	:NA	SUWON-SI Gyeonggi-do 442-742 Republic of Korea
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Rajen Bhatt
(87) International Publication No	: NA	2)Shailendra Singh
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for transitioning between frames of an image is provided. The method includes applying a source frame on the image and analyzing contents of the image. The method also includes providing a transition mechanism comprising identifying contents of the source frame and determining transition effect based on the contents of the source frame. Further the method includes, applying the transition effect on the source frame and displaying the transition from the source frame to a target frame. The system includes a communication interface that receives a plurality of frames and a display for displaying transitioning between the plurality of frames. The system also includes a storage device for storing instructions, and a processor responsive to the instructions further comprising a content analyzer unit to analyze contents of the plurality of frames and a detector unit to determine a threshold value, based on the content of source frame.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1405/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :15/06/2009

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR SHARING SETTINGS IN ELECTRONIC DEVICES

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

(71)**Name of Applicant :**
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SUWON-SI Gyeonggi-do 442-742 Republic of Korea
(72)**Name of Inventor :**
1)Ridhi Chugh

(57) Abstract :

A method and system for sharing settings in electronic devices is provided. The method includes identifying a slave device based on an identifier and receiving a plurality of settings from the slave device. The method also includes saving the plurality of settings in a profile and applying the plurality of settings to the master device. The system includes a communication interface that connects the master device and a plurality of slave devices. The system also includes a master device comprising a storage device to store profiles and a pre-defined profile list and a display for displaying the settings. The system further includes a slave device comprising a user interface control unit to enable the settings for slave devices, a protocol control unit to control a first protocol and a second protocol and a display control unit to control the display of the master device.

No. of Pages : 25 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1425/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :17/06/2009

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR DEFINING VOLUME

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Samsung Electronics Company
(32) Priority Date	:NA	Address of Applicant :416 Maetan-Dong Yeongtong-GU
(33) Name of priority country	:NA	SUWON-SI Gyeonggi-do 442-742 Republic of Korea
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Divya Kothari
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for defining volume is provided. The method includes detecting a signal indicative of setting volume level of channels selectively without navigating to the channels. The method also includes receiving one or more signals indicative of selection of one or more channels. Further, the method includes receiving volume level for the one or more channels. Furthermore, the method includes applying the volume level for the one or more channels. The system includes an input device in communication with an electronic device. The electronic device includes a communication interface for receiving an input from a user and sending data in response to the input. The electronic device also includes a memory for storing information of one or more channels and a processor responsive to the communication request of the input.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1484/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :25/06/2009

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING AN ELECTRONIC USER MANUAL

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Samsung Electronics Company
(32) Priority Date	:NA	Address of Applicant :416 Maetan-Dong Yeongtong-GU
(33) Name of priority country	:NA	SUWON-SI Gyeonggi-do 442-742 Republic of Korea
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Ramandeep Kaur
(87) International Publication No	: NA	2)Aakash Manik
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for providing an electronic user manual is provided. The method includes receiving a signal indicative of a device being switched on. An option of selecting one of a set-up demo and the electronic user manual is provided. Further, the method includes receiving a request for playing the set-up demo. Further, the method includes playing, pausing and skipping the set-up demo based on the request. Furthermore, the method includes providing the contents of the electronic user manual. Further, the method includes providing an option to unsubscribe the set-up demo and saving a setting based on the unsubscribing of the set-up demo. The set-up demo and the user manual in the method correspond to an audio visual content. Furthermore, the method includes effecting a function mapped to a key, based on receiving another signal indicative of selection of a remote control option. Furthermore, the method includes troubleshooting contents.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1372/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :11/06/2009

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR IN-CAMERA CROPPING

(51) International classification	:H04N, G06T	(71) Name of Applicant : 1)Samsung Electronics Company
(31) Priority Document No	:NA	Address of Applicant :416 Maetan-Dong Yeongtong-GU
(32) Priority Date	:NA	SUWON-SI Gyeonggi-do 442-742 Republic of Korea
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)Ankur Gupta
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for in-camera cropping is provided. The method includes receiving one or more signals indicative of creation of one or more regions of interest based on a user input. The method also includes resizing and relocating the one or more regions of interest.. Further, the method includes detecting a flag corresponding to the use of multiple regions of interest and generating an image corresponding to the one or more regions of interest. Further, the method also includes providing standard shapes for creation of one or more regions of interest. Furthermore, the method includes receiving the one or more signals indicative of selection of one or more shapes as regions of interest.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1374/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :11/06/2009

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR ELECTRONIC COMMUNICATION USING A VISUAL IMAGE

(51) International classification	:H04N	(71) Name of Applicant :
(31) Priority Document No	:NA	1)Samsung Electronics Company
(32) Priority Date	:NA	Address of Applicant :416 Maetan-Dong Yeongtong-GU
(33) Name of priority country	:NA	SUWON-SI Gyeonggi-do 442-742 Republic of Korea
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Anuj Sharma
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and electronic device for electronic communication using a visual image is provided. The method includes associating one or more subjects on the visual image with corresponding subject identifiers. The method also includes receiving an input corresponding to at least one of the subject identifiers. Further, the method includes initiating the electronic communication with the one or more subjects associated with the subject identifiers in response to the input. The electronic device includes a communication interface in electronic communication with one or more remote devices of one or more subjects respectively. The electronic device also includes a processor to associate the one or more subjects on the visual image with corresponding subject identifiers and initiate the electronic communication with the one or more remote devices of the one or more subjects associated with the subject identifiers in response to an input corresponding to the subject identifiers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1406/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : CINEOLE□

(51) International classification :C07C13/00

(31) Priority Document No :2009903333

(32) Priority Date :16/07/2009

(33) Name of priority country :Australia

(86) International Application No :PCT/AU2010/000232

Filing Date :26/02/2010

(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)COMMONWEALTH SCIENTIFIC AND INDUSTRIAL
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Australian Capital Territory 2612 Australia

(72)Name of Inventor :

1)LEITA Benjamin Aldo

2)GRAY Peter

3)BURKE Nicholas Richard

4)OSHEA Michael Shane

5)TRIMM David Lawrence

(57) Abstract :

The present invention relates to a process for producing unsaturated cyclic and/or aromatic compounds from 1 8-cineole the process comprising pyrolysing 1 8-cineole in the presence of gamma-alumina supported transition metal catalyst.

No. of Pages : 34 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1407/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : A MICROFABRICATED DEVICE FOR METERING AN ANALYTE

(51) International classification	:B01L3/00
(31) Priority Document No	:0912509.7
(32) Priority Date	:17/07/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/004371
Filing Date	:16/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NORCHIP A/S

Address of Applicant :Industriveien 8 N-3490 Klokkearstua
NORWAY

(72)Name of Inventor :

1)KARLSEN Frank

2)GULLIKSEN Anja

3)SOLLI Lars Anders

(57) Abstract :

The present invention relates to a microfabricated device for metering an analyte comprising a nucleic acid sequence into a plurality of parallel reaction chambers for nucleic acid sequence amplification. The present invention further provides a method of metering an analyte into a plurality of parallel reaction units of an integrated microfabricated device.

No. of Pages : 49 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1416/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : FILE SYSTEM FOR DUAL OPERATING SYSTEMS

(51) International classification :G06F9/06
(31) Priority Document No :12/549,294
(32) Priority Date :27/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/046905
Filing Date :27/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HEWLETT-PACKARD DEVELOPMENT COMPANY L.P.
Address of Applicant :11445 Compaq Center Drive W.
Houston Texas 77070 U.S.A.
(72)**Name of Inventor :**
1)Banga GAURAV
2)Richard BRAMLEY
3)Dileep Venkata Rao MADHAVA

(57) Abstract :

Methods systems apparatuses and program products are disclosed for managing activating and controlling file systems sharing among two or more O/S (Operating Systems) and/or the like within a computing apparatus or within a single computer operational session or context. Provision is made for journaling and resynchronization of file systems even where at least one of the O/Ses has no features for taking account of the presence of the other O/S.

No. of Pages : 30 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2/CHE/2008 A

(19) INDIA

(22) Date of filing of Application :01/01/2008

(43) Publication Date : 22/03/2013

(54) Title of the invention : SPRING WIND OFF TOOL FOR A DIAPHRAGM TYPE SPRING BRAKE ACTUATOR OF THE AIR BRAKE SYSTEM OF A MOTOR VEHICLE

(51) International classification	:B60T7/20	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SUNDARAM CLAYTON LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATTES, 8
(33) Name of priority country	:NA	HADDOWS ROAD, CHENNAI - 600 006 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SUNDARAMAHALINGAM SELVAMANI
(87) International Publication No	: NA	2)ARUMUGHAM GANESAMOORTHY
(61) Patent of Addition to Application Number	:NA	3)ARANGARASAN SENTHIL KUMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Spring wind off tool for a diaphragm type spring brake actuator of the air brake system of a motor vehicle, having a threaded bolt with nut and washer, the internal diameter of the washer being larger than the outer periphery of the threads on The bolt; and a locating member on the nut or matter engaging with the washer or nut for keeping the internal periphery of said washer always out of contact with the outer periphery of the threads on the bolt.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1445/CHE/2009 A

(19) INDIA

(22) Date of filing of Application :18/06/2009

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR ADAPTIVELY RENDERING PERSPECTIVE VIEW OF DISPLAY OBJECTS ON AN ELECTRONIC USER INTERFACE

(51) International classification	:G06T	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Samsung Electronics Company
(32) Priority Date	:NA	Address of Applicant :416 Maetan-Dong Yeongtong-GU
(33) Name of priority country	:NA	SUWON-SI Gyeonggi-do 442-742 Republic of Korea
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Sanjiv Malik
(87) International Publication No	: NA	2)Vikas Mehto
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and electronic device for adaptively rendering perspective view of display objects on an electronic user interface is provided. The method includes detecting relative movement of the electronic user interface using multiple motion sensors. The method also includes receiving an input from the motion sensors and determining perspective transformation of the display objects based on the input. Furthermore, the method includes applying the perspective transformation to the display objects and adaptively rendering perspective view of display objects on the electronic user interface. The electronic device includes an electronic user interface in electronic communication with multiple motion sensors, a communication interface to receive an input from the motion sensors. The electronic device also includes a processor to determine perspective transformation of the display objects based on the input, apply the perspective transformation to the display objects, and render perspective view of display objects on the electronic user interface adaptively.

No. of Pages : 26 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2064/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :20/07/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : A PROCESS TO PREPARE ANTIOXIDANT AND ANTIINFLAMMATORY CONCENTRATES FROM BROWN AND RED SEAWEEDS AND A PRODUCT THEREOF

(51) International classification	:A61K36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :KRISHI BHAVAN, DR. RAJENDRA
(33) Name of priority country	:NA	PRASAD ROAD, NEW DELHI - 110 001 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHAKRABORTY KAJAL
(87) International Publication No	: NA	2)PRAVEEN NAMMUNAYATHUPUTHENKOTTA
(61) Patent of Addition to Application Number	:NA	KRISHNANKARTHA
Filing Date	:NA	3)VIJAYAN KOYADAN KIZHAKEDATH
(62) Divisional to Application Number	:NA	4)SYDA RAO GONUGUNTLA
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process of preparing a food supplement composition consisting essentially of a mixture of synergistically supporting extracts of red seaweeds and brown seaweed with antioxidant and anti-inflammatory properties and process of preparation thereof. The red seaweed extract is a combination of Gelidiella acerosa, Jania rubens and Acanthophora specifera extracts and brown seaweed extract is a combination of Turbinaria conoides, Turbinaria ornata, Sargassum longifolium and Spathoglossum asperum extracts. The food supplement composition contains a higher amount of total phenolic content (TPC) , antioxidant activity (ABTS) - 2,2-azino-bis-3ethylbenzothiozoline-6-sulfonic acid diammonium salt, free radical scavenging activity of stable radicals (DPPH) -1,1-diphenyl-2-picryl-hydrazil hydroxyl radical scavenging ability of short lived radicals, scavenging of hydrogen peroxide, reducing ability, metal ion chelating ability, and reduced lipid peroxidation ability - TBARS - thiobarbituric acid-reactive substances compared to the corresponding levels of brown seaweeds and red sea weeds.

No. of Pages : 58 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2066/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :20/07/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : A PRODUCT CONTAINING ANTI-INFLAMMATORY PRINCIPLES FROM GREEN MUSSEL PERNA VIRIDIS L. AND A PROCESS THEREOF

(51) International classification	:a61k36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :KRISHI BHAVAN, DR. RAJENDRA
(33) Name of priority country	:NA	PRASAD ROAD, NEW DELHI - 110 001 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)CHAKRABORTY KAJAL
(87) International Publication No	: NA	2)VIJAYAN KOYADAN KIZHAKEDATH
(61) Patent of Addition to Application Number	:NA	3)VIJAYAGOPAL PANANGHAT
Filing Date	:NA	4)SYDA RAO GONUGUNTLA
(62) Divisional to Application Number	:NA	5)JOSEPH DEEPU
Filing Date	:NA	6)CHAKKALAKAL SELSA JOSE

(57) Abstract :

The present invention relates to a nutritive composition with antioxidant and anti-inflammatory properties and process of preparation thereof. The composition comprises of lyophilized mussel powder and a nutrient powder which is a combination of extract of plant rhizome, extract of plurality of ripe fruits and seaweeds and includes plurality of water soluble oleoresins. The process of preparation involves preparing a lyophilized mussel powder from perna viridis and preparing a lyophilized nutrient powder from an extract of rhizome of a plant, synergistically supporting extracts of plurality of ripe fruits, synergistically supporting extracts of plurality of seaweeds and plurality of water soluble oleoresins, and mixing the prepared lyophilized mussel powder with synergistically supporting portion of the prepared nutrient powder to form the composition.

No. of Pages : 76 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2099/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :23/07/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : GRAVITATIONAL POWER GENERATION PLANT

(51) International classification

:F03D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SHAIK SAIDA

Address of Applicant :H.NO. 3-14-116/108, CHITRASEEMA

COLONY, VANASTHALIPURAM, HYDERABAD - 500 070

Andhra Pradesh India

(72)Name of Inventor :

1)SHAIK SAIDA

(57) Abstract :

The device is useful in generating electricity .the device consists of a fan of 5/7/9 FRP blades and an alternator connected to the drive shaft directly or by belt or chain technology. The device uses the gravitational force and the wind as an external energy requirement to rotate the fan .the rotations of the fan are converted into electrical energy using the alternator.

No. of Pages : 16 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2005/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :15/07/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF INTERMEDIATES OF BENDAMUSTINE

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BIOPHORE INDIA PHARMACEUTICALS PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :PLOT #193, PREMISES # 5-35/50,
(33) Name of priority country	:NA	PRASHANT NAGAR, KUKATPALLY, HYDERABAD - 500
(86) International Application No	:NA	072. Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MANIK REDDY PULLAGURLA
(61) Patent of Addition to Application Number	:NA	2)JAGADEESH BABU RANGISETTY
Filing Date	:NA	3)S. I. DAVIS PRESLEY
(62) Divisional to Application Number	:NA	4)RADHA NAGARAPU
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for the preparation of 4-{5-[Bis -(2- hydroxyl-ethyl)-amino]-1-methyl-1H-Benzoimidazol-2yl}-butyric acid ethyl ester of formula IV, a key intermediate in the process for the preparation of Bendamustine HCl (I).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2038/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :16/01/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : A COMPOSITION AND FORMULATION COMPRISING A COMBINATION OF BIGUANIDE AND DERIVATIVE OF VITAMINS

(51) International classification	:A61K31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RAMANAN EZHIL ARASAN
(32) Priority Date	:NA	Address of Applicant :PLOT NO 1026A, 76TH STREET,
(33) Name of priority country	:NA	12TH SECTOR, K.K.NAGAR, CHENNAI - 600 078. Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAMANAN EZHIL ARASAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a synergistic composition comprising of combination of metformin and benfotiamine for treating diabetes mellitus and its complication Polycystic ovarian syndrome, disorders associated with renal dysfunctions, Non alcoholic fatty liver disease, insulin resistance and its related complications, obesity, obesity induced hypertension, metabolic syndrome and other complications caused by advanced glycation end products. The invention is designed at to reduce the dosage amount of metformin by introducing benfotiamine in the composition thereby reducing the risk of lactic acidosis. The formulated synergistic composition is administered for the management of diabetic complications by effectively reducing the advanced glycation end products.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2063/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :20/07/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : A PROCESS TO PREPARE NATURALISED ARTEMIA FRANCESCIANA FROM INDIAN SUBCONTINENT WITH HIGH DOCOSAHEXAENOIC ACID AND TREHALOSE FOR AQUACULTURE APPLICATIONS

(51) International classification	:A01K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN COUNCIL OF AGRICULTURAL RESEARCH
(32) Priority Date	:NA	Address of Applicant :KRISHI BHAVAN, DR. RAJENDRA
(33) Name of priority country	:NA	PRASAD ROAD, NEW DELHI - 110 001 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)THOMAS P C
(87) International Publication No	: NA	2)VIKAS P A
(61) Patent of Addition to Application Number	:NA	3)CHAKRABORTY K
Filing Date	:NA	4)SAJESHKUMAR N K
(62) Divisional to Application Number	:NA	5)VIJAYAN K K
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process of preparing an enriched live feed from Artemia nauplli for raising fish in salinied seawater. The process involves feeding the young freshly hatched Artemia nauplli on marine microalgae selected from the family prymnesiophytes or eustigmatophytes in autoclaved salinied seawater as aquaculture rearing medium. The enriched Artemia nauplli was found to posses higher level of osmoregulator saccharide trehalose, polyunsaturated fatty acid, carotenoid content, protein content and the trehalose content than the freshly hatched Artemia nauplli. The saturated fatty acid (SFA) content, the monosaturated fatty acid (MUFA) content and the lipid content of Artemia nauplli after enrichment is lower than lipid content of the Artemia nauplli before enrichment. The Carotenoid content, the protein content and the trehalose content of Artemia nauplli after enrichment is based on the salinity level of the autoclaved seawater contained in the Artemia nauplli culture tank and/or the duration of enrichment.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2115/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :26/07/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : UTILITY BOX

(51) International classification

:B60R

(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)TVS MOTOR COMPANY LIMITED

Address of Applicant :JAYALAKSHMI ESTATES, NO.29
(OLD NO.8) HADDOWS ROAD, CHENNAI - 600 006 Tamil
Nadu India

(72)Name of Inventor :

1)BALAGURU SRIDHAR

2)VENKATA RAMBABU K

3)RENGARAJAN BABU

(57) Abstract :

A utility box for a two wheeled vehicle disposed above the engine is provided with a integrated rib on the top contour of the said utility box; at least one vent hole to allow hot gases to escape; at least one lug to hang articles; and a holder with cover.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2140/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :28/07/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : DIPHENYL ETHER COMPOUNDS FOR THE TREATMENT OF LIVER LUNG DISORDERS, DIABETIC COMPLICATIONS AND CARDIOVASCULAR DISEASES

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ORCHID RESEARCH LABORATORIES LTD.,
(32) Priority Date	:NA	Address of Applicant :ORCHID TOWERS, 313,
(33) Name of priority country	:NA	VALLUVAR KOTTAM HIGH ROAD, NUNGAMBAKKAM,
(86) International Application No	:NA	CHENNAI - 600 034 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)NARAYANAN SHRIDHAR
(61) Patent of Addition to Application Number	:NA	2)MOOKKAN JEYAMURUGAN
Filing Date	:NA	3)KULATHINGAL JAYANARAYAN
(62) Divisional to Application Number	:NA	4)NARAYANAN SURENDRAN
Filing Date	:NA	

(57) Abstract :

Described herein are compounds of formula (I), their derivatives, analogs, tautomeric forms, stereoisomers, polymorphs, hydrates, solvates, pharmaceutically acceptable salts and compositions, metabolites and prodrugs thereof, for use in treating liver diseases such as non-alcoholic fatty liver disease (NAFLD) and non-alcoholic steatohepatitis (NASH), and other fibrotic diseases of the liver; diabetic complications such as macro (ischemic heart disease, cerebrovascular disease and peripheral vascular disease) and micro (cataract, retinopathy nephropathy neuropathy, maculopathy and glaucoma) vascular complication; and cardiovascular diseases such as atherosclerosis, restenosis, hypertension, vasospasm, and cardiac hypertrophy; and lung disorders and lung fibrosis.

No. of Pages : 58 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2150/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/06/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : NOTIFICATION OF TOO MANY NO ANSWER OF FORWARDED TO NUMBER

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Alcatel Lucent
(32) Priority Date	:NA	Address of Applicant :3 avenue Octave GrÃard 75007 Paris
(33) Name of priority country	:NA	France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Karthick Rajapandiyan
(87) International Publication No	: NA	2)Muthusamy Muthiah
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Method and system for notifying subscribers of calls missed by forwarded to number. The present invention relates to services provided by internet protocol multimedia subsystem and more specifically to a system and method of notifying a subscriber about the performance of selected forwarded number. When an call is forwarded to a forward to identity the application server increments a counter in case the call is not answered by the forward to identity. Once this counter reaches a certain threshold, the subscriber is sent a notification of the number of calls missed by selected forward to identity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2152/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/06/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : AUTOMATIC BALLAST WEIGHT ADJUSTMENT

(51) International classification	:G01G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED
(32) Priority Date	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(33) Name of priority country	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	2)ROBERT BOSCH GMBH
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)K. MEENAKSHI SUNDARAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a device (10) for automatic adjustment of ballast weights (16) for a vehicle. The surface on which the vehicle is being driven determines the wheel slip for the vehicle. Excessive wheel slip may cause wearing of tires and poor fuel efficiency. Also the ease of driving the vehicle is reduced. To overcome this problem ballast weights are added on the vehicle to compensate for the wheel slip to some extent. Automatic adjustment of ballast weights is done based on wheel slip. The ballast weights (16) are mounted on movable brackets (18). The position of the ballast weights (16) is adjusted to a position with optimum wheel slip by a ballast weight positioning means (20).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2163/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :30/07/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : A METHOD AND A SYSTEM FOR LOCALIZATION IN INDUSTRIAL WIRELESS SENSOR NETWORK

(51) International classification	:G05B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ABB RESEARCH LTD
(32) Priority Date	:NA	Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050
(33) Name of priority country	:NA	ZURICH Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)APALA RAY
(87) International Publication No	: NA	2)MALLIKARJUN KANDE
(61) Patent of Addition to Application Number	:NA	3)VENKATESWARAN NARAYANAN
Filing Date	:NA	4)RAVISH KUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relate to a method for localization in an industrial wireless sensor network. The method comprises the steps of identifying the sensor node of a field device for localization. This is followed by determining the location information of the sensor node associated with the said field device. After determining the location information the method includes the step of storing the determined location information in the said field device or in one or more modules of the said wireless network management component or operator portal or a combination thereof. The method according to the invention is performed during the joining of the field device into the network or during the commissioning of the industrial wireless sensor network or thereafter either in part or in whole. The invention also relate to a system capable of localization in an industrial wireless sensor network in accordance with the method of the invention. The system comprises field devices, one or more modules of wireless network management component, operator portal, means that could work on the techniques and / or tools adapted or configured thereto for localization.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2164/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/06/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR APPLICATION CENTRIC CLOUD MANAGEMENT

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SAMSUNG ELECTRONICS COMPANY
(32) Priority Date	:NA	Address of Applicant :416 MAETAN-DONG,
(33) Name of priority country	:NA	YEONGTONG-GU, SUWON-SI, GYEONGGI-DO 442-742
(86) International Application No	:NA	Republic of Korea
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SARIYA ANSARI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for application centric cloud management is provided. The system includes a cache memory for storing one or more metadata. The system also includes a discrete license refiner for discrete resource pricing. The system further includes a load balancer for obtaining resources. Further, the system includes a monitoring component for monitoring the availability resources. The method includes logging into a cloud network by a user. The method also includes authenticating the user for accessing the cloud network. The method further includes determining a cloud application associated with the user. Further, the method includes determining one or more resources associated with the cloud application. Moreover, the method includes determining a behavior of the user. The method also includes loading one or more resources associated with one or more metadata to a virtual machine. The method further includes assigning the virtual machine to the user.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1419/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : A PYROLYSIS PROCESS FOR DECOMPOSING RUBBER PRODUCTS

(51) International classification :C10G1/10
(31) Priority Document No :PI20093010
(32) Priority Date :17/07/2009
(33) Name of priority country :Malaysia
(86) International Application No :PCT/MY2010/000123
Filing Date :15/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ADVANCED PYROTECH SDN. BHD.
Address of Applicant :24th Floor UBN Tower 10 Jalan P.
Ramlee 50250 Kuala Lumpur Malaysia
(72)**Name of Inventor :**
1)ALI Mazlan
2)MOHD SHARIFF Siti Fatimah
3)WEBB Christopher John

(57) Abstract :

The present garment includes a header having a plurality of spaced elements depending there from without obscuring the substrate. A fastener secures the header to the substrate so that ends of the elements move relative to the garment as the garment moves. The header may be mounted adjacent a hole in the garment and may over lay the hole. A ki for decorating a garment includes a header having a plurality of spaced elements depending there from so that the elements move relative to the garment when attached to a garment as the garment moves; and a fastener for removable securing the header to the garment so that the elements extend vertically without obscuring the garment.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.147/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :04/01/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHODS AND APPARATUS FOR COORDINATION OF SENDING REFERENCE SIGNALS FROM MULTIPLE CELLS

(51) International classification	:H04J11/00
(31) Priority Document No	:61/219354
(32) Priority Date	:22/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2008/073206
Filing Date	:14/08/2008
(87) International Publication No	:WO 2009/023792 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :INTERNATIONAL IP
ADMINISTRATION, 5775 MOREHOUSE DRIVE SAN,
DIEGO, CALIFORNIA 92121-1714 U.S.A.

(72)Name of Inventor :

1)TAO LUO

(57) Abstract :

Methods and apparatus for coordination of sending reference signals in wireless network are disclosed. A network node may select a cell ID based on a measurement of adjacent cells so as to mitigate interference. A network node may communicate information to another network node to control transmitted resources in a protected interval so as to measure channel characteristics.

No. of Pages : 63 No. of Claims : 88

(12) PATENT APPLICATION PUBLICATION

(21) Application No.200/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHODS AND APPARATUS FOR EFFICIENTLY PROCESSING MULTIPLE KEYWORD QUERIES ON A DISTRIBUTED NETWORK

(51) International classification	:G06F 7/00
(31) Priority Document No	:61/225,505
(32) Priority Date	:14/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/042021
Filing Date	:14/07/2010
(87) International Publication No	:WO 2011/008889 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: INTERNATIONAL IP
ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
DIEGO, CALIFORNIA 92121-1714 U.S.A.
(72)**Name of Inventor :**
1)SWAMINATHAN ASHWIN
2)JAYARAM RENJITH S.
3)NARAYANAN VIDYA

(57) Abstract :

Methods and apparatus are described herein for performing AND/OR searching using multiple keywords. A query is received at a first node in a network having multiple keywords. The first node determines a set of documents matching a first of the multiple keywords, and computes an ideal Bloom filter representing those keywords. The first node sends the query and the Bloom filter to a second node, which determines its search results for a second of the multiple keywords in accordance with the Bloom filter.

No. of Pages : 38 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2165/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :19/08/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : UNDER WATER INTAKE WELL STRUCTURE FOR INTAKE SYSTEM

(51) International classification	:E03B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)IVRCL INFRASTRUCTURES &PROJECTS LIMITED
(32) Priority Date	:NA	Address of Applicant :NO.30 A, SOUTH PHASE,6TH
(33) Name of priority country	:NA	CROSS ROAD, THIRU. VI. KA. INDUSTRIAL
(86) International Application No	:NA	ESTATE,GUINDY, CHENNAI 600 032 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)P. SAMBANDAN
(61) Patent of Addition to Application Number	:NA	2)D. VENKATASUBRAMANIAM
Filing Date	:NA	3)P. CHANDRAMOHAN
(62) Divisional to Application Number	:NA	4)GIRISH SHANKAR RAO SAMUDRA
Filing Date	:NA	5)AMIT UPAGADE

(57) Abstract :

Underwater intake well structure for an intake system of sea water desalination plant comprises of a covered steel cylindrical enclosure structure, having top and bottom plates with intermediate stiffeners is provided with a pipe at the bottom connecting to the sea water intake pipeline and filtering means to screen the entry of marine life organisms. The metallic structure houses internally an inner cell wall and an outer cell wall. The pipe is a freely sliding flanged type spool. The filtering means is a vertical bar type metal screen of 1.4 meters high with a clear opening of about 25 mm width is provided circumferentially on the top of the inner cell wall of the intake well structure all around the inner cell wall. The percentage of the wall thickness of the intake well structure (inner cell wall) that is cast onshore is smaller and is less than 20% of the total thickness of the intake structure walls and preferably the thickness being around 250 mm. The percentage of the thickness of the intake well structure (outer cell wall) that is cast in-situ underwater is larger and is more than 80% of the total thickness of the intake well structure wall and preferably the thickness being around 1.05 meters.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2167/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :30/07/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF OLMESARTAN MEDOXOMIL

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AUROBINDO PHARMA LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO.2, MAITRIVIHAR,
(33) Name of priority country	:NA	AMEERPET, HYDERABAD - 500 038 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KORRAPATI VENKATA VARA PRASADA RAO
(87) International Publication No	: NA	2)KOILPILLAI JOSEPH PRABAHAR
(61) Patent of Addition to Application Number	:NA	3)INTI VENKATA SUBRAMANYESWARA RAO
Filing Date	:NA	4)BOMMANA HANUMANTHA RAO
(62) Divisional to Application Number	:NA	5)VYSYARAJU RAVIKANTH
Filing Date	:NA	6)MEENAKSHISUNDERAM SIVAKUMARAN

(57) Abstract :

The present invention relates to a process for the preparation of Olmesartan medoxomil of formula (I), which comprises: (i) condensing ethyl 4-(1 -hydroxy-1-methylethyl)-2-propylimidazole-5-carboxylate of formula (II), with 5-[4-(bromomethyl)[1,1-biphenyl]-2-yl]-N- (triphenylmethyl)tetrazole of formula (III), in the presence of a base in a solvent to produce a reaction mixture containing trityl Olmesartan ethyl ester of formula (IV), (ii) treating the reaction mixture obtained in step (i) with a solvent to isolate trityl Olmesartan ethyl ester (IV), (iii) treating compound IV of step (ii) with base in the presence of solvent to produce a compound of formula (IVd), (iv) methyl-1,3-dioxol-2-one of formula (Va), in the presence of an alkali halide in a solvent to produce trityl Olmesartan medoxomil (VI), (v) de-tritylation of trityl Olmesartan medoxomil (VI) to produce Olmesartan medoxomil (I).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : MEANS AND METHODS FOR DIAGNOSING PROSTATE CARCINOMAS

(51) International classification :G01N 33/574
(31) Priority Document No :09161956.9
(32) Priority Date :04/06/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/057680
Filing Date :02/06/2010
(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)METANOMICS HEALTH GMBH

Address of Applicant :Tegeler Weg 33 10589 Berlin
Germany.

2)CHARITÄT UNIVERSITÄT, TS MEDIZIN BERLIN

(72)Name of Inventor :

1)KAMLAGE Beate

2)BETHAN Bianca

3)RESZKA Regina

4)LEIBOLD Edgar

5)JUNG Klaus

6)LEIN Michael

7)KRISTIANSEN Glen

(57) Abstract :

The present invention relates to a method, preferably an ex vivo method, for diagnosing prostate carcinomas and/or predisposition thereof comprising determining at least one metabolite in a test sample of a subject suspected to suffer from prostate carcinomas or to have a predisposition therefor and comparing said at least one metabolite to a reference, whereby prostate carcinomas or a predisposition therefor is to be diagnosed. Moreover, the present invention encompasses a collection of metabolites, a data collection comprising characteristic values of metabolites and a storage medium comprising said data collection. Furthermore, the present invention also relates to a system comprising means for comparing characteristic values of metabolites of a sample operatively linked to a data storage medium. Further encompassed by the present invention are diagnostic means comprising at least one metabolite and the use of said at least one metabolite for the manufacture of diagnostic means for or for diagnosing prostate carcinomas. Finally, the present invention pertains to a method for identifying prostate carcinoma-related metabolites.

No. of Pages : 54 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : APPARATUS AND METHOD FOR MULTIPLE PEER-TO-PEER SIGNALING

(51) International classification :H04B7/06
(31) Priority Document No :61/224,816
(32) Priority Date :10/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/041599
Filing Date :09/07/2010
(87) International Publication No :WO 2011/006120 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)QUALCOMM INCORPORATED

Address of Applicant :ATTN: INTERNATIONAL IP
ADMINISTRATION, 5775 MOREHOUSE DRIVE, SAN
DIEGO, CALIFORNIA 92121-1714 U.S.A.

(72)Name of Inventor :

1)TAGHAVI NASRABADI MOHAMMAD HOSSEIN

2)SAMPATH HEMANTH

3)ABRAHAM SANTOSH P.

4)VERMANI SAMEER

(57) Abstract :

A method, an apparatus, and a computer program product operable in a wireless communication system are provided in which a first signal is generated for transmission to a wireless node to enable the wireless node to determine a first preferred beam pattern. A second preferred beam pattern is determined from a second signal received from the wireless node. The apparatus communicates with the wireless node through at least one of the first or second preferred beam pattern.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHODS, APPARATUSES AND COMPUTER PROGRAM PRODUCTS FOR PRE-ESTABLISHMENT OF QOS PARAMETERS FOR RESERVATION LINKS RELATING TO APPLICATIONS RESIDENT ON THE ACCESS TERMINAL

(51) International classification :H04W28/26
(31) Priority Document No :61/226,978
(32) Priority Date :20/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/042660
Filing Date :20/07/2010
(87) International Publication No :WO 2011/011458 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: INTERNATIONAL IP
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DIEGO, CALIFORNIA 92121-1714 U.S.A.
(72)**Name of Inventor :**
1)WANG JUN
2)CHERIAN GEORGE
3)BALASUBRAMANIAN SRINIVASAN
4)JIN HAIPENG
5)MAHENDRAN ARUNGUNDRAM
CHANDRASEKARAN

(57) Abstract :

Methods and apparatus for network pre-configuration of Quality of Service (QoS) parameters in a communication channel triggered by establishment of packet data access by an access terminal with the network. The network-determined and network-initiated pre-establishment of the QoS parameters are for one or more reservation links, which each relate to a corresponding one or more applications resident on the access terminal.

No. of Pages : 81 No. of Claims : 76

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2108/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :23/07/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF MEROPENEM TRIHYDRATE

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AUROBINDO PHARMA LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO.2, MAITRIVIHAR,
(33) Name of priority country	:NA	AMEERPET, HYDERABAD - 500 038 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KARURU MALLIKARJUNA REDDY
(87) International Publication No	: NA	2)NATARAJAN SENTHIL KUMAR
(61) Patent of Addition to Application Number	:NA	3)BUDIDET SHANKAR REDDY
Filing Date	:NA	4)AMINUL ISLAM
(62) Divisional to Application Number	:NA	5)MEENAKSHISUNDERAM SIVAKUMARAN
Filing Date	:NA	

(57) Abstract :

The present invention relates to a novel process for the preparation of Meropenem trihydrate of formula I.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2132/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :28/07/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF BOSENTAN

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AUROBINDO PHARMA LTD
(32) Priority Date	:NA	Address of Applicant :AUROBINDO PHARMA LTD PLOT
(33) Name of priority country	:NA	NO.2, MAITRIVIHAR, AMEERPET, HYDERABAD - 500 038.
(86) International Application No	:NA	Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)BUDIDET SHANKAR REDDY
(61) Patent of Addition to Application Number	:NA	2)BRAJESH KUMAR SINHA
Filing Date	:NA	3)KONDURU RAJASEKHARA RAJU
(62) Divisional to Application Number	:NA	4)AMINUL ISLAM
Filing Date	:NA	5)MEENAKSHISUNDERAM SIVAKUMARAN

(57) Abstract :

The present application provides purification of Bosentan crude by making its crystalline potassium salt, which is further converted to Bosentan (I) with bis-sulfonamide (VIII) and deshydroxyethyl (IX) impurities to less than 0.2% by HPLC analysis.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2169/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :30/07/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : NOVEL SOLID STATE FORMS OF MELDONIUM

(51) International classification	:A61K31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ACTAVIS GROUP PTC EHF,
(32) Priority Date	:NA	Address of Applicant :REYKJAVIKURVEGI 76-78, 220,
(33) Name of priority country	:NA	HAFNARFJOROUR Ice Land
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SONNY SEBASTIAN
(87) International Publication No	: NA	2)SEETHA RAMA SARMA
(61) Patent of Addition to Application Number	:NA	3)PRASHANT JAGADALE
Filing Date	:NA	4)PADMANABAN MANICKAVELU
(62) Divisional to Application Number	:NA	5)NITIN SHARADCHANDRA PRADHAN
Filing Date	:NA	

(57) Abstract :

Provided herein are novel solid state forms (Forms B, C, D, E, F, G and H) of meldonium, processes for their preparation, pharmaceutical compositions, and method of treating thereof.

No. of Pages : 47 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2170/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/06/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : HERBAL COMBINATION OF A SUSPENSION AND LEHYA HAVING THE ABILITY TO HEAL PILES

(51) International classification

:a61k

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)EDWIN JARALD

Address of Applicant :LEELA COTTAGE, SUNDAVILAI,
KARUNGAL, KANYAKUMARI DISTRICT - 629 157 Tamil
Nadu India

(72)Name of Inventor :

1)EDWIN JARALD

2)SHEEJA EDWIN

3)GABRIEL ELIAS

(57) Abstract :

Piles or haemorrhoids are area in the anal canal and often inflamed condition of the veins, inside or just outside the rectum and is one of the most common illness today. The present invention relates with the discovery of one combination, a lehya and a suspension, which have been found to heal the piles. The suspension was prepared by grinding cinnabar and rock salt with castor oil. The lehya was prepared using the following ingredients, Amorphophallus paeoniifolius, Dracontium polyphyllum, Cissus setosa Roxb, Cissus quadrangularis, Mangifera indica, Aloe barbadensis, Zingiber officinalis, Terminalia chebula, Plumbago zeylanicum, Cyperus rotundus, Cassia fistula, Borassus flabellifer, Honey and Ghee. When these were given to the sufferers in the following way mentioned, 10 drops of the suspension (used after shaking) was placed over 10 gms of lehya and taken internally twice daily after meal. The piles condition was cured

No. of Pages : 5 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2192/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/06/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR VOICE BASED DIGITAL SIGNATURE SERVICE

(51) International classification	:g10l	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INFOSYS LIMITED
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO.44,
(33) Name of priority country	:NA	ELECTRONICS CITY, HOSUR ROAD, BANGALORE - 560
(86) International Application No	:NA	100 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ASHUTOSH SAXENA
(61) Patent of Addition to Application Number	:NA	2)VISHAL ANJIAH GUJJARY
Filing Date	:NA	3)HARIGOPAL K.B. PONNAPALLI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a method and system for providing a voice-based digital signature service. A first user sends a document to a second user for signature. The first user also sends a PIN to the second user and to a voice verification authority. The second user sends to the voice verification authority, a voice recording comprising the PIN along with consent of the second user to the PIN. The voice verification authority compares the voice recording with a predefined voice sample of the second user, and the PIN received from the first user with the PIN received from the second user. The voice verification authority then sends a notification to a signing entity based on the comparison. The signing entity signs the PIN of the document with a private key associated with the second user and sends an acknowledgement to the first user and the second user,

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2193/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :02/08/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF DIPEPETIDYL PEPTIDASE-IV INHIBITOR

(51) International classification

:C07D

(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)AUROBINDO PHARMA LTD

Address of Applicant :AUROBINDO PHARMA LTD PLOT
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Andhra Pradesh India

(72)Name of Inventor :

1)VIPIN KUMAR KAUSHIK

2)MOHAMMED UMAR KHAN

3)HUNNUR RAVEENDRA KALLAPPA

4)RANJITH KUMAR SRINIVASAN

5)KOILPILLAI JOSEPH PRABAHAR

6)MEENAKSHISUNDERAM SIVAKUMARAN

(57) Abstract :

The present invention relates to an improved process for the preparation of dipepetidyl peptidase-IV inhibitor compound of formula I.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2194/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :02/08/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : SOLID LIPID COMPOSITION OF OLANZAPINE FOR ENHANCED ORAL BIOAVAILABILITY

(51) International classification

: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)J.S.S. COLLEGE OF PHARMACY, OOTACAMUND
(OFF CAMPUS COLLEGE OF J.S.S. UNIVERSITY,
MYSORE)**

Address of Applicant :ROCKLANDS, OOTACAMUND - 643
001 Tamil Nadu India

(72)Name of Inventor :

1)JAWAHAR NATARAJAN

2)SUMEET SOOD

3)KUNAL JAIN

4)GOWTHAMARAJAN KUPPUSAMY

5)ELANGO KANNAN

6)SURESH BHOJRAJ

(57) Abstract :

Olanzapine is insoluble in aqueous solutions and the bioavailability after the oral administration is low. Solid lipid nanoparticles (SLNs) containing olanzapine have been successfully prepared to improve its bioavailability. Solid lipid nanoparticles were prepared using microemulsion technique and characterized. Pharmacokinetic studies were performed after oral administration of olanzapine in Wistar rats. The bioavailability and peak plasma concentration (C_{max}) of olanzapine solid lipid nanoparticles was significantly increased compared with that of the pure drug suspension. Our studies indicate that the use of solid lipid nanoparticles can improve the biopharmaceutical performance and the bioavailability of olanzapine.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2194/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/06/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR AN END-TO-END SOLUTION IN A TEST AUTOMATION FRAMEWORK

(51) International classification	:h04L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INFOSYS LIMITED
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO.44,
(33) Name of priority country	:NA	ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PAVAN KUMAR KURAPATI
(61) Patent of Addition to Application Number	:NA	2)SANJAY KUMAR MISRA
Filing Date	:NA	3)SHAIJO MOHAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention describes a method, a system, and a computer program to provide an end-to-end solution in a test automation framework present in a communication network. A user selects at least one test script corresponding to a network service. The selected test script is executed over a topology that is generated by the user. The topology is generated by simple drag and drop function. Once, the selected test script is executed, a log report is generated which includes details associated with the executed test script. The method also facilitates reserving of the topology so that it can be used at a later point in time. The scripts are generated automatically without any user intervention.

No. of Pages : 28 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :30/07/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : NON - CONVENTIONAL SOURCE FOR POWER PRODUCTION USING STAGNANT WATER

(51) International classification	:F03B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)K.R.BALASUBRAMANYA
(32) Priority Date	:NA	Address of Applicant :KOWLI ESTATE, JAYAPURA POST
(33) Name of priority country	:NA	- 577123, KOPPA TALUK, CHIKMAGALUR DISTRICT
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)K.R.BALASUBRAMANYA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A hydro electric generation system that uses electricity from an outer source in the initial stage to produce electricity from stagnant water and becomes self-powered after the production starts. The stagnant water used to rotate the turbine is splashed on it in such a way or direction (horizontal or oblique) that requires less input of electric power and give more output of electric power or electric energy. The stagnant water used in the system can be recycled, and this makes the system easily implemented anywhere or in any place where we get stagnant water easily and round the year.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2179/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :30/07/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : A COCONUT PICKER MACHINE USED TO REMOVE COCONUT WITHOUT CLIMBING ON THE TREE

(51) International classification

:A23N

(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)DOJO PAUL THETTAYIL

Address of Applicant :THETTAYIL HOUSE, PO.

KANDASSANKADAVU, THRISSUR DISTRICT, PIN - 680

613 Kerala India

(72)Name of Inventor :

1)DOJO PAUL THETTAYIL

(57) Abstract :

This invention relates to a coconut picker machine comprising of a plurality of legs with chain-belt wheel, a cutting arm and a main shaft connected to a hydraulic cylinder. The machine is used to remove coconut without climbing on the tree and can be operated being at some distance from the tree. It is a semi automatic machine operated by hydraulic/electric power. Further, there is no requirement of expert climber and hence no risk to live. The machine can lift a person to top of the tree and takes only few minutes to pick the coconut. Further, the exact position of cutting can also be monitored. The present invention also avoids the problem of slipping and falling down unlike prior art.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2190/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/06/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR PREDICTIVE ANALYTICS IN AN ELECTRICAL GRID NETWORK

(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)INFOSYS LIMITED

Address of Applicant :IP CELL, PLOT NO.44,
ELECTRONICS CITY, HOSUR ROAD, BANGALORE - 560
100 Karnataka India

(72)Name of Inventor :

1)DEVENDRA VISHWAKARMA

(57) Abstract :

The present invention provides a system and method for predictive analytics in an electrical grid network. It comprises aggregating a plurality of events from an electrical grid network. Analyzing the plurality of events to recognize at least one event pattern. Serializing the at least one of event patterns in a database. Predicting future event pattern based on correlation of the plurality of event patterns.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2191/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/06/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MEASURING CAMBER ON A SURFACE

(51) International classification	:g06f	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INFOSYS LIMITED
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO.44,
(33) Name of priority country	:NA	ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SIVARAM V. THANGAM
(61) Patent of Addition to Application Number	:NA	2)HARIKRISHNA RAI G.N.
Filing Date	:NA	3)SUNIL ARORA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The disclosed embodiment relates to methods for measuring camber on a surface. The method preferably comprises receiving, by a computing device, a plurality of images of a surface, identifying, by a computing device, a key image of the surface from the plurality of images, extracting, by a computing device, a portion of the key image including the surface, and analyzing, by a computing device, the extracted portion of the key image to thereby determine the camber on the surface. The disclosed embodiment also relates to a system and computer-readable code that can be used to implement the exemplary methods.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2200/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :03/08/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : CHEAP SOLAR COOKER

(51) International classification	:F24J, F24C	(71) Name of Applicant : 1)MAHA AJIT
(31) Priority Document No	:NA	Address of Applicant :APT. 102, MBR RESIDENCY,
(32) Priority Date	:NA	H.NO.3-4-484/3, LANE OPP. TO REDDY COLLEGE,
(33) Name of priority country	:NA	LINGAMPALLY, HYDERABAD (AP)- 500 027. Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)MAHA AJIT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This Solar Cooker is fabricated from bamboo, insulation, Aluminium foil and . Glass pane. Cost of the solar cooker is not as much of conventional box type solar cooker. Weight is also less. It is easy to handle and stainless steel tiffin boxes are easy to clean. There is no fuel / LPG cost and needs no attention while cooking process is going on.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :03/08/2010

(21) Application No.2201/CHE/2010 A

(43) Publication Date : 22/03/2013

(54) Title of the invention : SALTS OF LAPATINIB

(51) International classification

:C07D

(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)HETERO RESEARCH FOUNDATION

Address of Applicant :HETERO DRUGS LIMITED,
HETERO CORPORATE, 7-2-A2, INDUSTRIAL ESTATES,
SANATH NAGAR, HYDERABAD-500 082. Andhra Pradesh
India

(72)Name of Inventor :

1)PARTHASARADHI REDDY, BANDI

2)RATHNAKAR REDDY, KURA

3)RAJI REDDY, RAPOLU

4)MURALIDHARA REDDY, DASARI

5)SRINIVASA RAO, THUNGATHURTHY

6)VAMSI KRISHNA, BANDI

(57) Abstract :

The present invention provides novel dioxalate salt of lapatinib, process for its preparation and pharmaceutical compositions comprising it. The present invention also provides novel monobesylate salt of lapatinib, process for its preparation and pharmaceutical compositions comprising it. The present invention further provides a process for the preparation of monohydrate form of lapatinib ditosylate. The present invention further provides a process for the preparation of anhydrous form of lapatinib ditosylate.

No. of Pages : 20 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2195/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/06/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR ENABLING DISCOVERY OF SERVICES AND AUTOMATED EXCHANGE OF DATA BETWEEN BLUETOOTH DEVICES

(51) International classification	:h04w	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INFOSYS LIMITED
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO.44,
(33) Name of priority country	:NA	ELECTRONICS CITY, HOSUR ROAD, BANGALORE - 560
(86) International Application No	:NA	100 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PRASANNA RAJARAMAN
(61) Patent of Addition to Application Number	:NA	2)SETHURAMAN RAMASUNDARAM
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and system for enabling discovery of services and automated exchange of data between multiple Bluetooth devices are disclosed. The method includes measuring signal attenuation of a Bluetooth signal between a first Bluetooth device and a second Bluetooth device. The method further includes comparing the signal attenuation with a set of predefined threshold values. The set of predefined threshold values is associated with a set of services. The method also includes activating a corresponding service from among the set of services based on the comparison. Activating the corresponding service enables discovery of the service and automated exchange of data between the first Bluetooth device and the second Bluetooth device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2205/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/06/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : RESOURCE ALLOCATION IN WIRELESS MESH NETWORKS OVER DIVERSE AND FRAGMENTED SPECTRUM

(51) International classification

:H04L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Alcatel Lucent

Address of Applicant :3 avenue Octave GrÃard 75007 Paris
France

(72)Name of Inventor :

1)Supratim Deb

2)Avhishek Chatterjee

3)Vikram Srinivasan

(57) Abstract :

Resource allocation in wireless mesh networks over diverse and fragmented spectrum is disclosed. The present invention relates to wireless mesh networks and, more particularly, to allocating resources in wireless mesh networks. The mechanism employs a gateway node that allocates resources in wireless mesh networks wherein the operating frequency is diverse and fragmented. The gateway node contacts other mesh nodes/routers that are in its vicinity. The mesh nodes/routers provide information as to which of the frequencies are available for allocation, interference patterns and so on. The information is made available to the gateway node. The gateway node then determines the best bands available for allocation. Iterations are continued for re-allocation in bands until the performance of the bands is improved. Finally, the best possible allocation is performed in the diverse and fragmented frequency spectrum.

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2206/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/06/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : PROVIDE SERVICES USING UNIFIED COMMUNICATION CONTENT

(51) International classification	:H04M	(71) Name of Applicant :
(31) Priority Document No	:NA	1)HEWLETT-PACKARD DEVELOPMENT COMPANY
(32) Priority Date	:NA	L.P.
(33) Name of priority country	:NA	Address of Applicant :11445 Compaq Center Drive West
(86) International Application No	:NA	Houston TX 77070 U.S.A.
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)MANVI SANJEEVA
(61) Patent of Addition to Application Number	:NA	2)VENUGOPAL SRINIVASMURTHY K
Filing Date	:NA	3)Frederic Huve
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Example embodiments disclosed herein relate to using intelligence within unified communication content to facilitate services. A semantic store including unified communication content is queried. Then, results of the query are determined.

No. of Pages : 28 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2215/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/06/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : BABY CARE DEVICE

(51) International classification

:A47D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345 U.S.A.

(72)Name of Inventor :

1)BHARAT REDDY MADDIKA

(57) Abstract :

In one embodiment, a baby care device comprising a movable cradle, a timer configured for tracking a feed time, a support stand coupled to the movable cradle and configured to support the movable cradle, an electromechanical driver operably coupled to the movable cradle and the support stand, the electromechanical driver capable of providing an oscillating and side-to-side movement to the movable cradle and a motion sensor configured to adjust the angle of movement of the movable cradle.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2217/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :04/08/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF 5-HYDROXYMETHYL TOLTERODINE

(51) International classification	:C07C, A61K31/00	(71)Name of Applicant : 1)ORCHID CHEMICALS & PHARMACEUTICALS LTD Address of Applicant :ORCHID TOWERS, 313, VALLUVAR KOTTAM HIGH ROAD, NUNGAMBAKKAM, CHENNAI - 600 034 Tamil Nadu 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)DR. REGURI BUCHI REDDY
(87) International Publication No	: NA	2)DR. UPPARAPALLI SAMPATH KUMAR
(61) Patent of Addition to Application Number	:NA	3)DR. NILAM SAHU
Filing Date	:NA	4)SWAMINATHAN SUSI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved process for the preparation of biologically active diphenylpropylamine derivatives. The present invention specifically relates to an improved process for fesoterodine of formula (I) and its pharmaceutically acceptable salts.

No. of Pages : 34 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2217/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/06/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : CODE REMEDIATION

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INFOSYS LIMITED
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO.44,
(33) Name of priority country	:NA	ELECTRONICS CITY, HOSUR ROAD, BANGALORE - 560
(86) International Application No	:NA	100 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SUDHIR SUNDARARAM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Various technologies related to code remediation are presented. Code to be remediated can be annotated with language-independent annotations. From the annotations, remediated code in a particular language can be generated. A wide variety of change types can be supported. Automatic or custom remediation can be achieved. Custom remediation can provide a user with control over the remediation process via helpful user interfaces. Considerable efficiency improvements can be realized without surrendering control of the remediation process.

No. of Pages : 98 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2197/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/06/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : AN ELECTRIC HAMMER DRILL

(51) International classification	:B25D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NILUTPAL BORAH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an electric hammer drill. The invention comprises a first transmission means for providing a rotary action in the electric hammer drill and second transmission means for providing a hammering action in the electric hammer drill. Both the transmission means work on hydraulic principle. The hydraulic principle provides less friction which leads to reduce wear and tear of the machine thereby increases the life of the electric hammer drill. Further the simple hydraulic mechanism uses fluid as a working medium. This fluid not only helps to lubricate the second transmission means but also helps in cooling the components of the second transmission means.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2198/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/06/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : FUEL SUPPLY ARRANGEMENT FOR QUICK START OF AN ENGINE

(51) International classification

:F02N

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)BOSCH LIMITED

Address of Applicant :POST BOX NO 3000, HOSUR ROAD,
ADUGODI, BANGALORE - 560 030 Karnataka India

2)ROBERT BOSCH GMBH

(72)Name of Inventor :

1)JAGADEES KHANNA P

(57) Abstract :

The invention proposes a fuel supply arrangement for an internal combustion engine. The fuel supply arrangement comprises an ignition switch 10, power supply lines 12 and 14, an electric feed pump 16 supplying fuel to a high pressure pump. The electric feed pump 16 when provided with electric power draws fuel from the tank 18 and supplies the fuel through the fuel supply path 22 to a high pressure pump which is not shown. A battery which is not shown in figure supplies electrical power to the fuel supply arrangement through the line 11. The power supply line 12 supplies power to a starter motor 20. A parallel power supply line 14 supplies power to the electric feed pump 16. When the ignition switch 10 is closed to supply power to the starter motor 20, the parallel power supply line 14 connects the electrical feed pump 16 to the power supply. The feed pump pumps the fuel as long as the starter is on. When the starter motor goes off, the feed pump goes off.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2208/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/06/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : INDUCTION OF RESISTANCE TO BYDV THROUGH THE TARGETING OF UNIVERSALLY CONSERVED REGIONS OF THE GENOME

(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 :

1)ANKUR RAVINARAYANA CHAKRAVARTHY

Address of Applicant :#2390/B, RAMANAMAHARSHI
ROAD, KUVEMPUNAGAR, MYSORE 570 023 Karnataka India

2)AVINASH SHESHACHALAM

(72)Name of Inventor :

1)ANKUR RAVINARAYANA CHAKRAVARTHY

2)AVINASH SHESHACHALAM

(57) Abstract :

The use of conserved regions of the BYDV genome as targets for post-transcriptional targeting using silencing transcripts, of which (targeted regions) a list has already been presented.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2219/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :31/03/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : STABLE EMULSIONS FOR PRODUCING POLYMER MODIFIED ASPHALT

(51) International classification	:C08L95/00, C08K5/53, E01C7/18
(31) Priority Document No	:61/101,942
(32) Priority Date	:01/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US09/059282
Filing Date	:01/10/2009
(87) International Publication No	:WO 2010/039998 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)A.L.M. HOLDING COMPANY

Address of Applicant :920 10TH AVENUE NORTH,
ONALASKA, WISCONSIN 54650 U.S.A.

(72)Name of Inventor :

1)BAUMGARDNER, GAYLON

2)REINKE, GERALD, H.

(57) Abstract :

An acid modified asphalt binder is combined with an emulsifier solution to produce an emulsified asphalt binder. The acid modified asphalt binder may be formed by combining an asphalt binder, a phosphorous-based acid, and, optionally, a polymer modifier. The emulsifier solution may be produced by forming an aqueous solution of an amine and a phosphorous-based acid, which forms an aqueous solution comprising an amine phosphate. The emulsified asphalt binder may be combined with an aggregate to form a paving material. In other examples, the emulsified asphalt binder may be used alone, for example in a chip seal application, or in a diluted form, for example in a fog seal application.

No. of Pages : 22 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.222/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : HIGH BARRIER PACKAGING LAMINATE, METHOD FOR MANUFACTURING OF THE PACKAGING LAMINATE AND PACKAGING CONTAINER

(51) International classification	:B32B27/00
(31) Priority Document No	:0900948-1
(32) Priority Date	:08/07/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/EP2010/004065
Filing Date	:06/07/2010
(87) International Publication No	:WO 2011/003564
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)TETRA LAVAL HOLDINGS & FINANCE S.A.

Address of Applicant :AVENUE GENERAL-GUISAN 70,
CH-1009 PULLY Switzerland

(72)Name of Inventor :

1)TOFT, NILS

2)BENTMAR, MATS

3)BERLIN, MIKAEL

(57) Abstract :

The invention relates to a non-foil packaging laminate for liquid food packaging comprising a first layer of paper, which first paper layer is situated towards the inner side of the laminated packaging material and a second layer of paper situated towards the outer side of the laminated packaging material said first and second paper layers being laminated to each other by means of a first intermediate bonding layer in a sandwich structure, the packaging laminate further comprising a gas barrier coating layer, coated onto the inner side of the first paper layer by liquid film coating of a liquid gas barrier composition onto said first paper layer and subsequent drying, the liquid composition containing a polymer binder dispersed or dissolved in an aqueous or solvent medium, and a further barrier layer towards water vapour laminated and bonded to the barrier- coated inside of the first paper layer. The invention also relates to a method for manufacturing of the packaging laminate and to a packaging container that is made from the packaging laminate.

No. of Pages : 67 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2201/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/06/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : MULTI FAUCET WATER FILTER

(51) International classification	:B01F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ECO CRYSTAL PVT. LTD
(32) Priority Date	:NA	Address of Applicant :SY 114, SITE NO. 115 & 116,
(33) Name of priority country	:NA	RAJAPALYA, HOODI GARDEN, MAHADEVAPURA POST,
(86) International Application No	:NA	BANGALORE 560 048 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)BHATTACHARYYA, DULAL KUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter relates to a water treatment system (100). The water treatment system (100) includes a first treatment unit (112), a second treatment unit (118) coupled to the first treatment unit (112), and a flow control device (116). The flow control device (116) is provided between an outlet of the first treatment unit (112) and an inlet of the second treatment unit (118). Furthermore, the flow control device (116) is configured to facilitate an independent operation of the first treatment unit (112) and second treatment unit (118).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2202/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :03/08/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : STABILIZED ZOLMITRIPTAN ORALLY DISINTEGRATING TABLET

(51) International classification	:A61K9/00, A61K31/00	(71) Name of Applicant : 1)SUVEN NISHTAA PHARMA PVT LTD Address of Applicant :SUVEN NISHTAA PHARMA PVT LTD, SERENE CHAMBERS, ROAD NO.5, AVENUE-7, BANJARA HILLS, HYDERABAD - 500 034. Andhra Pradesh India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)RAVULA SAYISIVA PRASAD
(33) Name of priority country	:NA	2)MUPPALLA RAMESH
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the orally disintegrating tablets of Zolmitriptan comprising the Zolmitriptan as an active ingredient and a stabilizer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2212/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/06/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR FACILITATING COMMUNICATION BETWEEN DIFFERENT PROTOCOL STACKS VIA VIRTUAL COMMUNICATION DEVICES

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INFOSYS TECHNOLOGIES LIMITED
(32) Priority Date	:NA	Address of Applicant :PLOT NO. 44, ELECTRONICS CITY,
(33) Name of priority country	:NA	HOSUR ROAD, BANGALORE 560 100 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MALHOTRA, LAKSHYA
(87) International Publication No	: NA	2)PADMANABH, KUMAR
(61) Patent of Addition to Application Number	:NA	3)PAUL, SANJOY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A computer-implemented method for facilitating interoperation between communication devices of different networks following different protocols is provided. The computer-implemented method enables creating a virtual device. The virtual device is a software representation of a first communication device in a first network. The computer-implemented method further comprises linking a synchronization module within the virtual device to the first communication device. The synchronization module receives data related to one or more attributes of the first communication device. The computer-implemented method comprises linking at least one mapping module within the virtual device to a second communication device. The mapping module facilitates conversion of the received data and transmission of the converted data to the second communication device for facilitating interoperation there between.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2213/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/06/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR CREATING AN E-COMMERCE WEBSITE IN REAL-TIME

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INFOSYS TECHNOLOGIES LIMITED
(32) Priority Date	:NA	Address of Applicant :PLOT NO. 44, ELECTRONICS CITY,
(33) Name of priority country	:NA	HOSUR ROAD, BANGALORE 560 100 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KOTHARI, CHETAN JAGATKISHORE
(87) International Publication No	: NA	2)CHHABRA, PAWAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A computer-implemented method for creating one or more e-commerce websites in real-time, the method comprising: receiving, via a user interface on a computing device, request to access a tenants website; identifying, using a computer system, a tenant corresponding to the received request; associating, using the computer system, one or more e-commerce applications, corresponding to the identified tenant, to the tenants website; and applying, using the computer system, one or more predetermined changes to the tenants website corresponding to one or more predefined policies for generating the e-commerce website.

No. of Pages : 30 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2254/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : SHIKKAKAI PASTE COMPOSITION AND PROCESS FOR PREPARING THE SAME

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)E. CAROLIN PRABA

Address of Applicant :NO. 15, NEW GIRI ROAD, T.
NAGAR, CHENNAI - 600 017 Tamil Nadu India

(72)Name of Inventor :

1)E. CAROLIN PRABA

(57) Abstract :

The present invention relates to a shikkakai paste composition and a process for preparing the shikkakai paste composition which is a more natural form of easy to use hair wash comprising shikkakai powder as the prime ingredient and other natural herbal extracts for providing additional characteristics like moisturization, shine, conditioning and volumization to the hair. The shikkakai paste alleviates the inherent defects associated with the powder form of shikkakai like difficulty in handling, eye irritation, dust allergy, difficulty in rinsing off the product and creating hair dryness. The shikkakai paste comprises of herbal shikkakai powder, a surfactant, a surfactant thickener, a suspension agent, a humectant and a few herbal hair conditioning agents. This product combines the natural cleansing properties of shikkakai powder with the enhanced cleansing power of a surfactant. The surfactant is suitably thickened by a surfactant thickener. The herbal shikkakai powder is bound to the aqueous-surfactant suspension base with the help of a suitable binding agent. The product is enriched with a range of herbal additives for imparting hair conditioning and volumizing properties.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2135/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :28/07/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : AN IMPROVED AND EXCLUSIVE LOCK (IE LOCK) TO SECURE BARRIERS (WHERE APPLICABLE AND APPROPRIATE)

(51) International classification	:E05B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NEETHALA MITTU
(32) Priority Date	:NA	Address of Applicant :NO.88 B (UPSTAIRS), NAGA KALI
(33) Name of priority country	:NA	AMMAN KOIL STREET, SENGOTTIAH COLONY,
(86) International Application No	:NA	SUNDARAPURAM POST, GANDHI NAGAR, COIMBATORE
Filing Date	:NA	- 641 024. Tamil Nadu India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)NEETHALA MITTU
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

PROBLEM Presently, despite its known vulnerability to burglaries, ONLY the ubiquitous padlocks are used to secure the fastening plates of BARRIERS which are even more vulnerable to burglary. There is NO lock to either completely shield the fastening plates of BARRIERS from being cut through or is there any lock to offer a more reliable method of fastening the two open ends of a BARRIER directly as opposed to fastening plates. By using existing padlocks the fastening plates of Barriers are easily accessible & exposed to burglary attacks. Further as they (fastening plates) are not hardened they are very vulnerable to the use of cutting tools. SOLUTION An exclusive lock having a hardened fork shaped body with a reciprocating transversely operated dead bolt that can be dead locked at will. Here, by virtue of the locks structural shape and design it absolutely secures the BARRIER (to which it is secured) either by means of its deadbolt or by its hollow forked body completely enclosing its open ends.

No. of Pages : 25 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2148/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/06/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : A STARTER MOTOR ASSEMBLY FOR AN INTERNAL COMBUSTION ENGINE

(51) International classification

:F02N

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)LUCAS-TVS LIMITED

Address of Applicant :PADI, CHENNAI 600 050 Tamil Nadu
India

(72)Name of Inventor :

1)DHANDAPANI MURALIDHARAN

2)NALLICHERY SURIYANARAYANA RAMANATHAN

3)SIVARAJAN NATARAJAN

4)BALAKRISHNAN SURESHKUMAR

5)BADRINARAYANAN SOUNDARARAJAN

6)KRISHNAVILASAM RAGHAVAN

ANANDAKUMARAN NAIR

(57) Abstract :

A starter motor assembly for an internal combustion engine comprising a permanent magnet starter motor and solenoid unit operated by a d.c power source with grounded negative terminal; means for switching ON and OFF the power to the starter motor and solenoid unit while starting the engine; and means connecting the positive terminal of the armature of the said motor to ground whenever power to the said motor is switched OFF.

No. of Pages : 7 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2188/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/06/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : PROESS FOR THE PREPARATION OF 1-DEOXY-1 (METHYLAMINO) - D-GLUCITOL 3-[[(2R,3S)-2[(1R)-1-(3,5-BIS(TRIFLUOROMETHYL)PHENYL)ETHOXY]-3-(4-FLUOROPHENYL)4-MORPHOLINYLMETHYL]-2,5-DIHYDRO-5-OXO-1H-1,2,4-TRIAZOL-1-YL]PHOPHONATE (2:)

(51) International classification	:c07d	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MSN LABORATORIES LIMITED
(32) Priority Date	:NA	Address of Applicant :FACTORY: SY.NO.317 & 323,
(33) Name of priority country	:NA	RUDRARAM (VIL), PATANCHERU (MDL), MEDAK (DIST) -
(86) International Application No	:NA	502 329 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SRINIVASAN THIRUMALAI RAJAN
(61) Patent of Addition to Application Number	:NA	2)SAJJA ESWARIAIAH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a process for the preparation of 1-Deoxy- l(methylamino)-D-glucitol [3-[[(2R,3S)-2-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl] ethoxy]-3-(4-fluorophenyl)4-morpholinyl]methyl]-2,5-dihydro-5-oxo- 1H-1,2,4-triazol-1 -yl]phosphonate (2:1), having the following structural formula-1.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2189/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/06/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR MANAGING A DATABASE HAVING A PLURALITY OF TABLES

(51) International classification	:g06f	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INFOSYS LIMITED
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO.44,
(33) Name of priority country	:NA	ELECTRONICS CITY, HOSUR ROAD, BANGALORE - 560
(86) International Application No	:NA	100 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DHIRAJ DHAKE
(61) Patent of Addition to Application Number	:NA	2)ABHAY MOHATA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention proposes a method and a system for managing a database having a plurality of tables. The tables represent a master data of a business application. The method includes receiving an input command from a user for maintaining a table of the plurality of tables. After receiving the command, an Extensible Markup Language (XML) file corresponding to the table is identified. Thereafter, a screen suitable for enabling the user to perform one or more functionalities corresponding to the input command is prepared. The screen is prepared by using a screen object corresponding to the XML file. Various examples of the functionalities may include, but are not limited to, View, Add, Update, and Delete. Subsequently, a query corresponding to the input command is executed for maintaining the table based on the functionalities.

No. of Pages : 38 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2261/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : A METHOD FOR ALERTING A MOBILE DEVICE AT A PREDETERMINED DESTINATION

(51) International classification

:H04L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Alcatel Lucent

Address of Applicant :3 avenue Octave GrÃard 75007 Paris
France

(72)Name of Inventor :

1)VASHISHT Prashant

(57) Abstract :

A method for alerting a mobile device at a predetermined destination. The present invention concerns a method for alerting a mobile device at a predetermined destination, in particular for transport applications. A method for alerting a mobile device at a predetermined destination, said mobile device operating within a communication network, said method consisting in setting an geographic destination to an application server in said communication network, converting the geographic destination into a communication network coordinate system in association with a database, requesting regular location updates to a position determination entity of said communication network, sending a destination trigger event to said mobile device when said mobile device has reached said predetermined destination as determined by said position determination entity of said communication network.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :04/08/2010

(21) Application No.2230/CHE/2010 A

(43) Publication Date : 22/03/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF SILDENAFIL CITRATE

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AUROBINDO PHARMA LTD
(32) Priority Date	:NA	Address of Applicant :PLOT NO.2, MAITRIVIHAR,
(33) Name of priority country	:NA	AMEERPET, HYDERABAD - 500 038 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AMBATI V RAGHAVA REDDY
(87) International Publication No	: NA	2)GARAGA SRINIVAS
(61) Patent of Addition to Application Number	:NA	3)KANKANALA SHANTHAN KUMAR
Filing Date	:NA	4)KOILPILLAI JOSEPH PRABAHAR
(62) Divisional to Application Number	:NA	5)MEENAKSHISUNDERAM SIVAKUMARAN
Filing Date	:NA	

(57) Abstract :

The present application provides an improved process for the preparation of Sildenafil citrate of Formula Ia, which comprises: (i) reacting 5-(2-ethoxyphenyl)-1-methyl-3-n-propyl-1,6-dihydro-7H-pyrazolo[4,3-d]pyrimidin-7-one of formula (II), with chlorosulfonic acid in the presence of thionyl chloride to produce 5-(5-chlorosulfonyl-2-ethoxyphenyl)-1-methyl-3-n-propyl-1,6-dihydro-7H-pyrazolo[4,3-d]pyrimidin-7-one of formula (III); (ii) reacting compound (III) of step (i) with N-methylpiperazine of formula (IV), to produce 5-[2-ethoxy-5-(4-methylpiperazinylsulfonyl)-phenyl]-1-methyl-3-n-propyl-1,6-dihydro-7H-pyrazolo[4,3-d]pyrimidin-7-one of formula (I); (iii) treating Sildenafil (I) with citric acid to produce Sildenafil citrate (Ia).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2246/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : CHARCOAL GENERATION WITH GASIFICATION PROCESS

(51) International classification	:C10J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF SCIENCE
(32) Priority Date	:NA	Address of Applicant :BANGALORE - 560 012 Karnataka
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SRINIVASIAH DASAPPA
(87) International Publication No	: NA	2)DIBBUR NAGESHRAO SUBBU KRISHNA
(61) Patent of Addition to Application Number	:NA	3)PALAKAT JOSEPH PAUL
Filing Date	:NA	4)NAGAMANGALA KRISHNAIYENGAR SRIRANGA
(62) Divisional to Application Number	:NA	RAJAN
Filing Date	:NA	

(57) Abstract :

Disclosed herein is a class of gasification system for coconut shells and woody fuel; to generate charcoal for further processing in a kiln for activated char manufacturing. The reactor is used to generate charcoal efficiently, upto 35 % of the feed rate on a continuous basis along with gaseous fuel for any productive use, like in a boiler, kiln etc. Overall thermal efficiency is in excess of 75 %, with extremely low gaseous emissions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2258/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :01/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : A SELF PROTECTION SYSTEM FOR LIMITING POWER DISSIPATION IN A TERMINATION RESISTOR AND METHOD THEREOF

(51) International classification	:H02J	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SCHNEIDER ELECTRIC INDUSTRIES SAS
(32) Priority Date	:NA	Address of Applicant :35, RUE JOSEPH MONIER, F-92500
(33) Name of priority country	:NA	RUEIL MALMAISON France
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)THEJAS MYSORE
(87) International Publication No	: NA	2)CHIDANAND BURJI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A self-protection system 100 for limiting power dissipation in a termination resistor 112 of a device connected to a communication network and a method of self-protecting the device from over voltage is disclosed. The self-protection system 100 includes a sense resistor 114, a detection circuit 104, a control circuit 106, a switching circuit 110, and a timing circuit 108. The detection circuit 104 detects over voltage across the sense resistor 114 and provides an electrically isolated feedback signal to the control circuit 106. The control circuit 106 generates a first command signal based on the electrically isolated feedback signal. The switching circuit 110 automatically isolates the termination resistor 112 from the communication network based on the first command signal. After a predetermined time period the switching circuit 110 automatically re-connects the termination resistor 112 to the communication network based on a second command signal. The control circuit 106 generates the second command signal based on a timing signal. A timing circuit 108 issues the timing signal at an interval of the predetermined time period.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.229/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : EFFICIENT NETWORK ROUTING TO REDUCE BANDWIDTH USAGE AND LATENCY□

(51) International classification :□04L12/16

(31) Priority Document No :61/219,367

(32) Priority Date :22/06/2009

(33) Name of priority □ountry :U.S.A.

(86) International Application No :PCT/US2010/039474

Filing Date :22/06/2010

(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)OPTICAL FUSION INC.

Address of Applicant :P.O. Box 60478 Palo Alto CA 94306

U.S.A.

(72)Name of Inventor :

1)THAPA Mukund N.

(57) Abstract :

A method and corresponding system for efficiently routing a multi-person conference to reduce bandwidth usage and latency is described. Computing devices used by the participants to participate in the conference are separated into proximity pools based on direct accessibility. For each proximity pool a computing device is selected as the key node. Only the key node communicates directly with a server and redistributes data received from the server to its pool peers. Communications between computing devices within a same pool are routed directed to one another. Proximity pools can be refined to factor in distances among the computing devices. Multiple servers may be used to reduce latency. Proximity pools are assigned to nearby servers. Communications between computing devices in different proximity pools are routed through the server(s) associated with the different proximity pool.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2218/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :30/06/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : SYSTEM AND METHOD OF MANAGING TESTING FOR A HEALTHCARE SYSTEMS TRANSITION

(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)INFOSYS LIMITED

Address of Applicant :IP CELL, PLOT NO.44,
ELECTRONICS CITY, HOSUR ROAD, BANGALORE - 560
100 Karnataka India

(72)Name of Inventor :

1)GURURAJ BHIMSEN RAO

(57) Abstract :

A system and a method for managing a health care systems transition are described. Transitions supported may include a migration from Health Insurance Portability and Accountability Act (HIPAA) Electronic Data Interchange (EDI) 4010 standards set to the HIPAA EDI 5010 standards set. An example implementation describes selecting at least two test-case scenarios for inclusion in a test-case that models a healthcare systems transition, linking said scenarios, identifying test data associated with the test-case and, finally, generating an EDI file based on these scenarios and data. Additional embodiments disclosed may include inferring one or more scenarios from an EDI file and importing the scenarios thereby. Some embodiments additionally disclose the creation of a correlation database and identifying data instances for inclusion in the test-case thereby. Finally, in some embodiments, scenarios and data associated with a test-case may be predefined.

No. of Pages : 34 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2265/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :04/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : PHASE INVERSION PREDICTION SYSTEM

(51) International classification	:G01R	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF SCIENCE
(32) Priority Date	:NA	Address of Applicant :BANGALORE - 560 012 Karnataka
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GUPTA, SANJEEV KUMAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present subject matter relates to a system (100) and method for predicting phase inversion in a dispersion (110). The phase inversion prediction system (100) includes a pair of electrodes (107) inserted in the dispersion (110) and connected to a conductivity meter (115). A data acquisition system (120) monitors a voltage signal across a pair of nodes of the conductivity meter (115) and then samples the voltage signal at a pre-determined sampling rate to produce a digital signal. A data logger (125) is connected to the data acquisition system (120) to ascertain presence of a plurality of voltage pulses within the digital signal for predicting the phase inversion.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2297/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :05/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : PROCESS FOR LENALIDOMIDE

(51) International classification

:C07D

(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)HETERO RESEARCH FOUNDATION

Address of Applicant :HETERO DRUGS LIMITED,
HETERO CORPORATE, 7-2-A2, INDUSTRIAL ESTATES,
SANATH NAGAR, HYDERABAD - 500 018 Andhra Pradesh
India

(72)Name of Inventor :

1)PARTHASARADHI REDDY, BANDI

2)RATHNAKAR REDDY, KURA

3)MURALIDHARA REDDY, DASARI

4)RAMAKRISHNA REDDY, MATTA

5)VAMSI KRISHNA, BANDI

(57) Abstract :

The present invention provides an improved process for the preparation of 3-(benzyloxycarbonylamino)piperidine-2,6-dione. The present invention also provides an improved process for the preparation of 3-(4-nitro-1-oxo-1,3-dihydro-2H-isoindol-2-yl)piperidine-2,6-dione. The present invention further provides a process for the preparation of lenalidomide crystalline Form H1 .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2299/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :05/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : DEVICE FOR PROTECTING A TRANSIENT VOLTAGE LIMITING CIRCUIT AGAINST CONTINUOUS OVER VOLTAGE

(51) International classification	:G05F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED
(32) Priority Date	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(33) Name of priority country	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	2)ROBERT BOSCH GMBH
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)KARTHIK BALAKRISHNAN
Filing Date	:NA	2)SRIKUMAR SADASIVAM
(62) Divisional to Application Number	:NA	3)PAVAN KUMAR KALYANI
Filing Date	:NA	

(57) Abstract :

A device (20) for protecting an electrical device (50) against continuous over voltages of a supply voltage (12), said device (20) comprising a switch (38) connected between the supply voltage (12) and the electrical device (50), the switch (38) being operated by a control means (34), characterized in that the control means (34) measuring a time duration of which the supply voltage is above a reference voltage and measuring a time duration of which the supply voltage is below the reference voltage and opens and closes the switch (38) in dependence of ratio of the measured time durations.2

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.231/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : A CRYSTALLINE FORM OF POSACONAZOLE

(51) International classification :C07D405/14

(31) Priority Document No :09165050.7

(32) Priority Date :09/07/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/059851

Filing Date :09/07/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SANDOZ AG

Address of Applicant :Lichtstrasse 35 CH-4056 Basel
Switzerland

(72)Name of Inventor :

1)WIESER Josef

2)PICHLER Arthur

3)HOTTER Andreas

4)GRIESSER Ulrich

5)LANGES Christoph

(57) Abstract :

The present invention relates to crystalline form II-S its preparation and its use to prepare other crystalline forms of posaconazole in particular crystalline form IV of posaconazole.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.228/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : PROCESSES FOR THE PREPARATION OF INTERMEDIATES OF N-[2-(7-METHOXY-1-NAPHTHYL) ETHYL] ACETAMIDE

(51) International classification :C07C231/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/IN2011/000003

Filing Date :04/01/2011

(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

(71)Name of Applicant :

1)SYMED LABS LIMITED

Address of Applicant :8-3-166/6 & 7, II FLOOR, SREE
ARCADE, ERRAGADDA, HYDERABAD - 500 018 Andhra
Pradesh India

(72)Name of Inventor :

1)DODDA MOHAN RAO

2)PINGILI KRISHNAREDDY

3)AMBATI ANNA REDDY

(57) Abstract :

The present invention relates to processes for the synthesis of N-[2-(7-methoxy-l-naphthethyl] acetamide, amorphous form of N-[2-(7-methoxy-l-naphthethyl] acetamide and intermediates thereof.

No. of Pages : 63 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2295/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :04/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : GLOBAL UNIVERSAL BANKING

(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)ARUN JAIN

Address of Applicant :II FLOOR, VARISHTA GARDEN,
NO.20 CLUB, GATE ROAD, R.A.PURAM, CHENNAI - 600
028 Tamil Nadu India

(72)Name of Inventor :

1)ARUN JAIN

(57) Abstract :

The architecture of global universal banking comprises of eight blocks which provides both banking and financial services through a single window. Block A, Block B, Block D, Block E, Block F, Block G, Block H and Block K represents various line of business in banking world. Block G forms the core of the business which is supported by common back-end services and front-end services.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2307/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :06/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : AN IMPROVED AIR TURBINE WHEEL

(51) International classification	:F02C	(71)Name of Applicant :
	9/00	1)ENGINE AND TEST BED RESEARCH AND DESING
(31) Priority Document No	:NA	CENTRE, HAL (ETBRDC)
(32) Priority Date	:NA	Address of Applicant :OLD MADRAS ROAD,
(33) Name of priority country	:NA	BANGALORE - 560 093 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)AMAR SINGH
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to an improved characteristic of Air turbine Wheel used for aeronautical applications. Thus in accordance with this invention the improved air turbine wheel comprises of an impeller and inducer ie. radial and axial turbine wheel formed into a single integral wheel for starting the aero engine upto self sustaining speed. Yet another object of this invention is to reduce the mass of the combination and improve the flow which eventually results in improved fatigue life.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2308/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :06/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : GREEN SYNTHESIS OF METAL NANOPARTICLES USING PLANT POLYPHENOLS PRESENT IN THE FORM OF HYDROLYSABLE TANNINS

(51) International classification	:B01J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MANDAL DR BADAL KUMAR
(32) Priority Date	:NA	Address of Applicant :ENVIRONMENTAL AND
(33) Name of priority country	:NA	ANALYTICAL CHEMISTRY DIVISION, SCHOOL OF
(86) International Application No	:NA	ADVANCED SCIENCES, VIT UNIVERSITY, VELLORE - 632
Filing Date	:NA	014 Tamil Nadu India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)MANDAL DR BADAL KUMAR
Filing Date	:NA	2)KESARLA MR MOHAN KUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In this present invention, making of nano metals such as iron, palladium, silver and gold using green chemistry synthetic technique was provided. The detail description how hydrolysable tannins involved in reduction process was demonstrated.

No. of Pages : 29 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.232/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : IN VIVO TUMOR VASCULATURE IMAGING

(51) International classification :A61K49/00
(31) Priority Document No :09165031.7
(32) Priority Date :09/07/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/059858
Filing Date :09/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)F. HOFFMANN-LA ROCHE AG
Address of Applicant :124 Grenzacherstrasse CH-4070 Basel
Switzerland
(72)**Name of Inventor :**
1)DOBOSZ Michael
2)KLEIN Christian
3)SAM Johannes
4)SCHEUER Werner

(57) Abstract :

The present invention relates to non-invasive methods of and uses for in vivo imaging tumor vasculature in a subject comprising detecting a fluorescence labelled anti-CD31 antibody. In a further aspect the present invention relates to non-invasive methods of and uses for in vivo monitoring the therapeutic efficacy of an anti-angiogenic agent in a subject comprising detecting a fluorescence labelled anti-CD31 antibody. In addition a kit for use in the methods of the present invention is provided which comprises a fluorescence labelled anti-CD31 antibody and means for near-infrared fluorescence imaging to detect the antibody in a subject.

No. of Pages : 100 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2333/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : INDUCED OVERRUN MODE FOR AN INTERNAL COMBUSTION ENGINE

(51) International classification	:B60W	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED
(32) Priority Date	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(33) Name of priority country	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	2)ROBERT BOSCH GMBH
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SUSHANTA KUMAR SARKAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention proposes a method to create an overrun condition for an engine at least once in a driving cycle. The overrun condition is the one when the engine is running above a threshold RPM and the fuel is cut off to the engine. The pistons keep rotating for some time because of the momentum gained by the engine. The overrun condition is necessary to run diagnostic tests. The overrun condition happens naturally when the user removes the foot from the accelerator pedal when the vehicle is running above a certain speed. But such a condition is not predictable and overrun condition may not occur naturally. Under such condition invention proposes to induce an overrun condition on detecting a predefined state of the engine. The predefined is the one when the vehicle is stationary and user has not pressed the accelerator pedal and the transmission is in neutral position. On detecting of the predefined state of the engine the invention induces the overrun condition by injecting a predefined amount of fuel to bring engine RPM to a known value. Then the fuel is cut off. A diagnostic test is run during the overrun condition. After the test is over the engine is brought back to idle state.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.2321/CHE/2011 A

(43) Publication Date : 22/03/2013

(54) Title of the invention : A MOVABLE HEATING ASSEMBLY FOR AN AQUEOUS SOLUTION TANK

(51) International classification	:H05K	(71)Name of Applicant :
(31) Priority Document No	7/20	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MURALI SIDDHAN
(62) Divisional to Application Number	:NA	2)PRADEEP PAULRAJ
Filing Date	:NA	

(57) Abstract :

The present invention discloses a device for heating an aqueous solution in a tank (10). The device includes at least one heating element (12) provided inside the tank. The heating element (12) is connected to at least one spring (14). The heating element (12) is fitted with a first magnetic material element (16) and a second magnetic material element is provided inside the tank (10) such that the attractive and repulsive forces can develop between the two magnetic elements. Due to the attraction and repulsion between the two magnetic elements (16 and 18), the heating element (12) moves to and fro in the tank (10). Thus, the heating element is able to cover maximum possible volume for heating the aqueous solution. This helps to increase the available liquid ammonia solution inside the tank (10).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2323/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : ENERGY SAVING VOLTAGE STABILIZER

(51) International classification	:G05F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VEERARAGHAVAN RAJAN
(32) Priority Date	:NA	Address of Applicant :NO:409-B, 21ST STREET, 5TH
(33) Name of priority country	:NA	SECTOR, K.K. NAGAR, CHENNAI - 600 078 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VEERARAGHAVAN RAJAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to energy saving mechanism to save self loss in the step down transformer and the associated loss when the load is not in use or when the boosted voltage is not required. The stabilizer has a step down transformer, voltage selecting relay connected to the said transformer meant to select the required voltage, a electronic energy saving mechanism being connected between the voltage selecting relay and the final ON/OFF relay the said electronic energy saving mechanism having provision to receive the main power supply as an input and further the said electronic energy saving mechanism being connected to the step down transformer the step down transformer being connected the electronic energy saving mechanism through voltage selecting relays, the said electronic energy saving mechanism being adopted to receive signal from CT, the said electronic energy saving mechanism being connected to the load through main ON/OFF relay Such that the electronic energy saving mechanism decides either the step down transformer should be engaged in the circuit or not. With the help the two signals namely CT signal and voltage healthiness signal thereby saving the energy by isolating the Step down transformer in the circuit when not needed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2336/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : AN ELECTRONIC DEVICE PROVIDING DIFFERENT ACCESSES TO DIFFERENT USERS THROUGH SINGLE USER INTERFACE

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS SOLUTIONS LIMITED
(32) Priority Date	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(33) Name of priority country	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	2)ROBERT BOSCH GMBH
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)JAYACHANDAR B
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention proposes a device and a method to provide different functionalities to different users through a set of icons displayed in the finger touch sensor area. The electronic device 10 comprises a finger touch sensor 12, a display 14, an user interface 16, a set of databases 18 of fingerprints and a set of functions 20. The electronic device 10 also comprises a set of applications, for example, a Radio application 22, a Navigation application 24. Here a set of icons are displayed on the display which has the finger touch sensor 12 below it. Depending upon the finger print of the user touching the icon, a function associated to the user is executed. Thus a same icon when used by different users executes a different function.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2337/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :13/08/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : IMPROVISED POULTRY DRINKER

(51) International classification

:A01K

(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)MYLSAMY RANGARAMANUJAM

Address of Applicant :NO:13/20, COATS, SITRA-KALAPATTI ROAD, CIVIL AERODROME POST, COIMBATORE - 641 014. Tamil Nadu India

(72)Name of Inventor :

1)MYLSAMY RANGARAMANUJAM

(57) Abstract :

An Improved Poultry Drinker, comprising of a receiving bowl (1), adequately supported by a Bottle (2). The Bowl (1) has a trough (21) to store water for chicks and a top mechanism for filtering and controlling the flow of water into the trough. This is controlled by the weight of the receiving bowl (1) to maintain a pre-determined water level in the trough by virtue of a float (10). As the water level rises in the trough of the bell, the spout (17) reaches and rests against the rubber washer (11) provided in the groove (22) of the float, thereby stopping the flow of water. As the water level decreases in the trough, as the chicks start consuming the water, the spout provided in the top mechanism slowly raises from the rubber washer. Water is allowed to flow, because of which water level is always maintained at the pre-determined level.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.23/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : PROCESSES FOR THE PREPARATION OF (+)-N, N-DIMETHYL-2- [1-(NAPHTHALENYLOXY) ETHYL] BENZENE METHANAMINE AND INTERMEDIATES THEREOF

(51) International classification :A01N37/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/IN2011/000116

Filing Date :25/02/2011

(87) International Publication No : WO/2011/161690

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SYMED LABS LIMITED

Address of Applicant :8-3-166/6 & 7, II FLOOR, SREE
ARCADE, ERRAGADDA, HYDERABAD - 500 018 Andhra
Pradesh India

(72)Name of Inventor :

1)DODDA MOHAN RAO

2)PINGILI KRISHNAREDDY

3)AAADEPU JITHENDER

(57) Abstract :

The present invention relates to processes for the preparation of S(+)-N,N-dimethyl-2-[1-(naphthalenyloxy)ethyl]benzene methanamine and intermediates thereof. More particularly the present invention relates to preparation of the compound 3(S)-(+)-N,N-dimethylamino-3-phenyl propanol useful as intermediate in the synthesis of pharmaceutically active compounds.

No. of Pages : 39 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.230/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : TWO-PART VALVE

(51) International classification	:F16K31/04
(31) Priority Document No	:0910082.7
(32) Priority Date	:11/06/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/001157
Filing Date	:11/06/2010
(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)NORGREN LTD

Address of Applicant :PO Box 22 Eastern Avenue Lichfield
Staffordshire-WS13 6SB United Kingdom

(72)**Name of Inventor :**

1)SEALY Mark

(57) Abstract :

A two-part valve (100) is provided according to the invention. The two-part valve (100) includes a valve body (104) including a valve mechanism (103) with the valve mechanism (103) including an actuation member (107) a valve flange (105) formed on the valve body (104) a valve actuator (123) configured to couple to the valve body (104) with the valve actuator (123) including an actuator shaft (126) configured to couple to the actuation member (107) of the valve mechanism (103) an actuator flange (124) formed on the valve actuator (123) and a clamp configured to clamp the actuator flange (124) to the valve flange (105) thereby removably affixing the valve actuator (123) to the valve body (104).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.234/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : WINDING DEVICE FOR COVERING WALL OPENINGS OR WINDOWS

(51) International classification :E06B 9/40
(31) Priority Document No :20 2009 005 007.6
(32) Priority Date :09/07/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/004082
Filing Date :06/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)ZETTL Horst

Address of Applicant :Am Hirtenweg 1 94522 Wallersdorf
Germany

(72)Name of Inventor :

1)ZETTL Horst

(57) Abstract :

The invention relates to a winding device and to a method for covering wall openings or windows. The winding device comprises a covering element that can be rolled up a deflecting element that has a wave-like design or is simply formed by a bottom hemline or a bottom woven fabric edge and/or longitudinal edge and at least on raising and lowering unit. In addition the covering element is provided with an upper longitudinal edge which is preferably arranged in parallel to the deflecting element. The lower longitudinal edge is either connected to the deflecting element or is formed by the same so that as a result of a rotation of the deflecting element or of the lower woven fabric edge and/or longitudinal edge about a horizontal axis the covering element can be rolled up or down. The raising and lowering unit comprises at least one cord wherein at least one free end of the cord is connected to the raising and lowering unit. The cord is arranged such that it encloses the covering element so that the deflecting element or the lower longitudinal edge is guided in the bend of the cord. The at least one cord can be guided in two opposite directions of movement that are relative to one another.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2340/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : A DEVICE FOR MONITORING WEAR OF VEHICLE TIRES

(51) International classification	:B60C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VIVEK GOWTHAM
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a device (10) for monitoring wear of vehicle tyres (16). The device transmits wireless signals in direction of the tyres and receives the reflected signal to determine the tread depth of the tyres. When the tread depth is less than a threshold value, an indicating means (26) indicates a warning to the driver that the tread depth is less than the threshold. Parameters like temperature, loading conditions and tyre material may also be considered while deciding the threshold.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2341/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : RELATION BETWEEN SURFACE TENSION AND DENSITY OF LIQUIDS BY R. VELMURUGAN

(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

(71)Name of Applicant :

1)R. VELMURUGAN

Address of Applicant :146/5, NORTH STREET,
SENGAMEDU (VILL), AVINANGUDI (PO), TITTAGUDI(TK),
CUDDALORE (DT) - 606 112 Tamil Nadu India

(72)Name of Inventor :

1)R. VELMURUGAN

(57) Abstract :

One day I(R.VELMURUGAN) studied properties of ; i liquid at 2 93K in a book ,surface tension of ; liquids found to possess direct proportionality with density of liquids , this incidence induce me to make formula that govern surface tension of liquids and density of liquids.

No. of Pages : 5 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :12/08/2010

(21) Application No.2316/CHE/2010 A

(43) Publication Date : 22/03/2013

(54) Title of the invention : ENHANCING PHYTOCHEMICALS AND NUTRIENTS IN PLANTS AND PLANT PARTS

(51) International classification	:A01G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ANURADHA MANIYAM
(32) Priority Date	:NA	Address of Applicant :#2392, 22ND CROSS, 7TH MAIN,
(33) Name of priority country	:NA	BANASHANKARI 2ND STAGE, BANGALORE - 560 070
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	2)SUBBANARASHIMHAN BALASUBRAMANYA
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)ANURADHA MANIYAM
Filing Date	:NA	2)SUBBANARASHIMHAN BALASUBRAMANYA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to the invention, the object is achieved by providing all necessary conditions at optimum level to produce plant and plant parts having higher nutrients and secondary metabolites, when compared to normal plants or grown in tap water. Formulated solution containing balanced nutrients, higher levels of targeted nutrient, required pH, single or multiple eliciting factors, required concentrations of natural preservatives and maintained at required temperature and light facilitated to achieve the above object.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.233/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : CATCH FITTING FOR A PULL-OUT GUIDE

(51) International classification	:A47B 88/04
(31) Priority Document No	:10 2009 026 142.7
(32) Priority Date	:09/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/058890
Filing Date	:23/06/2010
(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)PAUL HETTICH GmbH & CO. KG

Address of Applicant :Vahrenkampstrasse 12-16 32278

Kirchlengern Germany

(72)Name of Inventor :

1)HOFFMANN Andreas

(57) Abstract :

The invention relates to a catch fitting for a pull-out guide in particular for drawers comprising a switching curve (20) in which a switching element (10) is displaceably mounted wherein the switching curve (20) comprises a loop-shaped segment (23) having a catch depression (26). The switching element (10) can be engaged with the catch depression (26) by the force of a spring (63). An initiator (30) is provided by means of which the switching element (10) can be displaced out of the catch depression (26).

No. of Pages : 28 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2342/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :13/08/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : TIME AND PH DEPENDENT COLON SPECIFIC SUSTAINED RELEASE PHARMACEUTICAL COMPOSITION FOR ONCE-A-DAY THERAPY FOR THE TREATMENT OF RHEUMATOID ARTHRITIS

(51) International classification	:A61K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RAGHUNADHA GUPTA CHINDUKURU
(32) Priority Date	:NA	Address of Applicant :ANDHRA UNIVERSITY COLLEGE
(33) Name of priority country	:NA	OF PHARMACEUTICAL SCIENCES, ANDHRA
(86) International Application No	:NA	UNIVERSITY, VISAKHAPATNAM - 530 003. Andhra Pradesh
Filing Date	:NA	India
(87) International Publication No	: NA	2)PROF. VIJAYA RATNA JAYANTI
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAGHUNADHA GUPTA CHINDUKURU
(62) Divisional to Application Number	:NA	2)PROF. VIJAYA RATNA JAYANTI
Filing Date	:NA	

(57) Abstract :

A pharmaceutical system for the time dependent and pH dependent colon specific sustained release is disclosed. The formulation includes 1) a central core comprising of aceclofenac formulated as microcapsules with pH dependent polymers to release the drug in a site specific manner in the colon; and 2) a pH independent release rate controlling polymer to provide the predetermined lag time for drug release in time dependent manner; and 3) an outer enteric coating layer surrounding said core comprising microcapsules and pH independent polymers, wherein said outer enteric coating layer dissolves upon exposure to pH greater than 5.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2342/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : RELATION BETWEEN REFRACTIVE INDEX AND DENSITY OF ORGANIC COMPOUND BY R. VELMURUGAN

(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

(71)Name of Applicant :

1)R. VELMURUGAN

Address of Applicant :146/5, NORTH STREET,
SENGAMEDU (VILL), AVINANGUDI (PO), TITTAGUDI(TK),
CUDDALORE (DT.) - 606 112 Tamil Nadu India

(72)Name of Inventor :

1)R. VELMURUGAN

(57) Abstract :

When I studying about properties of organic compounds at 293K in a scientific data book , refractive index of organic compounds found to possess direct proportionality with density of organic compounds,this incidence induce me to make formula that govern relation between refractive index of organic compound with density of organic compound.

No. of Pages : 6 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2343/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : RELATION AMONG SPIN TIME, RADIUS AND DENSITY OF PLANET BY R.VELMURUGAN

(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

(71)Name of Applicant :

1)R. VELMURUGAN

Address of Applicant :146/5, NORTH STREET,
SENGAMEDU (VILL), AVINANGUDI (PO), TITTAGUDI(TK),
CUDDALORE (DT.) - 606 112 Tamil Nadu India

(72)Name of Inventor :

1)R. VELMURUGAN

(57) Abstract :

I go through details about solar family in clarks table ,spin time ,radius and density of planet found to possess formula when I try trial and error methodically make formula among them, previously written facts are background of invention.

No. of Pages : 6 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2344/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : HAPPYMIXX SMART MIXER

(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

(71)Name of Applicant :

1)MRS. PUSHPA SURANA

Address of Applicant :#6/142, 7TH CROSS, K.B. TEMPLE
ROAD, 6TH BLOCK, RAJAJINAGAR, BANGALORE - 560
010 Karnataka India

(72)Name of Inventor :

1)MRS. PUSHPA SURANA

(57) Abstract :

A mixer for mixing liquids, grinding food stuff, Chopping Dry foods, making Fruit & Vegetable Juices comprising a Polycarbonate Jar and a Base with housing for motor. The Mixer provides a push and pull mechanism of locking the Jar with the base.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.236/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : ROTATING MULTI-LATCH RELEASE MECHANISM

(51) International classification :E05B 65/46

(31) Priority Document No :12/506,173

(32) Priority Date :20/07/2009

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

(86) International Application No :PCT/US2010/042178

Filing Date :15/07/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)CAREFUSION 303 INC.

Address of Applicant :3750 Torrey View Court San Diego
CA 92130 U.S.A.

(72)Name of Inventor :

1)RAHILLY Michael

(57) Abstract :

A drawer that includes a container and an activation member is disclosed. The container includes a receptacle and a lid. The lid moves between an open position allowing access to the receptacle and a closed position restricting access to the receptacle. The container further includes a fastener coupled to the lid to fasten the lid to the receptacle when the lid is in the closed position. The activation member moves radially around a longest axis of the activation member and includes an actuator. When the activation member is rotated in a first direction the actuator is placed into a first orientation relative to the fastener. When the activation member is rotated in a second direction opposite the first direction the actuator is placed into a second orientation relative to the fastener such that the actuator actuates the fastener to cause the lid to move into the open position.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2338/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :13/08/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : IMPROVISED & ADJUSTABLE POULTRY FEEDER

(51) International classification	:a01k39/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MYLSAMY RANGARAMANUJAM
(32) Priority Date	:NA	Address of Applicant :NO: 13/20, COATS, SITRA-
(33) Name of priority country	:NA	KALAPATTI ROAD, CIVIL AERODROME POST,
(86) International Application No	:NA	COIMBATORE-641 014. Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MYLSAMY RANGARAMANUJAM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Wherein a Conical Granule Receiver (4), Vertical Body (3), a Bowl (1), united by a hanging rod (2). Bottom of the hanging rod (2) carries a collar (21) and the top carries a hole (16) for suspension through a hook (6) and a cord adjuster (7). Four slots (8, 9, 10 & 11) are provided on the top of the vertical body (3). When the vertical body rests on the stopper (18) provided on the hanging rod (2) there is an appropriate opening at the bottom. Slot 8 fixed for birds of 2 weeks, slot 9 fixed for birds of 3 weeks, slot 10 fixed for birds of 4 weeks and slot 11 fixed for feeding birds that of 5 weeks, marked as 2, 3, 4 & 5 on the vertical body, to be matched against the arrow (17) of the hanging rod (2).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.235/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : IDENTIFICATION DEVICE FOR TIN SURFACE OF FLOAT GLASS

(51) International classification :G01N 21/64
(31) Priority Document No :201020182123.9
(32) Priority Date :30/04/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/072657
Filing Date :12/04/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)Beijing Aoptek Scientific Co. Ltd.
Address of Applicant :Building 19 No.26 Outer Ring
Western Road Science & Technology Park FengTai District
Beijing-100070 China
(72)Name of Inventor :
1)ZHANG Zhemin

(57) Abstract :

An identification device for a tin surface of float glass includes an outer shell (3) a gas discharge light tube (5) and a power source. The gas discharge light tube (5) and the power source are arranged inside the outer shell (3). An irradiation window is installed on the outer shell (3) corresponding to the position of the gas discharge light tube (5). A UV light-absorbing mark (6) is provided on the inner or outer surface of the irradiation window and the tin surface of float glass can be visually indentified according to whether the mark (6) can be observed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2352/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :16/08/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF AMORPHOUS CILASTATIN SODIUM

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AUROBINDO PHARMA LTD
(32) Priority Date	:NA	Address of Applicant :AUROBINDO PHARMA LTD, PLOT
(33) Name of priority country	:NA	NO.2, MAITRIVIHAR, AMEERPET, HYDERABAD - 500 038
(86) International Application No	:NA	Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)ANKARAJU MURALI KRISHNA
(61) Patent of Addition to Application Number	:NA	2)VASCURI JANARDHANA RAO
Filing Date	:NA	3)NAGAJI AMBABHAI VEKARIYA
(62) Divisional to Application Number	:NA	4)AMINUL ISLAM
Filing Date	:NA	5)MEENAKSHISUNDERAM SIVAKUMARAN

(57) Abstract :

The present invention relates to an improved process for the preparation of amorphous Cilastatin sodium of formula I.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2365/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :17/08/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : AN IMPROVED INDUSTRIAL PROCESS FOR THE SYNTHESIS OF A KEY INTERMEDIATE OF DONEPEZIL

(51) International classification :C07D211/00
(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)HERMES CHEMICAL COMPANY PRIVATE LIMITED

Address of Applicant :10-2-274/C/2, MISHRA BHAVAN,
BESIDE MAHARAJA BAKERS, WEST MAREDPALLY,
SECUNDERABAD 500 026 Andhra Pradesh India

(72)Name of Inventor :

1)SUGATA CHATTERJEE

2)KUNAL SIGTIA

3)VUPPUNOOTHULA PRAVEEN KUMAR

4)REDDIMALLA RAVI KUMAR

5)AMBATI SHIVARAGHAVA RAO

6)THOTA RAMBABU

7)PANNLA SHEKHAR

(57) Abstract :

We are claiming an extremely efficient, less hazardous and economic way of making the structure having formula (III), a key intermediate for the preparation of donepezil.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2377/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :18/08/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : PRASUGREL HYDROCHLORIDE CRYSTALLINE PARTICLES

(51) International classification	:C07D495/00
(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)HETERO RESEARCH FOUNDATION

Address of Applicant :HETERO DRUGS LIMITED,
HETERO CORPORATE, 7-2-A2, INDUSTRIAL ESTATES,
SANATH NAGAR, HYDERABAD-500 082. Andhra Pradesh
India

(72)Name of Inventor :

1)PARTHASARADHI REDDY, BANDI

2)RATHNAKAR REDDY KURA

3)MURALIDHARA REDDY DASARI

4)RAJI REDDY RAPOLU

5)SRINIVAS REDDY ITIYALA

6)VAMSI KRISHNA BANDI

(57) Abstract :

The present invention relates to prasugrel hydrochloride crystalline particles having mean particle size of more than about 10 μm , to the methods for the manufacture of said crystalline particles, and to pharmaceutical compositions comprising said crystalline particles.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2379/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :19/08/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : AN IMPROVED SIEVE PAD AND MOUNTING ARRANGEMENTS THEREFOR

(51) International classification

:B07B

(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)KONDAPALLI RANGA RAO

Address of Applicant :2-24-93/5, NEW IDA, UPPAL,
HYDERABAD - 39 Andhra Pradesh India

(72)Name of Inventor :

1)KONDAPALLI RANGA RAO

(57) Abstract :

This Invention provides for improvise in the prevailing mounting mechanisms and to eliminate the maintenance issues generated during the operations by having a integrated sieve pad mounting construction. To mount the sieve pads firmly and no slip outs during the vibrations generated during sieving process by eliminating the bolting mechanism which inturn reduces the cost of maintenance and also improves the durability of the sieve pads. It facilitates the re-usability of mounting plate, pin for a new sieve pad during replacement of the worn out or used pad. Unlike the previous developments have used various metallurgies and materials like plastics, and fiber etc, this mounting mechanism can only be achieved by means of metal construction since the weld joints are used to ensure the firmness.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2334/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : A WIPER BLADE ASSEMBLY

(51) International classification	:B60S	(71)Name of Applicant :
(31) Priority Document No	1/04	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ARTHI NARASIMHAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention discloses a wiper blade assembly (10) for a vehicle comprising a housing (12) for storing a plurality of wiping attachments (14). The housing (12) is adapted to move across the surface of a windshield (16) of the vehicle. The wiping attachments (14) are adapted to slide in and out of said housing (12) independently by switching between a stored position and an operative position. A means for selecting (18) one of said plurality wiping attachments (14) to be in operative position and make contact with the windshield (16) is provided in the vehicle compartment for the driver to operate.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2335/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :08/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : A REFRIGERANT RECOVERY AND RECHARGE DEVICE

(51) International classification	:F25B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BOSCH LIMITED
(32) Priority Date	:NA	Address of Applicant :POST BOX NO 3000, HOSUR ROAD,
(33) Name of priority country	:NA	ADUGODI, BANGALORE - 560 030 Karnataka India
(86) International Application No	:NA	2)ROBERT BOSCH GMBH
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)VENKATESH G K
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A refrigerant recovery and recharge device and a method to recharge oil to a refrigeration equipment is disclosed. The refrigerant recovery and recharge device comprises a valve block which is adapted to establish fluid communication between the device and a refrigeration equipment and a recharge path adapted to recharge oil to the refrigeration equipment through an outlet in the valve block. The device further comprises at least a first oil container and a second oil container and the valve block comprises a valve with a first inlet and a second inlet. The first oil container is in fluid communication with the first inlet and the second oil container is in fluid communication with the second inlet to recharge oil to the refrigeration equipment. The method for recharging oil recharges oil either from the first oil container or the second oil container in dependence of the type of fuel used in the vehicle.

No. of Pages : 12 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2349/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :16/08/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : ARTIFICIAL BONE IMPLANT

(51) International classification	:A61B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CHANDRAMOHAN
(32) Priority Date	:NA	Address of Applicant :46, VEERAMANINAGAR,
(33) Name of priority country	:NA	NANMANGALAM, CHENNAI - 600 117 Tamil Nadu India
(86) International Application No	:NA	2)KRISHNASWAMY MARIMUTHU
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)CHANDRAMOHAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An artificial bone implant (1) for its application in bone(2)grafting, comprising a combination of natural fibres and hybrid fibres reinforced to form a biocompatible composite material in a homogenous matrix, and adapted to be fabricated to form the desired shape and size, said natural fibres having optimum proportions of banana fibre, sisal fibre and roselle fibre and hybrids of said natural fibres, such as herein described.

No. of Pages : 49 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2360/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :17/08/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : A SMART SUB SEA TRANSFORMER

(51) International classification	:H01F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NATIONAL INSTUTUTE OF OCEAN TECHNOLOGY
(32) Priority Date	:NA	Address of Applicant :NIOT CAMPUS VELACHERY-
(33) Name of priority country	:NA	TAMBARAM MAIN ROAD, PALLIKARANAI CAMPUS,
(86) International Application No	:NA	CHENNAI - 600100 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)S. MUTHUKRISHNA BABU
(61) Patent of Addition to Application Number	:NA	2)A. UMAPATHY
Filing Date	:NA	3)A.A.GNANARAJ
(62) Divisional to Application Number	:NA	4)C.R.DEEPAK
Filing Date	:NA	5)DR. M.A.ATMANAND

(57) Abstract :

A smart sub sea transformer comprising oil filled pressure compensators; means for uniform heating of oil to maintain temperature between 25°C to 50°C ; external tubes for circulating cold sea water and also for serving as reinforcements to the structural members of the casing of the said transformer; gas absorption gel provided on top of the said transformer for absorbing gases emanating from the oil in areas close to the windings; underwater connectors provided for transformer terminations; and sensors to sense water ingress and temperature of the winding.

No. of Pages : 9 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.238/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : APPARATUS AND METHOD FOR TRANSMITTING AND RECEIVING A USER INTERFACE IN A COMMUNICATION SYSTEM

(51) International classification :G06F 15/16
(31) Priority Document No :10-2009-0055105
(32) Priority Date :19/06/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/003963
Filing Date :18/06/2010
(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)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :416 Maetan-dong Yeongtong-gu
Suwon-si Gyeonggi-do 442-742 Republic of Korea
(72)Name of Inventor :
1)Kyung-Mo PARK
2)Jae-Yeon SONG
3)Kook-Heui LEE
4)Seo-Young HWANG

(57) Abstract :

A method and apparatus for transmitting a User Interface (UI) to a client in a communication system supporting a Remote User Interface (RUI) in which a representation level of a UI requested by the client is determined whether the representation level is available in a service provided to the client is determined and a UI having an available representation level is provided to the client according to the determination results.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2354/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : SUSTAINABLE HYDROELECTRIC POWER GENERATING SYSTEM

(51) International classification

:F03B
13/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)MR. DILIP DANIEL JAMES

Address of Applicant :ARDEN VILLA, ST. ANNS RD.
OOTACAMUND 643 001 Tamil Nadu India

(72)Name of Inventor :

1)MR. DILIP DANIEL JAMES

(57) Abstract :

This application for patent for a sustainable hydroelectric power generating system, is based on the following: It has been known since the 1700s that atmospheric pressure will support a column of water that is 10m (33 ft) approx. This principle is utilized in the present invention, so that a small amount of electricity (about 150W) needed to run a motor to create a vacuum of 1 torr and force water to a height of 10m from a lower tank through the action of atmospheric pressure, results, when that water is released from a height of 7m to 8m, in the generation of a much larger amount of electricity (about 3 KW) being generated when that water is released through a turbine. The same water is used over and over again, with the two overhead tanks working in tandem to produce a continuous supply of electricity. The sustainable hydroelectric power generation system works on the principle. That air is approx. 800 times lighter than water, 1 litre of air weighs 1.25 gms approx. while one liter of water weighs 1 kilogram (1000 grams approx.) it therefore requires a correspondingly smaller amount of power to move a volume of air than it would require to move a similar volume of water. Using this principle to create a vacuum of 1 torr, to raise water and release it, results in the continuous generation of electricity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.237/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : CONTROL AGENT FOR SOFT ROT AND CONTROL METHOD FOR THE SAME

(51) International classification :A01P3/00
(31) Priority Document No :2009-144191
(32) Priority Date :17/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/003727
Filing Date :04/06/2010
(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)ISHIHARA SANGYO KAISHA LTD.
Address of Applicant :3-15 Edobori 1-chome Nishi-ku
Osaka-shi Osaka 550-0002 Japan
(72)Name of Inventor :
1)Yoshikazu KURATA
2)Hiroyuki HAYASHI

(57) Abstract :

Provided is a novel control agent for soft rot and a novel control method for the same. The control agent for soft rot of a plant contains 3-chloro-N-(3-chloro-5-trifluoromethyl-2-pyridyl)-alpha alpha alpha-trifluoro-2 6-dinitro-p-toluidine as an active ingredient which is applied to plant cultivation soil.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2383/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : PREPARATION OF ALVIMOPAN

(51) International classification

:C07D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Dr. ReddyTMs Laboratories Limited

Address of Applicant :8-2-337 Road No. 3 Banjara Hills
Hyderabad - 500 034 Andhra Pradesh India **2)Dr. ReddyTMs
Laboratories Inc**

(72)Name of Inventor :

1)JaydeepKumar Dahyabhai Lilakar

2)Kikkuru Srirami Reddy

3)Beeravalli Ramalinga Reddy

4)Veeraboina Madhu Raju

5)Kaipu Rama Krishna Reddy

6)Dubey Manoj Kumar

(57) Abstract :

Aspects of the present invention relates to (S)-1,3-dimethyl-4-piperidone and its process, process for the preparation of (3S,4R)-1,3-dimethyl-4-[3-(1-methylethoxy)-phenyl]-4-piperidiny l carbonic acid ethyl ester using (S)-1,3-dimethyl-4-piperidone, process for the preparation of (3R,4R)-3-(3,4-dimethyl-4-piperidiny l)phenol using (S)-1,3-dimethyl-4-piperidone and process for the preparation of alvimopan or its hydrates or salts using (S)-1,3-dimethyl-4-piperidone.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.240/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : SYSTEMS&NBSP; METHODS&NBSP; AND MEDIA FOR CIRCULATING FLUID IN AN ALGAE CULTIVATION POND□

(51) International classification :C12N 1/12
(31) Priority Document No :12/485,862
(32) Priority Date :16/06/2009
(33) Name of priority count□y :U.S.A.
(86) International Application No :PCT/US2010/001731
Filing Date :15/06/2010
(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)AURORA ALGAE INC.
Address of Applicant :3325 Investment Blvd Hayward CA
94545-3808 U.S.A.
(72)Name of Inventor :
1)PARSHEH Mehran
2)SMITH Jordan
3)STRUTNER Stephen
4)RADAELLI Guido

(57) Abstract :

Systems methods and media for generating fluid flow in an algae cultivation pond are disclosed. Circulation of fluid in the algae cultivation pond is initiated via at least one jet. The circulation of fluid generates a velocity of fluid flow of at least ten centimeters per second in the algae cultivation pond. A head is provided to the at least one jet that overcomes a head loss associated with the velocity of fluid flow of at least ten centimeters per second in the algae cultivation pond.

No. of Pages : 31 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2400/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :13/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : NOVEL POLYMORPHS OF LAFUTIDINE

(51) International classification

:C07D

(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)HETERO RESEARCH FOUNDATION

Address of Applicant :HETERO DRUGS LIMITED,
HETERO CORPORATE, 7-2-A2, INDUSTRIAL ESTATES,
SANATH NAGAR, HYDERABAD - 500 018 Andhra Pradesh
India

(72)Name of Inventor :

1)PARTHASARADHI REDDY, BANDI

2)RATHNAKAR REDDY, KURA

3)MURALIDHARA REDDY, DASARI

4)SRINIVASA RAO, THUNGATHURTHY

5)VAMSI KRISHNA, BANDI

(57) Abstract :

The present invention provides a novel crystalline Form of lafutidine, process for its preparation and pharmaceutical compositions comprising it. The present invention also provides a process for the preparation of lafutidine crystalline Form I.

No. of Pages : 12 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2371/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : A NEW AGENT BASED APPROACH FOR CREATING DYNAMIC INFORMATION SYSTEMS

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MASTERKUBE SOFTWARE SOLUTIONS AND
(32) Priority Date	:NA	SERVICES PVT LTD.
(33) Name of priority country	:NA	Address of Applicant :SECOND FLOOR S1,
(86) International Application No	:NA	LANDMARVEL AISWARYA, 13 KAMARAJ AVENUE, 1ST
Filing Date	:NA	STREET, ADYAR, CHENNAI 600 020 Tamil Nadu India
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)ANTONY ALAPPATT
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a new agent based approach for creating dynamic information system or a business process model that helps in reducing the cost of application. This method is accomplished by configuration of signal flows and interactions. In this method, billing is calculated based on the number of interactions taking place between one or more agents involved in the business process i.e pay per usage policy. This agent based approach minimizes the programming effort and also avoids the need to rewrite the program when the business process changes.

No. of Pages : 19 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2372/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :11/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : TECHNIQUES FOR DETECTION OF SIGNALS IN MULTIPLE-INPUT MULTIPLE-OUTPUT COMMUNICATION SYSTEMS

(51) International classification

:H04B

(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 SCIENCE

Address of Applicant :Indian Institute of Science C.V. Raman
Avenue Bangalore-560012 Tamil Nadu India

(72)Name of Inventor :

1)Ananthanarayanan Chockalingam

2)Balaji Sundar Rajan

3)Srinidhi N

4)Tanumay Datta

(57) Abstract :

A receiver of a multiple-input multiple-output (MIMO) system performs QR decomposition of the channel matrix to enable detection of a transmitted vector in a layered manner. In each layer, a sub-vector of the transmitted vector is estimated. A reactive tabu search is performed if an estimated symbol differs from a nearest symbol in the alphabet by a predetermined value. The receiver may order the entries of the channel matrix prior to QR decomposition to enable estimation in an optimum order. In another embodiment, a receiver performs multiple reactive tabu searches to estimate a transmitted vector. The receiver employs a fixed threshold or a variable threshold for a cost function used in the multiple reactive tabu searches depending on whether the MIMO system is under-determined or not. The techniques enable low bit-error rate (BER) performance in MIMO systems with large number of antennas and when higher-order modulation techniques are used.

No. of Pages : 40 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2387/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :19/08/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF 2-ARYLTHIAZOLE DERIVATIVES

(51) International classification	:C07D277/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MATRIX LABORATORIES LTD
(32) Priority Date	:NA	Address of Applicant :1-1-151/1, IV FLOOR, SAIRAM
(33) Name of priority country	:NA	TOWERS, ALEXANDER ROAD, SECUNDERABAD-500 003
(86) International Application No	:NA	Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SIVA RAMA PRASAD, VELLANKI
(61) Patent of Addition to Application Number	:NA	2)ARABINDA, SAHU
Filing Date	:NA	3)SATYANARAYANA RAAVI
(62) Divisional to Application Number	:NA	4)RAVI, NUCHU
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved process for the preparation of arylthiazole compound of Formula-II by reacting substituted thiobenzamide compound of Formula-III with β -ketoesters of compound of Formula-IV in a suitable solvent in presence of a base. The present invention further relates to conversion of compound of Formula-II to Febuxostat.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.24/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : PROCESSES FOR THE PREPARATION OF 4-{4- [5(S) - (AMINOMETHYL)-2 - OXO-1, 3- OXAZOLIDIN -3-YL] PHENYL}MORPHOLIN-3-ONE

(51) International classification	:A61K 31/535
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IN2011/000504
Filing Date	:01/08/2011
(87) International Publication No	:WO/2012/032533
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SYMED LABS LIMITED
Address of Applicant :8-3-166/6 & 7, II FLOOR, SREE
ARCADE, ERRAGADDA, HYDERABAD - 500 018 Andhra
Pradesh India
(72)**Name of Inventor :**
1)DODDA MOHAN RAO
2)PINGILI KRISHNAREDDY
3)AMBATI ANNA REDDY
4)BUTHUKURI VENKATREDDY

(57) Abstract :

The present invention provides processes for the preparation of 4-{4-[5(S)-(aminomethyl)-2-oxo-1,3-oxazolidin-3-yl]phenyl}morpholin-3-one which are simple, eco-friendly, cost-effective, reproducible, robust and are well amenable on industrial scale.

No. of Pages : 25 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.241/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : NOVEL DEHYDROABIETIC ACID POLYMER

(51) International classification	:C08G 63/02
(31) Priority Document No	:2009-151456
(32) Priority Date	:25/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060758
Filing Date	:24/06/2010
(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)FUJIFILM Corporation
Address of Applicant :26-30 Nishiazabu 2-chome Minato-ku
Tokyo 106-8620 Japan
(72)**Name of Inventor :**
1)SAKUMA Toshimitsu
2)SATO Kozo

(57) Abstract :

The present invention provides a dehydroabietic acid polymer comprising a repeating unit containing a dehydroabietic acid skeleton and a composite material including the same.

No. of Pages : 59 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :14/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : A DIFFERENTIAL PHOTOACOUSTIC RESONANT CELL FOR TRACE GAS ANALYSIS

(51) International classification	:G01N21/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)RAMESH DATLA
(32) Priority Date	:NA	Address of Applicant :B-90, APIE, SANATHNAGAR, I.E.
(33) Name of priority country	:NA	EXTENSION, HYDERABAD - 500 018 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAMESH DATLA
(87) 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 photo acoustic resonant cell, particularly a differential photo acoustic resonant cell that can be used in trace gas analysis to determine the concentration of trace gases in the sample gas mixture. A differential photoacoustic resonant cell for trace gas analysis comprises, a hollow cylindrical cell body (C), two similar resonant tubes (R) disposed inside said cell body (C), two acoustic buffers (B) with the same volumes, two glass windows (W), an inlet (I), an outlet (O), two electret microphones (M), a sensor holder (S) for holding said acoustic sensors, and two end caps (E) for closing said cell body (C), O- Rings.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2379/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF HIGHLY PURE 4-(4-METHYL PIPERAZINOMETHYL) BENZOIC ACID DIHYDROCHLOR

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NATCO PHARMA LIMITED
(32) Priority Date	:NA	Address of Applicant :NATCO HOUSE ROAD, NO.2,
(33) Name of priority country	:NA	BANJARA HILLS, HYDERABAD 500 033 Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KOMPELLA AMALA KISHAN
(61) Patent of Addition to Application Number	:NA	2)ADIBHATLA KALI SATYA BHUJANGA RAO
Filing Date	:NA	3)BALINA VEERA SWAMY
(62) Divisional to Application Number	:NA	4)NANNAPANENI VENKAIAH CHOWDARY
Filing Date	:NA	
(57) Abstract :		
NA		

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2404/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :20/08/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : ELECTRONIC SYSTEM INCORPORATED IN TWO-WHEELERS FOR ENSURING SAFETY

(51) International classification	:B62J	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ANOOP.S.
(32) Priority Date	:NA	Address of Applicant :THOPPIL HOUSE, S.F.S SEMINARY
(33) Name of priority country	:NA	ROAD, ETTUMANOOR P.O, KOTTAYAM 686 631 Kerala
(86) International Application No	:NA	India
Filing Date	:NA	2)BIGI VARGHESE PHILIP
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)ANOOP. S.
Filing Date	:NA	2)BIGI VARGHESE PHILIP
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus for ensuring complete safety of two-wheelers, can be implemented cost effectively and easily in motorbikes with little modifications in the existing infrastructure. The increasing rate of road accidents, especially involving two-wheelers highlights the need of an efficient technology to ensure safety of two-wheelers. The apparatus consists of an electronic circuitry to check whether the specified safety conditions are met. If the conditions are not met the two-wheeler is rendered inoperative by controlling its engine. Several features to improve the overall efficiency ore incorporated in the system. The system is also secure and any act aimed at deactivating it will lead to rendering the vehicle inoperative.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.242/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : SYNTHESIS OF TTX INTERMEDIATES

(51) International classification :C07D261/20

(31) Priority Document No :P200901409

(32) Priority Date :12/06/2009

(33) Name of priority country :Spain

(86) International Application No :PCT/ES2010/070393

Filing Date :11/06/2010

(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)CONSEJO SUPERIOR DE INVESTIGACIONES
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Spain

(72)Name of Inventor :

1)NOHEDA MARÍA N Pedro

2)LOZANO GORDILLO Luis Miguel

3)TABARES CANTERO Nuria

4)BENITO ARENAS Raquel

5)HERRERO RUIZ David

(57) Abstract :

The present invention relates to the synthesis of intermediates which are useful in TTX synthesis and to the preparation thereof.

No. of Pages : 93 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2420/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :15/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : COOLING SYSTEM FOR AUTOMOBILES

(51) International classification	:F01N3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TVS MOTOR COMPANY LIMITED
(32) Priority Date	:NA	Address of Applicant :JAYALAKSHMI ESTATES□ NO.29
(33) Name of priority country	:NA	(OLD NO.8) HADDOWS ROAD, CHENNAI 600 006 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)OM PRAKASH SINGH
(61) Patent of Addition to Application Number	:NA	2)NITIN KUMAR
Filing Date	:NA	3)T. SREENIVASULU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An exhaust muffler comprising an exhaust gas inlet 208, an exhaust gas outlet 209, at least one catalytic converter 207, at least one baffle 204,205 in a housing 203 provided with a suitable metal or baffle plate 210 connected across the said catalytic converter body 207 to the said housing 203.

No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.243/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : DISPLAY DRIVER CIRCUIT AND BOARD MODULE INCLUDING SAME

(51) International classification	:G09F9/00
(31) Priority Document No	:2009-138923
(32) Priority Date	:10/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057998
Filing Date	:12/05/2010
(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)SHARP KABUSHIKI KAISHA
Address of Applicant :22-22 Nagaike-cho Abeno-ku Osaka-shi Osaka 545-8522 Japan
(72)**Name of Inventor :**
1)IMAI Masahiro
2)NAKANE Noriyuki

(57) Abstract :

In the case where input terminals of a display driver circuit are compatible with two or more types of interface specifications an LSI chip (140) which is the display driver circuit has some input terminals (24 of its input terminals) connected to parallel data lines (173a) and its output terminals connected to display lines (123) and these input terminals and output terminals are arranged along a long side located on the display portion (130) side. The rest of the input terminals which are intended for parallel interface are arranged along a long side located on the FPC board (150) side. With this configuration the long sides of the LSI chip (140) can be rendered shorter (than in the case where all input terminals are arranged in a row) without causing malfunction.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2430/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :23/08/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : ADVANCED POP-UP DOUBLE-DECKER MOTOR HOME

(51) International classification	:E04G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MALLIKARJUNA MACHNOOR
(32) Priority Date	:NA	Address of Applicant :NO: 12-11-12, OPP: S.N.T.
(33) Name of priority country	:NA	THEATRE, SATH KUTCHERY ROAD, RAICHUR - 584 101
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MALLIKARJUNA MACHNOOR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Accommodating a foldable first floor that can be lifted to a height of 6 to 7 feet and folded back to its original position. Lifting jacks could be Hydraulic/Pneumatic or similar means, either power operated or manual. Side folding walls with windows folding inside and landing on the roof of the caravan with hinges provided at the top, middle and bottom with the front and rear folding walls made of a single or more pieces. Sewage tank is fixed below the toilet at rear side, which has a pipe fitted with an outlet valve and the pipe can be rotated 180 degrees, using a chord. The pipe could be pushed back to original position below the ground floor body. C or L angle is provided at the roof of the caravan, which pops up as and when the first floor pops up.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2416/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :15/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR REMOTE MANAGEMENT OF STREET LIGHT UNITS THROUGH A COMMUNICATION NETWORK

(51) International classification	:F21S8/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)I-ONE TECHLABS PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :209, MYHOME TYCOON,
(33) Name of priority country	:NA	BEGUMPET, HYDERABAD - 500 016 Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)JALAGAM THIRUPATHI RAO
(87) International Publication No	: NA	2)AMBADIPUDI NAGARAJA SRINIVASA NARASIMHA
(61) Patent of Addition to Application Number	:NA	MURTHY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and a method for remotely monitoring and operating a plurality of street light units through a hybrid communication network are disclosed. A system for remotely monitoring and operating a plurality of street light units through a hybrid communication network includes at least one light monitoring module electrically and electronically coupled to at least one street light unit among the plurality of street light units, a central monitoring station for monitoring and controlling the at least one street light unit through the at least one light monitoring module, a group of digital interface modules serving as an interface between the at least one light monitoring module and the central monitoring station.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2417/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :15/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : AN EFFICACIOUS HEALTHCARE SUPPLEMENT FORMULATION FOR THE PREVENTION, CONTROL AND CLINICAL IMPROVEMENT OF MULTIPLE DISEASED CONDITIONS LIKE, OBESITY, TYPE 2 DIABETIC MELLITUS, HYPERLIPIDEMIA AND ASSOCIATED CIRCULATORY SYSTEM AILMENTS IN HUMAN

(51) International classification	:A61K36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)D. MAYILVAGANAN
(32) Priority Date	:NA	Address of Applicant :NO-20, V.O.C. STREET,
(33) Name of priority country	:NA	MEENAMBAKKAM, CHENNAI - 600 027 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)D. MAYILVAGANAN
(87) 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 deals with a process of making an efficacious Nutraceutical dietary food supplement Formulation for the prevention, control and clinical improvement of multiple diseased conditions like, Obesity, Type 2 diabetic mellitus, hyperlipidemia and associated circulatory system ailments in man. The formulation may be comprising of alpha amylase inhibitors in the form of protein derived from wheat grain or from the sources of white kidney bean extract with a standardized phaseolamin content which has been formulated specially with other active ingredients like calcium form of EDTA and a common salt of NaCl and the final adjusted pH of the product would be in the range of 4-6 in a well known and accepted form of Tris-buffer as the formulation base. The formulation may also contain a suitable form of probiotics in order to minimize or completely eliminate the possible chances of creating gas and gastric related disturbances associated with the use of plant derived alpha amylase inhibitors as a food, dietary supplement for human consumption. Thereby the formulation found to be superior in its composition not available so far for human use, addresses the many problems of presently available alpha amylase inhibitor based formulations like, active ingredient inactivation, decreased efficacy in vivo and inefficient activity against salivary amylases. The present formulation also provides solutions to the additional problems associated with any obese person like of cholesterol and related circulatory system complications related to obesity. Overall a single product would therefore be helpful to the humankind maintaining a healthy body by preventing from multiple complications of obesity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2433/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :23/08/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : A SINGLE COMPONENT METHOD AND A DEVICE FOR PATHOGENS AND HEAVY METALS FREE WATER

(51) International classification	:C22C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY
(32) Priority Date	:NA	Address of Applicant :IIT P.O, CHENNAI 600 036 Tamil
(33) Name of priority country	:NA	Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)THALAPPIL PRADEEP
(87) International Publication No	: NA	2)CHAUDHARY AMRITA
(61) Patent of Addition to Application Number	:NA	3)THANIKACHALAM SARALADEVI
Filing Date	:NA	4)MOHAN UDHAYA SANKAR
(62) Divisional to Application Number	:NA	5)MUNDAMPRA MALIYEKKAL SHIHABUDHEEN
Filing Date	:NA	6)ANSHUP

(57) Abstract :

The present invention relates to eco-friendly synthesis of a novel nanomaterial composition having significant utility in water purification. The nanomaterial composition is a composite metal oxide based on manganese and zinc, either used alone or used by loading on material of natural origin. The preparation methodology is facile and is done at temperature less than 70 °C. The material is characterized by various techniques such as powder X-ray diffraction (XRD), scanning electron microscopy (SEM) and high-resolution transmission electron microscopy (HRTEM). This composition displayed a flower-like structure with a size of about 500 nm and it is constructed of number of nanosheets of thickness less than 15 nm. The nanomaterial loaded on cellulose is studied in detail for its capacity to remove metal ions, bacteria and virus. Similar results are obtained when chitosan, rice husk ash, activated carbon and activated alumina are used as supports. Bacteria and virus removal capacity of the nanomaterial and nanomaterial loaded on matrices were investigated in the powder and granular form, following US NSF drinking purifier standards. A study was also carried out to analyze the removal capacity of heavy metals and it is observed that composition can also remove heavy metals like mercury and arsenic from contaminated waters. In essence, a novel nanomaterial composition is reported for the simultaneous removal of various toxic contaminants from water.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2445/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : A MOBILE PHONE CONTROLLED MOTOR STARTER

(51) International classification	:H04M1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MAHESH N. GANI
(32) Priority Date	:NA	Address of Applicant :AT & PO. MALAPUR, MUDHOL TQ.
(33) Name of priority country	:NA	BAGALKOT DIST - 587 313 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MAHESH N. GANI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In one or more embodiment, a mobile phone controlled motor starter includes a mobile unit having a mobile phone with a SIM card number used to receive a call from other mobile number of the a user to start, and stop a motor placed anywhere through a network, and to send a mobile signal to a signal convertor for conversion, and activation of the mobile signal, wherein the signal convertor having plurality of diodes, capacitors, and resistors for conversion of mobile signal. The mobile phone controlled motor starter also includes a charger unit having a mobile charger to charge the mobile phone, and a motor unit having a motor to start pump set through the mobile phone call. Further, the mobile phone controlled motor starter includes a starter unit having multiple electrical wires, and an electro magnet connected in series to a motor for providing required power supply.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2446/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR MODELING A REGION SEGMENTED IMAGE

(51) International classification	:G06F17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INFOSYS LIMITED
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO 44,
(33) Name of priority country	:NA	ELECTRONICS CITY, HOSUR ROAD, BANGALORE - 560
(86) International Application No	:NA	100 Karnataka India
Filing Date	:NA	2)
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SIVARAM VARGHEESE THANGAM
Filing Date	:NA	2)HARIKRISHNA GANDHINAGARA NARAYANA RAI
(62) Divisional to Application Number	:NA	3)PRANAV PRABHAKAR MIRAJKAR
Filing Date	:NA	

(57) Abstract :

A system and method for modeling a region segmented image is described. Aspects of the present invention may include the generation of a computer model that models the region segmented image, the computer model comprising one or more nodes, wherein each node in the one or more nodes represents an arbitrarily shaped region present in the region segmented image, and each of the arbitrarily shaped regions comprises an image segment wherein the image segment is an indivisible partition in the region segmented image. The model may additionally comprise one or more logical nodes, wherein each logical node represents an image region formed by the union of two or more arbitrarily shaped image regions in the region segmented image that exhibit at least one type of spatial relationship and a hierarchical graph representation of the region segmented image. Types of spatial relationships may include hierarchical, adjacent and cohesive spatial relationships.

No. of Pages : 35 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2447/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHODS FOR PRODUCT MANGEMENT AND DEVICES THEREOF

(51) International classification	:G06Q10/00	(71) Name of Applicant : 1)INFOSYS LIMITED Address of Applicant :IP CELL, PLOT NO 44, ELECTRONICS CITY, HOSUR ROAD, BANGALORE - 560 100 Karnataka India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72) Name of Inventor : 1)BILLY JONATHAN BYATT
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods, devices, and computer-readable storage media for managing a product include receiving event data related to one or more events associated with a lifecycle of a portfolio of one or more products. The received event data is compared with a resource model. An estimated number of resources required to implement the one or more events is determined based at least in part on the comparing. Based at least in part on the received data, a dashboard including one or more analytic modules is displayed. At least one of the analytic modules includes a roadmap across the portfolio of one or more products. The roadmap includes a timeline of the one or more events and the determined estimated number of resources required to implement each of the one or more events.

No. of Pages : 30 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2449/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHODS FOR GENERATING MULTIPLE RESPONSES TO A SINGLE REQUEST MESSAGE AND DEVICES THEREOF

(51) International classification

:H04L29/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)INFOSYS LIMITED

Address of Applicant :IP CELL, PLOT NO 44,
ELECTRONICS CITY, HOSUR ROAD, BANGALORE, 560 100
Kerala India

(72)Name of Inventor :

1)RENJI KURUVILLA THOMAS

2)VIKRANT RAGHU

3)ANANTH PRASAD KONAGOLLI SURESH

4)SEEMA CHINMAY ALBAL

(57) Abstract :

A method, non-transitory computer readable medium, and apparatus that obtains at a first computing apparatus content responsive to a single request message received from a second computing apparatus. Two or more response messages to the single request message are generated with the first computing apparatus. The two or more response messages each comprise a different portion of the content responsive to the single request message. The generated two or more response messages are provided with the first computing apparatus to the second computing apparatus for reconstitution into content responsive to the single content request.

No. of Pages : 23 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2434/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : BIOMASS COMPOSITION FOR SOIL ENRICHMENT AND A METHOD THEREOF

(51) International classification	:C02F3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SNEHA BIOTECH
(32) Priority Date	:NA	Address of Applicant :R.S NO 355, SURAMPALLI,
(33) Name of priority country	:NA	GANNAVARAM (MD), KRISHNA DIST - 521 212 Andhra
(86) International Application No	:NA	Pradesh India
Filing Date	:NA	2)K.L. UNIVERSITY
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)KSHATRI JYOTHI
Filing Date	:NA	2)DR. SETTALURI VIJAYA SARADHI
(62) Divisional to Application Number	:NA	3)DR. BONDILI JAYAKUMAR SINGH
Filing Date	:NA	

(57) Abstract :

The invention is directed towards a biomass composition to modulate soil carbon to nitrogen ratio and a method for preparation of the biomass composition, wherein the biomass composition includes pulverized biomass derived from fibrous wastes of a palm plant variety to act as a carrier material and pure cultures of a multiple polysaccharide metabolizing microorganisms forming microbial consortium. The biomass composition is obtained by inoculating the carrier material with the microbial consortium. Other embodiments of the invention are also directed to a method of safe disposal of palm fibrous wastes and converting them in to value-added products that serve as soil nutrient compositions. As well, a method of modulating soil carbon to nitrogen ratio using the biomass composition and a method of evaluating the efficacy of biodegradation of fibrous waste material derived from a plant variety by a microbial consortium are disclosed.

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :24/10/2010

(21) Application No.2437/CHE/2010 A

(43) Publication Date : 22/03/2013

(54) Title of the invention : NOVEL PROCESS FOR PREPARING DEXIBUPROFEN READY TO COMPRESS GRANULES

(51) International classification	:A61K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHASUN PHARMACEUTICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :SHASUN HOUSE, 3 DORAISWAMY
(33) Name of priority country	:NA	ROAD, T.NAGAR, CHENNAI-600017 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VIVEKANANDAN SUNDARAMOORTHY
(87) International Publication No	: NA	2)P. ANANDSENTHILVEL
(61) Patent of Addition to Application Number	:NA	3)SAMPATH KUMAR. D
Filing Date	:NA	4)JEFFREY STUART BERGMAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A novel process of preparing a dexibuprofen pharmaceutical formulation in the form of granules, which can be directly compressed into tablets. The process consists of two steps: (i) preparation of base granule, and (ii) blending of base granules with compression aid to get ready to compress granules, wherein the process of preparing base granules involves use of fluid bed granulator with top spray method. The granules prepared by using fluid bed granulation process showed improved compressibility and flowability compared to granules prepared by conventional granulation process using rapid mixer granulator. Also the granules prepared using fluid bed granulation process showed no signs of sticking when compressed on high speed commercial scale tablet compression machine.

No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2437/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : AUTOMATIC FOCUSING OF BLOOD SAMPLES UNDER LIGHT MICROSCOPE

(51) International classification	:G02B21/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)R. INDRARAJ
(32) Priority Date	:NA	Address of Applicant :NO.40, RESERVE BANK COLONY,
(33) Name of priority country	:NA	CHROMPET, CHENNAI - 44 Tamil Nadu India
(86) International Application No	:NA	2)J.B. JEEVA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)R. INDRARAJ
(61) Patent of Addition to Application Number	:NA	2)J.B. JEEVA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for auto-focusing of slides with blood samples is described here. The image obtained by a CCD camera (13) is fed to a PC. It is analysed by a Matlab program to check if it is in focus or not. If it is not in focus, then a data acquisition device (9) is used to send out a pulse to a stepper motor driver circuit (7). On receiving a pulse, the stepper motor driver circuit runs a stepper motor (4) by two steps. The stepper motor is attached with a 50 teeth gear. A similar 50 teeth gear is attached to the focus knob of the microscope. Both the gears are coupled with one another, so that every time the stepper motor moves, the focus knob also rotates. The CCD camera captures the image again. The process continues till the image of the microscopic glass slide is in focus.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.245/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : PROTECTION LOCKOUT IN SUBSTATION AUTOMATION

(51) International classification :H02H 3/00

(31) Priority Document No :09162631.7

(32) Priority Date :12/06/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/057152

Filing Date :25/05/2010

(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)ABB TECHNOLOGY AG

Address of Applicant :Affolternstrasse 44 CH-8050 ZÃ¼rich
Switzerland

(72)Name of Inventor :

1)WIMMER Wolfgang

(57) Abstract :

The present invention is concerned with simplified engineering of protection lockout functionality in a Substation Automation (SA) system. Wiring complexity as well as supervision related engineering is replaced by including some protection-zone related intelligence into a lockout function block at a breaker IED. The main configuration effort then consists in assigning lockout function instances to respective protection zones and in specifying for each protection function which protection-zone(s) it shall trip and reset after lockout. Hence for switch yard configurations and power networks where a protection function trips multiple breakers by using several bay control or protection devices a more efficient implementation of lockout functionality is possible.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2380/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : M2 - MINDED MACHINES

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HIMANSHU TIWARI
(32) Priority Date	:NA	Address of Applicant :#27, GANDHI GRAM, HARIJINDER
(33) Name of priority country	:NA	NAGAR POST OFFICE, RAMADEVI, KANPUR - 208 007
(86) International Application No	:NA	Uttar Pradesh India
Filing Date	:NA	2)KALAIYARASAN VENKATESAN
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)HIMANSHU TIWARI
Filing Date	:NA	2)KALAIYARASAN VENKATESAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In this world of machines the biggest achievement we have is comfort, but the major drawbacks are, the risks involved in the operation & failure of these machines which can adversely affect life & property resulting into casualties. The wastage of energy is another drawback. In this project later risks are dealt with. The concept of Flexible Device Automation & Inter Device Interaction Ability, deals with eradication of risks involved in Life & Property. This project is all about making machines intelligent enough to take care of themselves as well as its subordinate machines & its owner, by regular interaction amongst themselves (machines) & the owner. Each machine knows its subordinates and its owner & the system is so flexible that you need not to change it even if you keep on increasing the number of machines or devices. This technology can be used vastly such as home appliances automation, Industrial automation etc. Our focus, in this project, is a FLEXIBLE DEVICE AUTOMATION & INTER DEVICE INTERACTION ABILITY SYSTEM.

No. of Pages : 22 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2397/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :19/08/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : I/O VIRTUALIZATION AND SWITCHING 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 :

1)INEDA SYSTEMS PVT. LTD

Address of Applicant :8-2-120/115/C, SUDHA ENCLAVE,
ROAD NO.2, BANJARA HILLS, HYDERABAD 500 034
Andhra Pradesh India

(72)Name of Inventor :

1)BALAJI KANIGICHERLA

2)SIVA RAGHU RAM VOLETI

3)KRISHNA MOHAN TANDABOINA

(57) Abstract :

Described herein is a system (102) having a virtualization and switching system configured to virtualize I/O devices (108) and perform switching of the I/O devices (108) and I/O requests. The virtualization and switching system (102) includes a peripheral virtualization controller (PVC) (204), at least one device control module (206) connected to the PVC (204), and at least one command parser (210). The PVC (204) is configured to manage I/O visualization and I/O command access of different I/O devices (108). The device control module (206) is configured to store configuration and I/O device registers, implemented by the PVC (204) to enable virtualization of I/O devices (108). The device control module (206) also implements the I/O command and switching logic to perform graceful handling of the I/O commands and virtualized I/O devices between multiple host processors (104).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2443/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :18/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : PATCH PACKAGE

(51) International classification	:B65D75/00
(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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2)YAMAMOTO, KEIJI
3)KONNO, MASAKATSU
4)YAEGASHI, HIROYUKI
5)IZAKI, TOSHIHARU
6)SAKURABA, RYOHEI

(57) Abstract :

The present invention relates to a patch package having a patch and a packaging film sandwiching the patch, wherein the packaging film is tightly sealed in two or more flat heat-sealed parts, and respective adjacent two or more flat heat-sealed parts are separated across a non-sealed part.

No. of Pages : 42 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2457/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :25/08/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF 2-(2-HYDROXYPHENYL) - BENZ[1,3] OXAZIN-4- ONE AND ITS USE FOR PREPARATION OF 4-[3, 5-BIS(2-HYDROXYPHENYL)-1H-1,2,4-TRIAZOL-1-YL]BENZOIC ACID

(51) International classification	:C07D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR.DAVULURI RAMAMOHAN RAO
(32) Priority Date	:NA	Address of Applicant :NEULAND LABORATORIES
(33) Name of priority country	:NA	LIMITED, 204, II FLOOR, MERIDIAN PLAZA, 6-3-853/1,
(86) International Application No	:NA	AMEERPET, HYDERABAD 500 016. Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PONNIAH RAVI
(61) Patent of Addition to Application Number	:NA	2)BATTHINI GURUSWAMY
Filing Date	:NA	3)V.R.CHANDRA MURTHY MEDIDA
(62) Divisional to Application Number	:NA	4)DUMMU SANTOSH
Filing Date	:NA	

(57) Abstract :

The invention provides a novel process for the synthesis of 2-(2-hydroxyphenyl)-benz[1,3]oxazin-4-one, the process comprising of reacting the salicylic acid with salicylamide in the presence of p-toluenesulfonyl chloride, base and solvent. The use of 2-(2-hydroxyphenyl)-benz[1,3]oxazin-4-one in the preparation of Deferasirox is also disclosed in the invention.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2459/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :25/08/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : IMPROVED PROCESS FOR THE PREPARATION OF SUGAMMADEX

(51) International classification	:C08B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR.DAVULURI RAMAMOHAN RAO
(32) Priority Date	:NA	Address of Applicant :NEULAND LABORATORIES
(33) Name of priority country	:NA	LIMITED, 204,II FLOOR, MERIDIAN PLAZA, 6-3-853/1,
(86) International Application No	:NA	AMEERPET, HYDERABAD-500 016. Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PONNAIAH RAVI
(61) Patent of Addition to Application Number	:NA	2)SRIBHASHYAM RAVI KANTH
Filing Date	:NA	3)MECHERIL VALSAN NANDKUMAR
(62) Divisional to Application Number	:NA	4)CH. L.N.V. PRASAD
Filing Date	:NA	5)DONGARI NARESH

(57) Abstract :

A novel process for the preparation of 6-perdeoxy-6-per-halo Gamma cyclodextrin which is a useful intermediate in the synthesis of Suggamadex is disclosed in the invention. The process involves by reacting Gamma cyclodextrin with phosphorous halide in presence of organic solvent.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.244/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : INSECTICIDAL SHEET-LIKE STRUCTURE FOR PROTECTING HUMANS AND DOMESTIC ANIMALS

(51) International classification	:A01N 53/08
(31) Priority Document No	:09165019.2
(32) Priority Date	:09/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/059557
Filing Date	:05/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BASF SE

Address of Applicant :67056 Ludwigshafen Germany

(72)Name of Inventor :

1)LEININGER Hartmut

2)STUTZ Susanne

3)KARL Ulrich

(57) Abstract :

A sheet-like structure in particular a net finished with an insecticidal mixture comprising a) chlorfenapyr and b) one or more pyrethroids from the group consisting of alpha-cypermethrin (b1) deltamethrin (b2) permethrin (b3) and lambda cyhalothrin (b4) in an amount of (in each case relative to the sheet-like structure) a) 50 to 150 mg/m² chlorfenapyr; b1) 50 to 150 mg/m² alpha-cypermethrin; b2) 15 to 45 mg/M² deltamethrin; b3) 50 to 750 mg/m² permethrin; b4) 5 to 30 mg/m² lambda-cyhalothrin is suitable for controlling harmful insects in buildings and for protecting humans and 20 domestic animas from such harmful insects and from vector-transmitted diseases which are transmitted by the harmful insects.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.248/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD OF PERFORMING LINK ADAPTATION PROCEDURE

(51) International classification :H04B7/26
(31) Priority Document No :61/219,386
(32) Priority Date :23/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2009/006776
Filing Date :18/11/2009
(87) International Publication No :WO 2010/150950 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)LG ELECTRONICS INC.
Address of Applicant :20 YEOUIDO-DONG,
YEONGDEUNGPO-GU, SEOUL 150-721 Republic of Korea
(72)**Name of Inventor :**
1)SEOK, YONG HO

(57) Abstract :

A method of performing a link adaptation procedure for multi-user transmission in a wireless local area network (WLAN) system is provided. The method includes receiving a modulation and coding scheme (MCS) feedback request transmitted by an access point (AP) to a plurality of stations, estimating an MCS by considering a spatial stream corresponding to the MCS feedback request transmitted to the other stations, and transmitting an MCS feedback response comprising the estimated MCS to the AP. The link adaptation procedure can be performed by considering a wireless communication environment on a real time basis.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/08/2010

(21) Application No.2495/CHE/2010 A

(43) Publication Date : 22/03/2013

(54) Title of the invention : SRI AKSHAYA V RESONANCE GENERATOR

(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SRI. M. VIJAYAN
(32) Priority Date	:NA	Address of Applicant :OLD NO.1/51, NEW NO.1/71,
(33) Name of priority country	:NA	MANJALNEERKAYAL, PAZHAYAKAYAL (POST)
(86) International Application No	:NA	TUTICORIN (DIST), PINCODE - 628 152 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SRI. M. VIJAYAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

We convert energy into mass of material here. Einstein invented to convert mass into energy. Here we convert the energy into mass of material. The relation here is $M = E/(cc)$ In this SRI Akshaya V Resonance generator we focus all waveforms of energy into one line to create matter .Wave forms like sound energy which is purely mechanical energy, and light energy which is purely electro magnetic in nature and magnetic flux by magnetostatic force all are made to react with the electro static energy of charged particle or stored energy inside a capacitor. All wave forms of energy are added to yield matter Milk like medium is selected not only for its cooling effect to the conductor but also for its greater values. An resonance circuit is made with RLC parameters with required frequency Tuning is made with audio waves. Energy of audio wave is converted into material along with all other energy wave functions. We normally can generate material from audio speaker with little lighting and RLC circuit arrangement. This circuit can produce material from higher energy sound from construction area or heavy traffic area. We can also generate material by this generater from higher energy dissipation of sparking light during are welding. An air compressor can also be tuned to yield any type of material or any colour of paint Using this Akshaya V Resonance generator. Using this SRI Akshaya V Resonance generator We can regenerate power and produce material from our home television with proper arrangement. Special arrangement should be made to avoid breakage of picture tube. It is easier to do in the case of LCD Television. We can also generate material from telephonic receiver using this circuit. WE CAN GENERATE A NEW PLANET IN THE SOLAR SYSTEM INTHE SPACE USING SRI AKSHAYA V RESONANCE GENERATOR. WE CAN TAKE POWER AND LIGHT FROM THE SUN AND AUDIO WAVES CAN BE GENERATED WITHIN A MEDIUM OF LIQUID LIKE MILK PRESERVED FOR THE CONDITION EVEN THOUGH AIR IS NOT THERE. AFTER MAKING ENOUGH RESOURCE AND MINERAL BY ELECTRIC DISCHARGE WE CAN CREATE ATMOSPHERE THERE

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2450/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHODS FOR TRACKING DATABASE CHANGES AND DEVICES THEREOF

(51) International classification	:G06F17/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)INFOSYS LIMITED
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO 44,
(33) Name of priority country	:NA	ELECTRONICS CITY, HOSUR ROAD, BANGALORE 560 100
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)ANANTH PRASAD KONAGOLLI SURESH
(61) Patent of Addition to Application Number	:NA	2)VIKRANT RAGHU
Filing Date	:NA	3)RENJI KURUVILLA THOMAS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods, devices, and computer-readable storage media for tracking changes in a database including at least one database table include adding a first column to a schema of each database table. The first column includes a row update identifier for each row of the database table. A global update identifier is incremented in response to a row change and recorded as the row update identifier for the changed row. In response to a latest database synchronization event, a reference table including a synchronization update identifier is generated, and the global update identifier is incremented and recorded as the synchronization update identifier. An update to a row in a database table is tracked based at least upon determining that a row update identifier of the updated row in the database table is greater than the synchronization update identifier in the reference table.

No. of Pages : 23 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2451/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR SELECTIVELY CONSOLIDATING APPLICATIONS TO A MACHINE USING RESOURCE UTILIZATION DATA

(51) International classification	:G06Q10/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INFOSYS LIMITED
(32) Priority Date	:NA	Address of Applicant :IP CELL, PLOT NO.44,
(33) Name of priority country	:NA	ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SUMIT KUMAR BOSE
(61) Patent of Addition to Application Number	:NA	2)RASHI MALVIYA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system and method of selectively consolidating applications on a machine comprises retrieving resource utilization data for a plurality of applications over a plurality of cycles for designated resource dimensions. A representative utilization profile is calculated on each application for each resource dimension. Load mean and variance values of the applications are calculated for each resource dimension. Each application is assigned to a class based the mean and variance values. A consolidation algorithm is computed on each application for each resource dimension to determine if resource consumption of the consolidated applications potentially exceed an available capacity in a machine.

No. of Pages : 46 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2471/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :26/08/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : PROCESS FOR MANUFACTURING ASPHALT

(51) International classification	:C08L95/00
(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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MAATSCHAPPIJ B.V.
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(72)**Name of Inventor :**
1)GHOSAL, ANINDYA KUMAR
2)RAJA SALIM, RAJA AHMAD SANI ISKANDAR
3)TEH, JASON BOON EONG
4)WAGLE, GOVIND

(57) Abstract :

A process for manufacturing asphalt, the process comprising the steps of: (i) heating bitumen; (ii) heating aggregate; (iii) mixing the hot bitumen with the hot aggregate in a mixing unit to form asphalt; wherein from 10 to 200 wt% of sulphur, based upon the weight of the bitumen, is added in at least one of the steps (i), (ii) or (iii), and wherein from 0.1 to 20 wt% of a microcrystalline wax, is added in at least one of the steps (i), (ii) or (iii).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.25/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : PORPHYRAZINE COLORING MATTER INK COMPOSITION RECORDING METHOD AND COLORED OBJECT□

(51) International classification :C09B 47/26
(31) Priority Document No :2009-141201
(32) Priority Date :12/06/2009
(33) Name□of priority country :Japan
(86□ International Application No :PCT/JP2010/059664
Filing Date :08/06/2010
(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)NIPPON KAYAKU KABUSHIKI KAISHA
Address of Applicant :11-2 Fujimi 1-chome Chiyoda-ku
Tokyo 102-8172 Japan
(72)Name of Inventor :
1)OOSHIMA Kenji
2)YONEDA Takashi
3)KURODA Yasuo
4)KAWAGUCHI Akira

(57) Abstract :

Provided is a porphyrazine dye suitable for use in ink-jet recording, the porphyrazine dye giving a cyan ink with a satisfactory hue, having various excellent fastness properties, in particular, ozone resistance, and attaining a high color density. Also provided is an ink composition containing the dye. The porphyrazine dye is a porphyrazine dye represented by formula (1) or a salt thereof. In formula (1), rings A to D each independently represents a benzene ring, a nitrogenous heteroaromatic ring, etc.; E represents an alkylene; X represents sulfoanilino, etc.; R represents a hydrogen atom, sulfo, carboxy, etc.; group F represents phenyl, a nitrogenous heteroaromatic ring, etc.; a is an integer of 1-6; b is 0.00-3.90, excluding 3.90, on average; c is 0.10-4.00, excluding 4.00, on average; and the sum of b and c is 1.00-4.00, excluding 4.00, on average.

No. of Pages : 144 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2496/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :27/08/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : PROCESS FOR PRODUCING AN AMINO ACID

(51) International classification	:C12P	(71) Name of Applicant :
(31) Priority Document No	:NA	1)GITAM UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :RUSHIKONDA,
(33) Name of priority country	:NA	VISAKHASPATNAM, 530 045 Andhra Pradesh India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)DHURJETI SARVAMANGALA
(87) International Publication No	: NA	2)K ARUNA LAKSHMI
(61) Patent of Addition to Application Number	:NA	3)SK KHASIM BEEBI
Filing Date	:NA	4)RATHAINDRANATH SINHA
(62) Divisional to Application Number	:NA	5)BINNY MANOHAR
Filing Date	:NA	

(57) Abstract :

A process for enhanced production of glutamic acid from the fruits of Mimosa pudica is provided. The fruits are crushed to prepare fruit slurry. Bacterial culture, nitrogen source and mineral salts are added and incubated to form a broth. This is followed by rupturing of the bacterial cell and fermentation. The glutamic acid is isolated from the broth.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2510/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :30/08/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : THE COMPRESSION COATED TABLET COMPOSITION FOR CHRONOTHERAPY OF HYPERTENSION

(51) International classification	:A61K 9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MANIPAL UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :MANIPAL, KARNATAKA-576 104
(33) Name of priority country	:NA	Karnataka India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)USHA YOGENDRA NAYAK
(87) International Publication No	: NA	2)NAYANABHIRAMA UDUPA
(61) Patent of Addition to Application Number	:NA	3)PURSHOTTAM DAS GUPTA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to the compression coated tablet composition for chronotherapy of hypertension comprising of active agent and inactive ingredients surrounded by polymer layer containing hydrophilic/hydrophobic polymers and wicking agent.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2512/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : A COMPOSITION FOR TREATING SWINE-FLU AND A PROCESS FOR FORMULATING THE SAME

(51) International classification

: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 :

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(72)Name of Inventor :

1)JEYAPRAKASH MARI RAJU

2)MADHURI KADIYALA

3)MEYYANATHAN SUBRAMANIA NAINAR

4)ELANGO KANNAN

5)SURESH BHOJRAJ

(57) Abstract :

Oseltamivir phosphate sustained release oral solid matrix tablet formulation is disclosed by using natural polymer, xanthan gum which allows slow release of the incorporated therapeutic agent from the tablet formulation by the use of direct compression method and thereby which helps to increase patient compliance and make the dosage form cost effective.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2524/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : PISTON ENGINES HAVING FIRING ANGLES (OR POWER ANGLES) 45 DEGREES TO 180 DEGREES

(51) International classification

:F02B

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)DR. M. BALAKRISHNAN

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PATTATHANAM, KOLLAM - 691 021 Kerala India

(72)Name of Inventor :

1)DR. M. BALAKRISHNAN

(57) Abstract :

A novel mechanical structure in any internal combustion engine which runs with ordinary fuel like petrol, diesel oil etc, is developed to reduce the fuel consumption of the engines and enhance the efficiency of the piston engine by improving the piston rod and crankshaft arrangement of the engines. This arrangement can start working at larger torque based angle, at the same time retain the fully compressed piston position. The innovation of this invention is that, along with improved fuel efficiency, the initial torque of the internal combustion engine works at the crank shaft angle between 45 and 180 degree. It has advantageous functions over conventional system that it improves the fuel efficiency; it reduces the overall weight of the engine, coolant and radiator problems due to wasteful heat generation and controls pollution.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.254/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : SEMICONDUCTOR DEVICE

(51) International classification	:H01L29/786
(31) Priority Document No	:2009-138470
(32) Priority Date	:09/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059246
Filing Date	:01/06/2010
(87) International Publication No	:WO 2010/143557
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SHARP KABUSHIKI KAISHA

Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU, OSAKA-SHI, OSAKA 545-8522 Japan

(72)Name of Inventor :

1)MORIWAKI, HIROYUKI

(57) Abstract :

A semiconductor device includes a thin-film diode (1) and a protection circuit with a protection diode (20) . The thin-film diode (1) includes: a semiconductor layer with first, second and channel regions; a gate electrode; a first electrode (S1) connected to the first region and the gate electrode; and a second electrode (D1) connected to the second region. The conductivity type of the thin-film diode (1) may be N-type and the anode electrode of the protection diode (20) may be connected to a line (3) that is connected to either the gate electrode or the first electrode of the thin-film diode (1). Or the conductivity type of the thin-film diode may be P-type and the cathode electrode of the protection diode may be connected to the line that is connected to either the gate electrode or the first electrode of the thin-film diode. The protection circuit includes no other diodes that are connected to the line (3) so as to have a current flowing direction opposite to the protection diode's (20). As a result, deterioration of a thin-film diode due to ESD can be reduced with an increase in circuit size minimized.

No. of Pages : 99 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2477/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :27/08/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : AUTOMOBILE VEHICLE SPOILER

(51) International classification	:B60H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PALANICHAMY KANAPPAN
(32) Priority Date	:NA	Address of Applicant :F-4 ASHOK MANOR, NO.5,2ND
(33) Name of priority country	:NA	MAIN ROAD LAKSHMIPURAM EXTENSION, WEST
(86) International Application No	:NA	TAMBARAM, CHENNAI-600 045 Tamil Nadu India
Filing Date	:NA	2)SIVASUNDARAN PALANICHAMY
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)PALANICHAMY KANAPPAN
Filing Date	:NA	2)SIVASUNDARAN PALANICHAMY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A spoiler, for an automobile comprising, a planer plate (3) installed on rooftop of said automobile, means for installing said plate on said rooftop, an inlet means (2) for harvesting front wind (7) from front portion of said automobile during its motion, and an outlet means (4) for releasing wind (7) so harvested along the rear side of said automobile for substantially nullifying any vacuum at rear end (8) of said automobile.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2490/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :21/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : AN APPARATUS AND METHOD FOR MEASURING VERTICAL ANGULAR DEVIATION

(51) International classification	:E02F3/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ZEN TECHNOLOGIES LIMITED
(32) Priority Date	:NA	Address of Applicant :B-42 INDUSTRIAL ESTATE,
(33) Name of priority country	:NA	SANATHNAGAR, HYDERABAD 500 018 Andhra Pradesh
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)KISHORE DUTT ATLURI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electromechanical apparatus and method adapted for measuring vertical angular deviation of an object with respect to a reference horizontal line are disclosed. The electromechanical apparatus includes a bracket removably mountable at a predetermined location of the object, a shaft having a first end and a second end, a rotatable encoder removably mountable on the bracket and with an end operatively associated with the first end of the shaft, a gravity responsive pendulum assembly comprising a pendulous mass secured to an end of a mechanical member detachably secured with the second end of the shaft.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2505/CHENP/2010 A

(19) INDIA

(22) Date of filing of Application :28/04/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : COMPOSITIONS FOR TREATING PARKINSON'S DISEASE

(51) International classification	:A61K9/16, A61K31/485, A61K9/14	(71)Name of Applicant : 1)VECTURA LIMITED Address of Applicant :1PROSPECT WEST, CHIPPENHAM, WILTSHIRE SN14 6FH U.K.
(31) Priority Document No	:0721394.5	(72)Name of Inventor :
(32) Priority Date	:31/10/2007	1)GANDERTON, DAVID
(33) Name of priority country	:U.K.	2)MAIN, MARK, JONATHAN
(86) International Application No	:PCT/GB2008/003698	3)MORGAN, FRAZER, GILES
Filing Date	:31/10/2008	
(87) International Publication No	:WO 2009/056851 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to improved treatment of diseases and disorders of the central nervous system by administration of apomorphine. In particular, the administration is via pulmonary inhalation. The invention provides the means for improving the treatment of a number of conditions, including Parkinsons Disease.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2507/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :30/08/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : SYNCHRONOUS CURRENT INJECTION CONTROLLED PARALLEL RESONANT POWER INVERTER

(51) International classification

:H02M

(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)KADAMBI SARANGAPANI RAMANUJAN

Address of Applicant :ENCOMPASS ELECTRONICS PVT.
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JAYANAGAR, BANGALORE - 560 011. Karnataka India

(72)Name of Inventor :

1)KADAMBI SARANGAPANI RAMANUJAN

(57) Abstract :

The present invention relates to a resonant power inverter in current source configuration, which innovatively employs Synchronous Current Injection block, which is placed between the power source and the inverter. The Synchronous Current Injection block uses an IGBT that operates at double the frequency of the resonant inverter frequency, injecting variable-width current pulses at constant voltage into the inverter. The present invention makes it possible for an IGBT based inverter to be connected a conventional three-phase power source and operate the system with a power factor equal to 1.0 at all loads.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2542/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :25/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : ACTUATION CONCEPT FOR PORT CONTROLLED DIESEL HIGH PRESSURE PUMPS

(51) International classification

:F02M

(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)BOSCH LIMITED

Address of Applicant :POST BOX NO 3000, HOSUR ROAD,
ADUGODI, BANGALORE - 560 030 Karnataka India

2)ROBERT BOSCH GMBH

(72)Name of Inventor :

1)BJOERN NOACK

(57) Abstract :

The invention proposes a high pressure fuel pump (100) for delivering fuel under high pressure for an internal combustion engine. The high pressure fuel pump comprising a piston (103), the piston (103) reciprocating in a cylinder bore (104), a pump chamber (110) to pressurize the fuel, an inlet (106) to receive fuel from a fuel reservoir, an outlet (108) to deliver fuel under high pressure. A spill port (112) returns the excess fuel to the reservoir. A spill passage and a helical groove in the piston are aligned during the stroke of the piston to control the amount of fuel being pressurized. The alignment of the spill passage and the helical groove is done by rotating the piston. The rotation of the piston is controlled by an ECU using a motor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2513/CHE/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : GLOBAL WARMING REDUCTION BY PROVIDING SLEEVE FOR SLEEVELESS WIRES/CABLES

(51) International classification	:G01N25/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)B. DEVARAJ
(32) Priority Date	:NA	Address of Applicant :1/8, 11TH CROSS ST,
(33) Name of priority country	:NA	VENKATESWARA NAGAR, RAMAPURAM, CHENNAI - 89
(86) International Application No	:NA	Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)B. DEVARAJ
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The Global Warming is rising out to be hot news the fact itself is due to many heating process and its effects. Feeling the heat, the whole world is coming together in finding a ways to reduce global warming. In contribution from my side carried out an experiment which has yielded good result of reduction in water evaporation rate by providing plastic sleeve to live sleeveless wires /cables
Experiment Procedure: > Two Plastic Containers were taken with 1500 ml of water each. > Live wire without sleeve is kept on container A and another Live wire with Plastic sleeve is kept on container B > Setup is left undisturbed for 2 Days. Observation: > Water in Container A is reduced by 33 %(550 ml) in two days. > Water in Container B remains almost in same quantity even after two days Results: The rate of evaporation of water due to this sleeveless wire/cable heating up is more which is one of the reasons for Global Warming. S Henceforth all sleeveless Wires/ Cables to be provided with Plastic Sleeves to reduce the Global warming level.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2534/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :31/08/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : A SUBSTANTIALLY PURE BICALUTAMIDE AND A NOVEL METHOD FOR THE ANALYSIS OF 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)KEKULE PHARMA LTD

Address of Applicant :A-4, MADHURA NAGAR,
HYDERABAD- 500 038. Andhra Pradesh India

(72)Name of Inventor :

1)J.V.R.K.V.SUBBARAJU

2)K.RAJA RAO

3)R.MURALIDHAR

(57) Abstract :

The present invention relates to the bicalutamide active ingredient substantially free of the impurities 4-Cyano-N-methacryloyl-3-trifluoromethylaniline (BIC-0) and 4-cyano-3-(trifluoromethyl) benzamido-2-methyl-1,2-epoxide (BIC-1). The invention also relates to a novel analytical method for estimation of impurities in bicalutamide active ingredient.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2537/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :31/08/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : RE-EXCHANGE ENERGY-SAVING BUILDING SYSTEM

(51) International classification	:F24F	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ZHEJIANG JIEER SAVING-COAL CO., LTD.
(32) Priority Date	:NA	Address of Applicant :ROOM 611, A BUILDING WEST,
(33) Name of priority country	:NA	ZHEJIANG UNIVERSITY SCIENCE AND TECHNOLOGY
(86) International Application No	:NA	PARK, XIHU DISTRICT, HANGZHOU CITY, ZHEJIANG
Filing Date	:NA	PROVINCE. China
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)FAN PINLIANG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A re-exchange energy-saving building system in which building power supply system allows to supply water from top floor pond to the capillary generator set; the electric energy generated by capillary generator set is supplied to the user load, and the electric energy generated by solar PV is supplied to the water pump to transfer water from the basement pond to the top floor pond; the valley load in the utility power grid is supplied to the water pump to transfer water from the basement pond to the top floor pond. A parallel connection of solar water heaters, the hot water supply system for the building can provide hot water to the building at any time. The air conditioners for the building enable heating and cooling via GSHP. The water-saving system permits a membrane filter tank to filter the bath water and domestic water and then supply to the flush toilet at lower floor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2554/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :01/10/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : A METHOD AND A SYSTEM FOR ENERGY BENCHMARKING FOR GAP ANALYSIS FOR A PLANT IN A PAPER INDUSTRY

(51) International classification	:G05B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ABB RESEARCH LTD
(32) Priority Date	:NA	Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050
(33) Name of priority country	:NA	ZURICH Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NAVEEN BHUTANI
(87) International Publication No	: NA	2)TARUN PRAKASH MATHUR
(61) Patent of Addition to Application Number	:NA	3)CARL-FREDRIK LINDBERG
Filing Date	:NA	4)KEVIN STARR
(62) Divisional to Application Number	:NA	5)ROBERT HORTON
Filing Date	:NA	

(57) Abstract :

The present invention relate to a method for energy benchmarking for gap analysis for a plant in a paper industry. The said plant has at least one equipment. The method comprising the steps of: a) monitoring the performance parameter of the one or more equipments of the said plant and / or of one or more of other plant and / or of the said plant or other plants. The performance parameter is evaluated from from design data or plant model or historical operating data or current operating data ; b) comparing at least one performance parameter against at least one other performance parameter of the at least one equipment of the said one plant or other plant, or of the said one plant or at least one of other plant or a combination thereof; c) selecting one of the performance parameter from the said at least one or other performance parameters that being compared; d) setting the value of the selected performance parameter as a benchmark; and e) controlling the said plant based on the benchmark. The invention also relate to a system for and capable of performing the method in accordance with the method of the invention.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2556/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :02/09/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : LOCATING REMOTE CONTROL DEVICES UTILIZING BASE UNIT POSITIONING

(51) International classification	:G01S19/00, G01S5/00	(71) Name of Applicant : 1)SLING MEDIA PVT LTD. Address of Applicant :PSS PLAZA #6, WIND TUNNEL ROAD, MURUGESH PALYA BANGALORE 560017 Karnataka 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)HARISH NAIR RAJAGOPAL
(87) 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 base may locate a remote control by transmitting a first location signal, receiving a second location signal at base receivers from a remote control device transponder transmitted in response, and calculating a location of the remote control device based on the received second location signal. The base may provide navigation information based on the calculated location. In some implementations, the base may perform a setup routine by providing an interface that accepts position information, accepting an indication that the remote control is located at a position, transmitting a first calibration signal, receiving a second calibration signal at the receivers transmitted by the transponder in response, and recording baselines for the position. When the base unit subsequently analyses a second location signal to calculate a location of the remote control, the base may base the calculated location at least partly on the baselines.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2558/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :03/09/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : A METHOD FOR ENERGY BENCHMARKING AND DIAGNOSIS THROUGH OPTIMIZATION AND A SYSTEM THEREOF

(51) International classification	:G05B13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ABB RESEARCH LTD
(32) Priority Date	:NA	Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050
(33) Name of priority country	:NA	ZURICH Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)TARUN PRAKASH MATHUR
(87) International Publication No	: NA	2)NAVEEN BHUTANI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relate to a method for energy benchmarking for process plant having at least one equipment, and for diagnosing the process plant thereof. The method comprises the steps of: a) adapting a process model for the process plant; b) determining energy consumption of the process plant based on design conditions or current operating conditions or both; c) performing optimization for estimating energy benchmark. Further, the method also include d) calculating indices for gap analysis; and e) diagnosing the gap between the current energy consumption of the process plant and the estimated energy benchmark. The invention also relate to a system for energy benchmarking for process plant having at least one equipment, and for diagnosing the process plant thereof, in accordance with the method of the invention.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2571/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : EASY AND SIMPLE METHOD OF HYDROQUINONE PRODUCTION USING THE ENZYME WHEAT P-NITROPHENOL 4-HYDROXYLASE IMMOBILIZED ON PAPER STRIPS

(51) International classification	:c12q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NAYEEM ULLAH KHAN
(32) Priority Date	:NA	Address of Applicant :#10, 4TH CROSS, OPP. DAYANAND
(33) Name of priority country	:NA	SAGAR COLLEGE, K.S. LAYOUT, BANGALORE - 560 078
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	2)BHAVYA VARMA.C
(87) International Publication No	: NA	3)WILSON. M.R.E
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NAYEEM ULLAH KHAN
(62) Divisional to Application Number	:NA	2)BHAVYA VARMA.C
Filing Date	:NA	3)WILSON. M.R.E

(57) Abstract :

All the known methods of manufacturing hydroquinone are not ecofriendly. The present invention describes an easy and simple method to manufacture hydroquinone using p- nitrophenol. The method uses immobilized enzyme p-nitrophenol 4- hydroxylase to denitrify p- nitrophenol to hydroquinone. This is the first report of a complex cofactor requiring enzyme that has been immobilized on paper and still active without any cofactor. The specific activity of the free enzyme and immobilized enzyme is same. The paper immobilized paper can be reused making the manufacture of hydroquinone cost effective, yet environment friendly. Key words: P- nitrophenol, P-nitrophenol 4- hydroxylase, Hydroquinone, Nitrite.

No. of Pages : 7 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2572/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : A SIMPLE METHOD TO SCREEN PLANTS FOR PHYTOREMEDIATION OF P-NITROPHENOL CONTAMINATED SUBSTRATA

(51) International classification	:A01N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NAYEEM ULLAH KHAN
(32) Priority Date	:NA	Address of Applicant :#10, 4TH CROSS, OPP. DAYANAND
(33) Name of priority country	:NA	SAGAR COLLEGE, K.S. LAYOUT, BANGALORE 560 078
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	2)BHAVYA VARMA C
(87) International Publication No	: NA	3)BHAGYA REDDY. M
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)NAYEEM ULLAH KHAN
(62) Divisional to Application Number	:NA	2)BHAVYA VARMA C
Filing Date	:NA	3)BHAGYA REDDY. M

(57) Abstract :

p-Nitrophenol is much more toxic than methyl parathion. These pesticide compounds need to be degraded and eliminated from the environment. Bacteria like Flavobacterium, Pseudomonas, Moraxella, Nocardia and Athrobacter are known to metabolize and degrade the pesticides. P-Nitrophenol is also used as biomarker of biodegradation of methyl parathion. Because of the presence of nitro group, the pesticide p-nitrophenol persists in the environment. The present work describes plants such as wheat and maize can be used for in situ phytoremediation of p-nitrophenol. P-Nitrophenol is taken up by the wheat and maize plants and degraded to hydroquinone with liberation of nitrite. Nitrite release by plants from nitrophenol in soil serves as an indicator of phytoremedial potential. Hydroquinone formed would also serve the same purpose. The invention gives an assay system for the enzyme p-nitrophenol 4-hydroxylase for the active degradation of p-nitrophenol. The products of the enzyme are nitrite and hydroquinone which have been identified by NEDA method and HPLC respectively. Hydroquinone is harmless and non-toxic. Key words: P-Nitrophenol, P-Nitrophenol 4-hydroxylase, Hydroquinone, Nitrite.

No. of Pages : 7 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2543/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :01/09/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : DIABETIC FOOT MASSAGER

(51) International classification	:A61H, A43B	(71)Name of Applicant : 1)DABBIRU RAVI VIKRANTH
(31) Priority Document No	:NA	Address of Applicant :C/-HORIPRIYA ITC, 49-48-23,
(32) Priority Date	:NA	AKKAYYAPALEM, VISAKHAPATNAM - 530016 Andhra
(33) Name of priority country	:NA	Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DABBIRU RAVI VIKRANTH
(87) 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 Diabetic Foot Massaging appliance, includes a shoe housing adapted to be supported on a flat horizontal surface and a massing unit mounted within the housing for reciprocating movement of the bottom of the foot or sole and thereof for massaging the sole of a users foot when placed thereon; and a motor drive for reciprocator movement of the massaging unit. Moreover, the shoe housing includes a plurality of compressive elements projecting upwardly from the upper face on top of the shoe housing; serving the purpose of pressing the ankle and toe of the user. The motor drive for ankle and toe respectively are housed on top and at the rear end of the shoe housing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2544/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :01/09/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : CRANKWEB FOR A CRANKSHAFT ASSEMBLY

(51) International classification

:F16F

(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)TVS MOTOR COMPANY LIMITED

Address of Applicant :JAYALAKSHMI ESTATES NO.29
(OLD NO.8) HADDOWS ROAD, CHENNAI - 600 006 Tamil
Nadu India

(72)Name of Inventor :

1)SAHARASH KHARE

2)KAREDLA BAPANNA DORA

3)GITESH VIKAS PANAT

4)VETHANAYAGAM JAYAJOTHI JOHNSON

(57) Abstract :

A crankshaft assembly of a four stroke internal combustion engine comprising a pair of crankweb wherein the crankweb is defined by a crankweb counter mass bordered by counter web mass arm, a crank boss connected to a connecting rod through a crankpin, an oil hole, a crankweb bridge between the said crankweb counter web mass arm and said crank boss area, a flange area limited by flange arms, wherein the said bridge length has been increased to at least 1:2 to the outer diameter of the said crankweb.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2546/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :01/09/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : MODULAR MULTIFUNCTION METERING UNIT FOR HIGHER ISOLATION AND UNIVERSAL CURRENT TRANSFORMER(Ct) TERMINATION

(51) International classification	:H01R	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SCHNEIDER ELECTRIC CONZERV INDIA PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :NO. 44 P, ELECTRONICS CITY,
(33) Name of priority country	:NA	EAST PHASE, HOSUR ROAD, BANGALORE 560 100
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)RAJEEV MANDWAL
(61) Patent of Addition to Application Number	:NA	2)KUMARAN R.
Filing Date	:NA	3)SUDHIR PATIL
(62) Divisional to Application Number	:NA	4)ASHOK HATTANGADY
Filing Date	:NA	

(57) Abstract :

The present invention relates to a modular multifunction metering unit comprising a meter block (10) assembled with a set of openings (10a) and a set of plug-in connectors (12). A terminal block (20) comprises one or more current transformer (CT) blocks (30) each composed of a current carrying conductor (31) that is concentrically surrounded by a current transformer (32) to form uniform distribution of magnetic field around the current transformer, and one or more connector blocks (40), each arranged with a connector (41) that is configured to interconnect with terminal wires (50b). Each current transformer of the CT blocks is introduced into the appropriate openings of the meter block and each connector of the connector blocks is interconnected to the appropriate plug-in connectors of the meter block, such that the CT blocks and the connector blocks are detachably connected to the meter block. Such metering unit provides universal CT termination and improves performance of current transformers. It also provides enough safety margins inside the power supply modules with optimum clearance and creepage for better isolation without increasing size of power supply modules.

No. of Pages : 16 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2576/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :27/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : A SEPARATOR ASSEMBLY FOR ISOLATING SOLID SUBSTANCE AND LIQUID SUBSTANCE

(51) International classification	:A47J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHARANABASAPPA DESAI
(32) Priority Date	:NA	Address of Applicant :NO. 20/39, GROUND FLOOR, 3RD
(33) Name of priority country	:NA	CROSS, 4TH BLOCK, KUMARA PARK WEST, BANGALORE
(86) International Application No	:NA	- 560 020 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SHARANABASAPPA DESAI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A separator assembly (100) comprises a first chamber (101) with a first cavity (102) present in it to guide the liquid substance to pass through the first cavity (102). The separator assembly comprises a second chamber (103) with a second cavity (104) present in it to guide the solid substance to pass through the second cavity (104). The separator assembly (100) comprises a passage arrangement (309) to collect and to dispose the liquid substance exiting from the first cavity (102) on to ground. The separator assembly (100) comprise one or more pit (105) to collect the solid substance exiting from the second cavity (104) wherein the first chamber (101) along with the first cavity (102) and the second chamber (103) along with the second cavity (104) physically isolates the liquid substance and the solid substance independently from each other and allows the liquid substance and the solid substance to exit independently from each other. One or more pits (105) can be constructed underneath the separator assembly (100) such that one of the pits (105) can be used at a time to collect the substance from the second cavity (104). As the construction of the separator assembly (100) is such that the substance falling in the first chamber (101) will be exited through the first cavity (102) and the substance falling in the second camber will be exited through the second cavity (104) the substance falling in the first chamber (101) is isolated from the substance falling in the second chamber (103).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.252/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD FOR PERFORMING CARRIER MANAGEMENT PROCEDURE IN A MULTI-CARRIER SUPPORTED WIDEBAND WIRELESS COMMUNICATION SYSTEM AND APPARATUS FOR THE SAME

(51) International classification	:H04J11/00
(31) Priority Document No	:61/229,270
(32) Priority Date	:28/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2010/004885
Filing Date	:26/07/2010
(87) International Publication No	:WO 2011/013964 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)LEE, EUN JONG
2)RYU, KI SEON
3)JUNG, IN UK
4)KIM, YONG HO
5)YUK, YOUNG SOO

(57) Abstract :

A method and apparatus for performing a carrier management in a broadband wireless communication system supporting multi-carriers are disclosed A method for a mobile station to perform a carrier management procedure with a base station supporting multiple carriers includes receiving a carrier management command message including an action code indicating a primary carrier change and an action time, on a serving primary carrier, transmitting an acknowledgement message indicating that the carrier management command message is success fully received in the mobile station, on the serving primary carrier, and switching the primary carrier to a target carrier indicated by the carrier management command message at the action time, wherein the action time is set to a value more than a retransmission timer, the retransmission timer is set to a time during which the base station waits for receiving the acknowledgement message in response to the carrier management command message.

No. of Pages : 162 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2547/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :01/09/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD OF CASTING THIN WEBBED PROPELLANT GRAINS AND A SYSTEM FOR CASTING THE SAME

(51) International classification	:C06B
(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)PARAMASIVAN SANTHANA SATHIS KUMAR

3)MATHEW PUTHUVILAYIL DANIEL

4)VARIKATTU RAMAKAIMAL SASIDHARA KAIMAL

5)THOMAS CHALISSERY RAPHAEL

6)SIVARAMAKRISHNAN RAMAMOORTHY

(57) Abstract :

This invention presents a method of casting thin webbed propellant grains into a casting site preferably a solid rocket motor. The technique involves subjecting the slurry mix in the feeding cylinder to Nitrogen gas pressure in a controlled manner, so as to feed the slurry through feeding hose and the feeding valve at the bottom of the motor case into the annular space between mandrel and motor case. Intermittent vibrations are given during casting to offset any force equilibrium experienced by an entrapped air bubble and to facilitate rising of bubble to the free surface at the top and also to help in proper filling and leveling of the viscous slurry in intricate areas. This process has led to a tremendous improvement in the yield of thin webbed solid propellant grains and the presence of blowholes and voids has been brought down to negligible level in these grains. All this is achieved without compromising on the safety aspects of propellant processing. This invention also includes a system for carryi8ng out the method of casting.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : POLYMIDE-POLYDIENE BLENDS WITH IMPROVED OXYGEN REACTIVITY

(51) International classification :B32B27/36
(31) Priority Document No :61/186,271
(32) Priority Date :11/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/058221
Filing Date :11/06/2010
(87) International Publication No :WO 2010/142782
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)M & G POLIMERI ITALIA S.P.A.
Address of Applicant :VIA MORELLENSE KM. 10, I-03010
PATRICA (FROSINONE) Italy
(72)Name of Inventor :
1)KNUDSEN, RICARDO
2)BLACK, JEFFREY D.

(57) Abstract :

This application discloses the use of polyamide-polythene blend to improve the oxygen reactivity in the present of ionic polyester compatibilizers.

No. of Pages : 31 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2562/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :03/09/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : ANTIOXIDENT SUBSTITUTED COFFEE

(51) International classification

:A23F,
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 :

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(DIST)- 629 002 Tamil Nadu India

(72)Name of Inventor :

1)S.MOHANA SELVAN

(57) Abstract :

This antioxidant spermacoce hispida coffee is more potential than the present day coffee from coffea robusta and coffea Arabica. This can be used as an anti cancerous coffee.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2593/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR MULTIPLE COLUMN SORTING AND LOCKING

(51) International classification

:G06F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GENERAL ELECTRIC COMPANY

Address of Applicant :1 RIVER ROAD, SCHENECTADY,
NEW YORK 12345 U.S.A.

(72)Name of Inventor :

1)RAVI SAMUVEDULA

(57) Abstract :

Certain examples provide a computer-implemented method. The method includes displaying, at an initial position, a first entry of a plurality of entries of a table. The method includes displaying a first indicator to indicate that the first entry has been assigned from a set of unlocked entries to a set of locked entries, and that the first entry is assigned to a first lock position. The method includes sorting the plurality of entries to determine a first sort order including a first sort position of the first entry that is different from the first lock position. The method includes displaying the set of unlocked entries according to the first sort order and displaying the first entry at the first lock position.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2588/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :06/09/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : MOTOR-WATER HAND PUMPING

(51) International classification

:F01L

(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)M.ABDULRAZAK

Address of Applicant :149, NABINAYAKAM STREET,
B.B.KULAM, MADURAI Tamil Nadu India

(72)Name of Inventor :

1)M.ABDULRAZAK

(57) Abstract :

Drawing attached herewith The comprehensive motor cum hand driven water lift pump with the appropriate safety measures with easy operating low power consumption fraction HP Motor 230v 50Hz IPhase 2.5 Amps 2.5 Hp RPM - 1420. which shall be operated by electric Motor and by hand during the electric shutdown periods.

No. of Pages : 8 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2589/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : A STARTER WITH RADIAL DRIVE ENGAGEMENT ASSEMBLY

(51) International classification	:F02N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LUCAS-TVS LIMITED
(32) Priority Date	:NA	Address of Applicant :PADI, CHENNAI 600 050 Tamil Nadu
(33) Name of priority country	:NA	India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KRISHNAVILASAM RAGHAVAN
(87) International Publication No	: NA	ANANDAKUMARAN NAIR
(61) Patent of Addition to Application Number	:NA	2)KRISHNAN SIVASUBRAMANIAN
Filing Date	:NA	3)VELLORE NARAYANA SWAMY PRIYA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A starter with radial drive engagement assembly for an IC engine, comprising a motor, a solenoid assembly for energizing the motor to move the pinion mounted on the pinion shaft of a pinion assembly, to engage with, and drive, the ring gear of the engine, characterised by means for lowering, and raising, the pinion shaft on to, and above, the said ring gear, the pinion shaft, when so lowered, causing the pinion to radially engage with, to drive, the ring gear, and when so raised causing the pinion to disengage from the ring gear.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.26/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : ZERO STANDBY POWER LASER CONTROLLED DEVICE

(51) International classification :H04N 5/44
(31) Priority Document No :12/459,552
(32) Priority Date :02/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/040207
Filing Date :28/06/2010
(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)SONY CORPORATION
Address of Applicant :1-7-1 Konan Minato-Ku Tokyo 108-0075 Japan.
2)SONY ELECTRONICS INC.
(72)Name of Inventor :
1)CANDELORE Brant L.
2)BLANCHARD Robert
3)SHINTANI Peter Rae

(57) Abstract :

In certain embodiments a remotely controllable television has an energy converter that receives light energy from a laser in a remote controller and converts the light energy to electrical energy. A remote control code interpreter that is receives a turn-on code from the remote controller. The electrical energy from the energy converter is used to supply power to the remote control code interpreter. This abstract is not to be considered limiting since other embodiments may deviate from the features described in this abstract.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.260/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : PROCESS FOR SUBSTITUTED 3-AMINO-5-OXO-4,5-DIHYDRO-[1,2,4]TRIAZINES

(51) International classification :C07D253/06

(31) Priority Document No :61/224,090

(32) Priority Date :09/07/2009

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

(86) International Application No :PCT/US2010/041278

Filing Date :08/07/2010

(87) International Publication No :WO 2011/005909 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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1)DONG, HANQING

2)MAO, YUNYU

3)MULVIHILL, KRISTEN, MICHELLE

4)RECHKA, JOSEF, A.

5)WERNER, DOUGLAS, S.

(57) Abstract :

Processes including preparation of trans-4-[(3-amino-5-oxo-4,5-dihydro-[1,2,4]triazin- 6-ylmethyl)-carbamoyl]-cyclohexanecarboxylic acid methyl ester, and its conversion to trans- 4-(4-amino-5-susbtituted-imidazo[5,1-l[1,2,4]triazin-7-yl)-cyclohexanecarboxylic acid compounds.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.261/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : ILLUMINATING DEVICE, DISPLAY DEVICE, AND TELEVISION RECEIVER

(51) International classification :G02F1/13357
(31) Priority Document No :2009-164102
(32) Priority Date :10/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/055523
Filing Date :29/03/2010
(87) International Publication No :WO 2011/004643
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SHARP KABUSHIKI KAISHA
Address of Applicant :22-22, NAGAIKE-CHO, ABENO-KU,
OSAKA-SHI, OSAKA 545-8522 Japan
(72)Name of Inventor :
1)YOSHIKAWA, TAKAHIRO

(57) Abstract :

A holder (11) fixes a mounting board (21) on a backlight chassis (41), while at least covering the edge (21S) of the mounting board (21) on the backlight chassis (41), said edge being in the short side direction of the mounting board.

No. of Pages : 71 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2610/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : VANE ASSEMBLY WITH AN INTEGRATED SPRING ELEMENT

(51) International classification

:F01D

(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 :POST BOX NO 3000, HOSUR ROAD,
ADUGODI, BANGALORE - 560 030 Karnataka India

2)ROBERT BOSCH GMBH

(72)Name of Inventor :

1)BJOERN NOACK

(57) Abstract :

A vane assembly for a rotor is disclosed. The vane assembly is located along the diameter of the rotor. The vane assembly comprises at least a first blade, a second blade and a flexible component. The flexible component is integrated in between the first blade and said second blade. The vane assembly is made of polymeric materials.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2611/CHE/2007 A

(19) INDIA

(22) Date of filing of Application :09/11/2007

(43) Publication Date : 22/03/2013

(54) Title of the invention : THREE-POLE APPARATUS FOR A MEDIUM OR HIGH VOLTAGE CUBICLE AND ASSOCIATED CUBICLE COMPRISING SUCH A THREE-POLE APPARATUS

(51) International classification	:H02B	(71)Name of Applicant :
(31) Priority Document No	:MI2006A	1)VEI T&D S.r. I
(32) Priority Date	:10/11/2006	Address of Applicant :STRADA DELLA BRAGLIA,12,
(33) Name of priority country	:Italy	26862 GUARDAMIGLIO-LO ITALY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VAGHINI, ALBERTO,
(87) International Publication No	: NA	2)ROSSI, ARMANDO,
(61) Patent of Addition to Application Number	:NA	3)PERLI,GIORGIO,
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A three-pole apparatus to be installed in a cubicle of an electric substation, comprising: i) an air-insulated three-pole disconnector performing functions of isolating an electric line leaving the cubicle, and ii) a three-pole circuit breaker performing line protection functions, characterized in that: a) the three-pole apparatus further comprises a casing which is made of insulating material and houses internally, at least partially, said three-pole circuit breaker, wherein said casing is not sealingly closed and contains air; b) the circuit breaker comprises three vacuum circuit-breaker modules and the disconnector comprises three single-pole disconnector devices, wherein each of the single-pole disconnector devices in turn comprises a contact movable linearly from a service position into a disconnection position; c) wherein each of the contacts, when it is in its service position, projects at least partially from the casing; and d) the three-pole apparatus is configured for cooperating with an earthing switch which is not enclosed into said casing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2594/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : SIPHON BASED CERAMIC WATER FILTER

(51) International classification	:B01D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BASIC WATER NEEDS B.V.
(32) Priority Date	:NA	Address of Applicant :TUINSTRAAT 238 6828BE ARNHEM
(33) Name of priority country	:NA	Netherlands
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KLAAS VAN DER VEN
(87) 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 :

Gravity fed water filters now available depend purely on the pressure of water column above the filter element to push water through the filter element. Where required, increased rate of filtration is achieved through use of multiple filter elements within a single filter. Increasing the number of filter elements significantly increases the cost of manufacture of filters. This invention increases the rate of filtration of water in a cost-effective manner by attaching a small pipe from the outlet of the filter element to the bottom of the lower reservoir for filtered water. As the water filters out and passes into the pipe, it pushes out the air in the pipe and gradually the entire pipe fills up with water. This creates a suction pressure at the outlet of the filter element, increasing the rate of filtration without considerably increasing the cost of manufacture of the filter. This does not significantly increase the total cost of the filter.

No. of Pages : 12 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2597/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :07/09/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : A HANDS-FREE DEVICE FOR ENABLING THE DIFFERENTLY ABLED TO TURN THE PAGES OF A BOOK WHILE READING

(51) International classification	:B25J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY
(32) Priority Date	:NA	Address of Applicant :INDIAN INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY, IIT P.O. CHENNAI-600 036. Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ARUN SRIVATSAN
(87) International Publication No	: NA	2)BHAVIN GAWALI
(61) Patent of Addition to Application Number	:NA	3)HEM RAMPAL
Filing Date	:NA	4)KARTIK MEHTA
(62) Divisional to Application Number	:NA	5)DR. G. SARAVANA KUMAR
Filing Date	:NA	6)DR. SANDIPAN BANDYOPADHYAY

(57) Abstract :

A hands-free device for enabling the disabled to turn the pages of a book while reading comprising an L-shaped assembly consisting of a big link and a small link movable with respect to each other, said links being held together by an analog servo which is responsible for turning the small link with respect to the big link by a pre-determined angle, the whole assembly being rotated by another servo motor for performing the actions of flipping the pages and clamping the same, one of the assemblies lifting a page by 90° while the other clamp flips it from this position by first crossing over and then clamping back to position; a limit switch for stopping the rotation of the servos after the page is turned; a similar opposite series of movements flip the page in the other direction.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2613/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :07/09/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : AUTOMATED PURIFIED DRINKING WATER VENDING MACHINE WITH CONTAINER DISPENSER

(51) International classification	:G07F	(71)Name of Applicant :
(31) Priority Document No	:NA	1)HARIDAS M.
(32) Priority Date	:NA	Address of Applicant :C/O P. MUNISWAMY NAIDU, #24,
(33) Name of priority country	:NA	2ND MAIN, 1ST CROSS, CHOLURPALYA, MAGADI ROAD,
(86) International Application No	:NA	BANGALORE-560 023. Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)HARIDAS M.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An automated purified drinking water vending machine (100) is disclosed. The vending machine includes a purifier assembly (V7, V12, V16, V18-V22) for purifying raw water, a reservoir unit (V10, V11, V13) for storing the purified water, an electronic control unit (V17) for dispensing a pre-determined amount of water from the reservoir unit, a currency receiving unit (V30, V31) for accepting and validating currency from a user, and a container dispenser unit (V1, V6) for storing and dispensing hygienic containers automatically for containing the dispensed water and providing to the user. The vending machine is completely automated and self-serviced, and avoids the need for a dedicated operator at every time. The automated vending machine provides the choice of container to the user as food grade cup and food grade pouch.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.263/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : HYDROCARBON GAS PROCESSING

(51) International classification	:F25J3/02
(31) Priority Document No	:PCT/US2010/029331
(32) Priority Date	:31/03/2010
(33) Name of priority country	:PCT
(86) International Application No	:PCT/US2011/028872
Filing Date	:17/03/2011
(87) International Publication No	:WO 2011/123253 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 :415 W. WALL, SUITE 2000,
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2)S.M.E. PRODUCTS LP

(72)Name of Inventor :

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2)LEWIS, W., LARRY

3)TYLER, L. DON

4)WILKINSON, JOHN, D.

5)LYNCH, JOE, T.

6)HUDSON, HANK, M.

7)CUELLAR, KYLE, T.

(57) Abstract :

A process and an apparatus are disclosed for a compact processing assembly to recover C2 components (or C3 components) and heavier hydrocarbon components from a hydrocarbon gas stream. The gas stream is cooled and divided into first and second streams. The first stream is further cooled to condense substantially all of it, expanded to lower pressure, and supplied as top feed to an absorbing means. The second stream is also expanded to lower pressure and fed to the bottom of the absorbing means. A distillation vapor stream from the absorbing means is heated by cooling the gas stream and the first stream. A distillation liquid stream from the absorbing means is fed to a heat and mass transfer means to heat it and strip out its volatile components while cooling the gas stream. The absorbing means and the heat and mass transfer means are housed in the processing assembly.

No. of Pages : 76 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2583/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : DIELECTRIC MATERIALS FOR POWER TRANSFER SYSTEM

(51) International classification	:H01G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GENERAL ELECTRIC COMPANY, A NEW YORK CORPORATION
(32) Priority Date	:NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:NA	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KRISHNA, KALAGA MURALI
(87) International Publication No	: NA	2)MATANI, LOHIT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A power transfer system is provided. The power transfer system includes a field-focusing element including a dielectric material. The dielectric material includes a ceramic material and a polymer material. The ceramic material includes an oxide compound comprising titanium and the polymer material includes a resin. Further, a method of forming a power transfer system is presented. The method includes forming a resonator. Forming a resonator includes the steps of disposing a metallic layer, blending a ceramic material and polymer material to form a dielectric material, depositing the dielectric material over the metallic layer to form a dielectric layer, forming a Swiss-roll structure of metallic layer and dielectric layer, and curing the Swiss-roll structure to form a monolithic Swiss-roll structure. .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2584/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHODS AND SYSTEMS FOR SEPARATION OF AN EMULSION

(51) International classification	:B01D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GENERAL ELECTRIC COMPANY, A NEW YORK CORPORATION
(32) Priority Date	:NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:NA	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MAHALINGAM, SAKETHRAMAN
(87) International Publication No	: NA	2)WEEBER, KONRAD ROMAN
(61) Patent of Addition to Application Number	:NA	3)BASU, WRICHIK
Filing Date	:NA	4)BHIDE, RAVINDRA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In accordance with one aspect of the present invention, methods of separating an aqueous phase from an organic phase in an emulsion are provided. The method includes providing the emulsion into a separation apparatus, wherein the separation apparatus includes at least four electrodes in fluid communication with the emulsion. The method further includes applying a poly-phase alternating current (AC) voltage/current to the plurality of electrodes, thereby generating a rotating electric field within the separation apparatus, wherein the poly-phase AC voltage has a harmonic greater than the first order. The method further includes separating the aqueous phase of the emulsion from the organic phase. Systems for separating the aqueous phase from the organic phase in an emulsion are also provided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2585/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR MONITORING A SYNCHRONOUS MACHINE

(51) International classification	:H02P	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GENERAL ELECTRIC COMPANY, A NEW YORK CORPORATION
(32) Priority Date	:NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:NA	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BANERJEE, ARIJIT
(87) International Publication No	: NA	2)PANICKER, SOMAKUMAR RAMACHANDRA
(61) Patent of Addition to Application Number	:NA	3)SUN, HAIYAN
Filing Date	:NA	4)MALLAMPALLI, SRINIVAS SATYA SAI
(62) Divisional to Application Number	:NA	5)SAMANTA, SUBHRA
Filing Date	:NA	

(57) Abstract :

A method for monitoring a synchronous machine is described. The method includes injecting a narrowband sinusoidal signal at a first end of a field winding of the synchronous machine. The method further includes monitoring a voltage at a second end of the field winding with respect to ground. The method then identifies a resonant frequency based on the monitored voltage, and generates a winding health indicator based on the identified resonant frequency and an expected resonant frequency.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2586/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :28/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : DIELECTRIC MATERIALS FOR POWER TRANSFER SYSTEM

(51) International classification	:H01J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GENERAL ELECTRIC COMPANY, A NEW YORK CORPORATION
(32) Priority Date	:NA	Address of Applicant :1 RIVER ROAD, SCHENECTADY,
(33) Name of priority country	:NA	NEW YORK 12345 U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KRISHNA, KALAGA MURALI
(87) International Publication No	: NA	2)MATANI, LOHIT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A contactless power transfer system is proposed. The power transfer system comprises a field-focusing element comprising a dielectric material. The dielectric material includes an oxide material including $(Mg_{1-x}Sr_x)_yTiO_{(2+y)}$, wherein x can vary between the value of zero and 1 such that $0 \leq X \leq 1$, and y can be 0, 1, or 2. A power transfer system further including a first coil coupled to a power source and a second coil coupled to a load is disclosed. In this system, the field-focusing element including the dielectric material is disposed between the first coil and the second coil. .

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : INSECTICIDE-COATED SUBSTRATE FOR PROTECTING HUMANS AND DOMESTIC ANIMALS

(51) International classification	:A01N53/08
(31) Priority Document No	:09165019.2
(32) Priority Date	:09/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/059523
Filing Date	:05/07/2010
(87) International Publication No	:WO 2011/003845
	A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BASF SE

Address of Applicant :67056, LUDWIGSHFEN Germany

(72)Name of Inventor :

1)LEININGER, HARTMUT

2)STUTZ, SUSANNE

3)KARL, ULRICH

(57) Abstract :

A substrate treated with a composition comprising a pyrethroid, chlorfenapyr and a special acrylate binder is suitable for controlling harmful insects in buildings, for protecting humans and domestic animals from such harmful insects and for protecting humans and domestic animals from vector-transmitted diseases which are transmitted by the harmful insects.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2611/CHE/2010 A

(19) INDIA

(22) Date of filing of Application :07/09/2010

(43) Publication Date : 22/03/2013

(54) Title of the invention : PURIFICATION OF POLYPEPTIDES

(51) International classification	:C07K14/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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Address of Applicant :Intellectual Property Management
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(72)Name of Inventor :

1)Darshan Koticha

2)Samir Kulkarni

3)Gazala Koticha

4)Arthanari Vivek

5)Neeru Gupta

(57) Abstract :

The invention describes a method of purification of polypeptide of therapeutic or commercial importance. In particular the invention describes a method for purification of polypeptide using ion exchange chromatography which involves optimal load conditions. The polypeptides may be obtained from various expression systems such as, E.coli, yeasts, insects or mammalian cells.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2611/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : HYDRAULIC CONTROL MECHANISM FOR PORT CONTROLLED HIGH PRESSURE PUMPS

(51) International classification	:F02M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BOSCH LIMITED
(32) Priority Date	:NA	Address of Applicant :POST BOX NO 3000, HOSUR ROAD,
(33) Name of priority country	:NA	ADUGODI, BANGALORE - 560 030 Karnataka India
(86) International Application No	:NA	2)ROBERT BOSCH GMBH
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)BJOERN NOACK
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Shown in is the control mechanism to control the amount of fuel delivered by a high pressure pump 200 to an injector. The control mechanism comprises a plunger 101 movably placed in a bore 102, the bore 102 having a first side 103 and a second side 104, a fuel supply path 106 supplying fuel to the first side 103 of the bore, the second side 104 of the bore 102 connected to the fuel supply path 106 via a valve 108. The other side of the fuel supply path 16 is connected to a fuel feed pump which is not shown in the fig. The fuel feed pump supplies the fuel through the fuel supply path 106. The bore 102 receives the fuel in its first side 103 through the fuel supply path 106 which creates a pressure PI in the first side 103. The fuel coming through the fuel supply path 106 also passes through the valve 108 and fills the second side 104 of the bore 102. Depending upon the pressure difference between the first side and the second side of the bore, the plunger 101 moves within the bore. The movement of the bore rotates a piston in the pump thereby varying the amount of fuel delivered by the pump.

No. of Pages : 12 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.266/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : COMPOSITE POLYAMIDE ARTICLE

(51) International classification :C08G69/48

(31) Priority Document No :0954771

(32) Priority Date :09/07/2009

(33) Name of priority country :France

(86) International Application No :PCT/EP2010/059281

Filing Date :30/06/2010

(87) International Publication No :WO 2011/003787

A1

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)RHODIA OPERATIONS

Address of Applicant :40, RUE DE LA HAIE COQ, F-93306
AUBERVILLIERS., France

(72)Name of Inventor :

1)TOURAUD, FRANCK

2)ORANGE, GILLES

3)JEOL, STEPHANE

4)DURAND, ROLAND

(57) Abstract :

The present invention relates to the use of polyamide modified by hydroxyaromatic compounds employed in the impregnation of reinforcing materials taking the form of cloth of industrial fabrics for the manufacture of composite materials. The field of the invention is that of composite materials and of their manufacturing processes. The invention also relates to a process for the manufacture of a composite article comprising at least: a) a stage of impregnation of a reinforcing cloth with a polyamide composition in the molten state, said polyamide comprises hydroxyaromatic units chemically bonded to the polyamide chain; b) a stage of cooling and subsequently recovering the composite article.

No. of Pages : 35 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.284/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : HYDROCARBON GAS PROCESSING

(51) International classification :F25J3/00
(31) Priority Document No :61/186361
(32) Priority Date :11/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/029331
Filing Date :31/03/2010
(87) International Publication No :WO 2010/144172 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)ORTLOFF ENGINEERS, LTD
Address of Applicant :415 W. WALL, SUITE 2000,
MIDLAND TEXAS 79701 U.S.A.
2)S.M.E. PRODUCTS LP
(72)Name of Inventor :
1)JOHNKE, ANDREW, F.
2)LEWIS, W., LARRY
3)WILKINSON, JOHN, D.
4)LYNCH, JOE, T.
5)HUDSON, HANK, M.
6)CUELLAR, KYLE, T.

(57) Abstract :

A process and an apparatus are disclosed for the recovery of propane, propylene, and heavier hydrocarbon components from a hydrocarbon gas stream in a compact processing assembly. The gas stream is cooled, expanded to lower pressure, and supplied as the bottom feed to an absorbing means inside the processing assembly. A first distillation liquid stream is collected from the lower region of the absorbing means and supplied as the top feed to a mass transfer means inside the processing assembly. A first distillation vapor stream is collected from the upper region of the mass transfer means and cooled sufficiently to at least partially condense it, forming a residual vapor stream and a condensed stream. The condensed stream is supplied as the top feed to the absorbing means. A second distillation vapor stream is collected from the upper region of the absorbing means and directed into one or more heat exchange means inside the processing assembly to heat it while cooling the first distillation vapor stream. The heated second distillation vapor stream is combined with any of the residual vapor stream and the combined stream is directed into the one or more heat exchange means inside the processing assembly to heat it while cooling the gas stream. A second distillation liquid stream is collected from the lower region of the mass transfer means and directed into a heat and mass transfer means inside the processing assembly to heat it and strip out its volatile components. The quantities and temperatures of the feeds to the absorbing means are effective to maintain the temperature of the upper region of the absorbing means at a temperature whereby the major portions of the desired components are recovered in the stripped second distillation liquid stream.

No. of Pages : 89 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2607/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : A DEVICE FOR HEATING AN AQUEOUS SOLUTION IN A TANK IN A VEHICLE

(51) International classification	:H01S	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MURALI SIDDHAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device for heating an aqueous solution in a tank in a vehicle is disclosed. The device comprises a fluid circulating path containing a fluid and adapted to be in contact with an exhaust gas pipe to heat the fluid. The fluid circulating path circulates hot fluid through the tank containing the aqueous solution. A pumping means is located in the fluid circulating path to pump the fluid in direction of the fluid circulating path which is in contact with the exhaust gas pipe.

No. of Pages : 9 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2608/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : OPERATION OF A PLURALITY OF SWITCHES IN A VEHICLE

(51) International classification	:E06B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MADHAN BABU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a control device (100) and a method thereof for operating a plurality of window panes of a vehicle. The device comprises a selection unit (10) for selecting any desired combination of the window panes in the vehicle, a window control means (20) for raising or for lowering those window panes simultaneously, which are selected by the selection unit (10) and a window locking means (30) for locking or unlocking those window panes simultaneously, which are selected by the selection unit (10).

No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2609/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :29/07/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : IMPROVED IMMOBILIZER OPERATION

(51) International classification	:B60R	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)GIRISH YERGOL
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention discloses a device and a method for operating a vehicle immobilizer. After switching on the ignition, the state of charge of the battery and engine coolant temperature are measured and compared with corresponding predefined thresholds corresponding to each. The authentication by immobilizer is delayed until the engine reaches a steady state operation if the battery voltage is detected to be below a particular threshold. Further the cranking of the engine is disabled temporarily until immobilizer authentication is complete if the coolant temperature is below the corresponding thresholds. The engine is allowed to operate only if the authentication is successful. In case the authentication is not successful then the engine is made to stop after meeting suitable conditions.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : CATCH SYSTEM

(51) International classification	:A47B88/04
(31) Priority Document No	:10 2009 026 141.9
(32) Priority Date	:09/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/058889
Filing Date	:23/06/2010
(87) International Publication No	:WO 2011/003738
	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)PAUL HETTICH GMBH & CO. KG
Address of Applicant :VAHRENKAMPSTRASSE 12-16,
32278 KIRCHLENGERN Germany
(72)**Name of Inventor :**
1)HOFFMANN, ANDREAS

(57) Abstract :

The invention relates to a catch fitting for a pull-out guide, in particular for drawers, comprising a switching curve (20) in which a switching element (10) is displaceably mounted, wherein the switching curve (20) comprises a loop-shaped segment (23) having a catch depression (26). The switching element (10) can be engaged with the catch depression (26) by a force storage (63). An initiator (30) is provided, by means of which the switching element (10) can be displaced out of the catch depression (26).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.405/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : FUEL INJECTOR

(51) International classification	:F02M45/08
(31) Priority Document No	:0916266.97
(32) Priority Date	:15/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/057003
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/145911
	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)DELPHI TECHNOLOGIES HOLDING S.A.R.L

Address of Applicant :AVENUE DU LUXEMBOURG, L-4940 BASCHARAGE Luxembourg

(72)Name of Inventor :

1)COOKE, MICHAEL

(57) Abstract :

A fuel injector (100) for use in an internal combustion engine comprising an injection nozzle (118) having a nozzle body (120) provided with a nozzle bore (130), a first valve needle (136) received within the nozzle bore and being engageable with a first seat region (137) to control fuel delivery through a first set of nozzle outlets (126), and a second valve needle (138) received within a valve bore (140) provided in the first valve needle and being engageable with a second seat region (144) arranged to control fuel delivery through a second set of nozzle outlets (128). A control chamber (184) for fuel is provided, preferably at least in part, between the first valve needle and the second valve needle, wherein movement of the first valve needle is responsive to fuel pressure in the control chamber, and wherein movement of the second valve needle is mechanically coupled to an armature of the first actuator arrangement (159), such that when the second valve needle lifts away from the second seating region, a fuel flow path is established between the control chamber and the second set of nozzle outlets. The fuel injector further includes a second actuator arrangement (200) that is operable to control fuel flow into the control chamber thereby regulating fuel pressure within the control chamber and, thus, movement of the first valve needle.

No. of Pages : 34 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2783/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/04/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : ULTRA-HIGH MULTIPLEX ANALYTICAL SYSTEMS AND METHODS

(51) International classification

:G02B6/12

(31) Priority Document No

:61/101,555

(32) Priority Date

:30/09/2008

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US09/005319

Filing Date

:25/09/2009

(87) International Publication No

:WO 2010/039199
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 :

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2)LUNDQUIST, PAUL

3)ZHAO, PEIQIAN

4)ZHONG, FRANK

5)TURNER, STEPHEN

6)HUANG, YANQIAO

7)MONADGEMI, PEZHMEN

8)SAXENA, RAVI

9)GROT, ANNETTE

10)RULISON, AARON

(57) Abstract :

Apparatus, systems and methods for use in analyzing discrete reactions at ultra high multiplex with reduced optical noise, and increased system flexibility. Apparatus include substrates having integrated optical components that increase multiplex capability by one or more of increasing density of reaction regions, improving transmission of light to or collection of light from discrete reactions regions. Integrated optical components include reflective optical elements which re-direct illumination light and light emitted from the discrete regions to more efficiently collect emitted light. Particularly preferred applications include single molecule reaction analysis, such as polymerase mediated template dependent nucleic acid synthesis and sequence determination.

No. of Pages : 110 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.308/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : HYDROCARBON GAS PROCESSING

(51) International classification	:F25J3/00
(31) Priority Document No	:12/772,472
(32) Priority Date	:03/03/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/029409
Filing Date	:22/03/2011
(87) International Publication No	:WO 2011/123289 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)JOHNKE, ANDREW, F.

2)LEWIS, W., LARRY

3)TYLER, L. DON

4)WILKINSON, JOHN, D.

5)LYNCH, JOE, T.

6)HUDSON, HANK, M.

7)CUELLAR, KYLE, T.

(57) Abstract :

A process and an apparatus are disclosed for a compact processing assembly to recover C2 (or C3) and heavier hydrocarbon components from a hydrocarbon gas stream. The gas stream is cooled and divided into first and second streams. The first stream is further cooled, expanded to lower pressure, heated, and its liquid fraction is supplied as a first top feed to an absorbing means. The second stream is expanded to lower pressure and supplied as a bottom feed to the absorbing means. A distillation vapor stream from the absorbing means is combined with the vapor fraction of the first stream, then cooled by the expanded first stream to form a condensed stream that is supplied as a second top feed to the absorbing means. A distillation liquid stream from the bottom of the absorbing means is heated in a heat and mass transfer means to strip out its volatile components.

No. of Pages : 85 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.421/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : DIAGNOSTIC METHODS AND COMPOSITIONS FOR TREATMENT OF CANCER

(51) International classification	:C12Q1/68	(71)Name of Applicant :
(31) Priority Document No	:61/225,120	1)F. HOFFMANN-LA ROCHE AG
(32) Priority Date	:13/07/2009	Address of Applicant :124 GRENZACHERSTRASSE, CH-
(33) Name of priority country	:U.S.A.	4070 BASEL Switzerland
(86) International Application No	:PCT/US2010/041706	(72)Name of Inventor :
Filing Date	:12/07/2010	1)PATEL, RAJESH D.
(87) International Publication No	:WO 2011/008696 A2	2)RAJA, RAJIV
(61) Patent of Addition to Application	:NA	3)SANDERS, LAURA
Number	:NA	4)SCHMIDT, MAIKE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein are methods and compositions useful for the diagnosis and treatment of angiogenic disorders, including, e.g., cancer.

No. of Pages : 408 No. of Claims : 286

(12) PATENT APPLICATION PUBLICATION

(21) Application No.485/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHODS AND COMPOSITIONS FOR LONG FRAGMENT READ SEQUENCING

(51) International classification :C12N15/10
(31) Priority Document No :61/187,162
(32) Priority Date :15/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038741
Filing Date :15/06/2010
(87) International Publication No :WO 2010/148039 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 :
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2)PETERS, BROCK, A.
3)ALEXEEV, ANDREI
4)HONG, PETER

(57) Abstract :

The present invention is directed to methods and compositions for long fragment read sequencing. The present invention encompasses methods and compositions for preparing long fragments of genomic DNA, for processing genomic DNA for long fragment read sequencing methods, as well as software and algorithms for processing and analyzing sequence data.

No. of Pages : 132 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.493/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR RETAINING SOURCE IP IN A LOAD BALANCING MULTI-CORE ENVIRONMENT

(51) International classification	:G06F9/50
(31) Priority Document No	:12/489,165
(32) Priority Date	:22/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037221
Filing Date	:03/06/2010
(87) International Publication No	:WO 2011/005390 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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FORT LAUDERDALE, FL 33309 U.S.A.
(72)**Name of Inventor :**
1)GOEL, DEEPAK

(57) Abstract :

Described herein is a method and system for distributing requests and responses across a multi-core system. Each core executes a packet engine that further processes data packets allocated to that core. A flow distributor executing within the multi-core system forwards client requests to a packet engine on a core that is selected based on a value generated when a hash is applied to a tuple comprising a client IP address, a client port, a server IP address and a server port identified in the request. The packet engine maintains the client IP address, selects a first port of the core, and determines whether a hash of a tuple comprising those values identifies the selected core. A modification is then made to the client request so that the client request includes a tuple comprising the client IP address, the server IP address, the first port and the server port.

No. of Pages : 219 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.306/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : HYDROCARBON GAS PROCESSING

(51) International classification	:F25J3/00
(31) Priority Document No	:PCT/US2010/033374
(32) Priority Date	:03/03/2010
(33) Name of priority country	:PCT
(86) International Application No	:PCT/US2011/029239
Filing Date	:21/03/2011
(87) International Publication No	:WO 2011/123278 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)LEWIS, W., LARRY

3)TYLER, L. DON

4)WILKINSON, JOHN, D.

5)LYNCH, JOE, T.

6)HUDSON, HANK, M.

7)CUELLAR, KYLE, T.

(57) Abstract :

A process and an apparatus are disclosed for a compact processing assembly to recover C2 (or C3) components and heavier hydrocarbon components from a hydrocarbon gas stream. The gas stream is cooled and divided into first and second streams. The first stream is further cooled, expanded to lower pressure, and supplied as a feed between two absorbing means. The second stream is expanded to lower pressure and supplied as a bottom feed to the lower absorbing means. A distillation liquid stream from the bottom of the lower absorbing means is heated in a heat and mass transfer means to strip out its volatile components. A distillation vapor stream from the top of the heat and mass transfer means is cooled by a distillation vapor stream from the top of the upper absorbing means, thereby forming a condensed stream that is supplied as a top feed to the upper absorbing means.

No. of Pages : 65 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : GRINDING DEVICE

(51) International classification	:B24B53/02
(31) Priority Document No	:2009-142269
(32) Priority Date	:15/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060045
Filing Date	:14/06/2010
(87) International Publication No	:WO 2010147086
	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)YAGI, TSUYOSHI

2)ONO, KOJI

(57) Abstract :

A grinding device is provided which includes a dressing mechanism for dressing the grinder which is simple in structure and low in manufacturing cost. The grinding device includes a dresser head (7) provided at the front end of a spindle (1), and a dresser tool (8) mounted on the dresser head (7) for dressing the grinder (6), and the dresser tool (8) is configured such that while the workpiece (W) is being ground by the grinder (6), the dresser tool (8) is kept out of contact with the grinder (6), and while the grinder (6) is being dressed by the dresser tool (8), the chuck (3) is kept out of contact with the dresser tool (8). Thus it is possible to press the dresser tool (8) against the grinder (6) using the relative movement between the spindle (1) and the grinder shaft (4). The dresser head (7) can be rotated by rotating the spindle (1). The grinder (6) can thus be easily dressed by a dressing structure that is simple in structure without the need to mount the dresser tool (8) every time the grinder is to be dressed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.419/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : AUTO-GENERATING A VISUAL REPRESENTATION

(51) International classification :A63F13/00
(31) Priority Document No :12/511,850
(32) Priority Date :29/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/043291
Filing Date :27/07/2010
(87) International Publication No :WO 2011/014467 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KIPMAN, ALEX
3)BURTON, NICHOLAS, D.
4)WILSON, ANDREW

(57) Abstract :

Techniques for auto-generating the target's visual representation may reduce or eliminate the manual input required for the generation of the target's visual representation. For example, a system having a capture device may detect various features of a user in the physical space and make feature selections from a library of visual representation feature options based on the detected features. The system can automatically apply the selections to the visual representation of the user based on the detected features. Alternately, the system may make selections that narrow the number of options for features from which the user chooses. The system may apply the selections to the user in real time as well as make updates to the features selected and applied to the target's visual representation in real time.

No. of Pages : 61 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.498/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : IMAGE FORMING METHOD, AND IMAGE FORMED MATTER

(51) International classification	:B41M5/00
(31) Priority Document No	:2009-191612
(32) Priority Date	:21/08/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/063788
Filing Date	:10/08/2010
(87) International Publication No	:WO 2011/021591
	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)GOTO, HIROSHI

(57) Abstract :

An image forming method including: applying a pre-treatment liquid onto a coating layer provided on at least one surface of a support of a recording medium, jetting an inkjet ink onto the coating layer, onto which the pre-treatment liquid has been applied, so as to form an image, and applying or jetting a post-treatment liquid onto the coating layer, onto which the inkjet ink has been jetted, so as to form a transparent protective layer on the coating layer, wherein the inkjet ink contains the water-dis-persible colorant, a water-soluble organic solvent, a surfactant, a penetrant and water, and wherein an amount of pure water trans ferred into the recording medium, provided with the coating layer, measured at a contact time of 100 ms with a dynamic scanning liquid absorptometer is 1 ml/m² to 10 ml/m², and the pre-treatment liquid contains a water-soluble aliphatic organic acid.

No. of Pages : 125 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.45/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : LIGHTING DEVICE, DISPLAY DEVICE AND TELEVISION RECEIVER

(51) International classification :F21S2/00
(31) Priority Document No :2009-162962
(32) Priority Date :09/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/060091
Filing Date :15/06/2010
(87) International Publication No :WO 2011/004680
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)KUROMIZU, YASUMORI

(57) Abstract :

The present invention aims at providing a lighting device configured to suppress uneven brightness, and a display device or a television receiver which includes the lighting device. The lighting device of the present invention includes a plurality of LEDs 16, an LED board 17S, a chassis 14, a connecting component 60, and a reflection sheet 21. The LEDs 16 are mounted on the LED board 17S. Both of the LED boards 17S and 17C are attached to the chassis 14. The connecting component 60 electrically connect the LED boards 17S and 17C to each other. The reflection sheet 21 is overlaid on light source mounted surfaces 17A. In the lighting device, the connecting component 60 is arranged on a connecting component attached surface 17B of the LED board 17S. The connecting component attached surface 17B is opposite to the surface on which the reflection sheet 21 is overlaid. 59

No. of Pages : 81 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.452/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : SEMICONDUCTOR DEVICE

(51) International classification	:H01L29/786
(31) Priority Document No	:2009-145795
(32) Priority Date	:18/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059736
Filing Date	:09/06/2010
(87) International Publication No	:WO2010/147032
	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)MORIWAKI, HIROYUKI

(57) Abstract :

A semiconductor device comprising a circuit including a plurality of thin film transistors and at least one diode (D2a) , wherein: the plurality of thin film transistors have the same conductivity type; when the conductivity type of the plurality of thin film transistors is an N type, a cathode-side electrode of the diode (D2a) is connected to a line (550) connected to a gate of a selected one of the plurality of thin film transistors; when the conductivity type of the plurality -of thin film transistors, an anode-side electrode of the diode is connected to a line (550) connected to a gate of a selected one of the plurality of thin film transistors; and another diode arranged so that a current flow direction thereof is opposite to that of the diode (D2a) is not formed on the line (550). Thus, it is possible to suppress damage to a thin film transistor due to ESD while suppressing the increase in circuit scale from conventional techniques.

No. of Pages : 167 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.512/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : FOLDING BOX

(51) International classification	:B65D6/18
(31) Priority Document No	:A 1114/2009
(32) Priority Date	:16/07/2009
(33) Name of priority country	:Austria
(86) International Application No	:PCT/AT 2010/000263
Filing Date	:16/07/2010
(87) International Publication No	:WO 2011/006182
(61) Patent of Addition to Application Number	A1
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)FURTNER, JOSEF

(57) Abstract :

The invention relates to a folding box (1), comprising a bottom (2) and several side walls (3), which are rotatably connected to the bottom (2), wherein the bottom (2) has a first concave/convex connection surface (a) and at least one side wall (3) has a second convex/concave connection surface (b), which interacts with the first connection surface (a) in order to connect the at least one side wall (3) to the bottom (2). According to the invention, the bottom (2) has a third concave/convex connection surface (c) and the at least one side wall (3) has a fourth convex/concave connection surface (d), wherein the third and/or the fourth connection surface (c, d) is cylindrical. The third and the fourth connection surfaces (c, d) are arranged in such a way that a sliding of the at least one side wall (3) relative to the bottom (2) in the second direction (x2) is enabled in a first rotational position of the side wall (3) and is prevented in a second rotational position.

No. of Pages : 17 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.549/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : INSTRUMENT DEVICE

(51) International classification	:G01D11/28
(31) Priority Document No	:2009-147580
(32) Priority Date	:22/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/055954
Filing Date	:31/03/2010
(87) International Publication No	:WO 2010/150583
	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)HONDA MOTOR CO., LTD.

(72)Name of Inventor :

1)HORI, TAKASHI

2)MIZUKOSHI, TAKEO

(57) Abstract :

The present invention provides an instrument device which is enhanced a texture while creating a sense of depth by superimposing and stereoscopically disposing a light-guiding member on an indicator panel of the instrument device, and which has a good appearance and a novel visibility when illuminated. An instrument device with a good appearance and novel visibility is provided which includes an indicator panel (5), an instrument main part (2), an indicator needle (4) that is provided to the instrument main part (2), a transparent light-guiding member (6) that is disposed on the indicator panel (5), and a light source (7) that enters light beams into the light-guiding member (6). The light-guiding member is provided with a plurality of light-guiding portions (61) which are provided at the outer circumferential portion of the light-guiding member with predetermined intervals and which reflect light beams from the light source (7) in the direction toward the rotation center of the indicator needle (4), so that portions of the indicator panel (5) shine like strips with predetermined intervals, and the indicator panel (5) and the light-guiding member (6) are illuminated in a stereoscopic manner.

No. of Pages : 32 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.544/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : GROUND MOUNTED SOLAR MODULE INTEGRATION SYSTEM

(51) International classification	:F24J2/52
(31) Priority Document No	:61/229,622
(32) Priority Date	:29/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/043712
Filing Date	:29/07/2010
(87) International Publication No	:WO 2011/014655 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)LEARY, DANIEL P.

(57) Abstract :

Embodiments of the present inventions are directed to systems, devices for use with systems, and method of mounting and retaining solar panels. A solar module mounting system may include: a support mechanism including a support post pivotably attached to a support base, and an attachment module for attaching a solar panel to the support mechanism.

No. of Pages : 63 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/01/2012

(21) Application No.552/CHENP/2012 A

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD FOR THE CONTINUOUS PRODUCTION OF METHYL MERCAPTAN FROM CARBON-CONTAINING COMPOUNDS, SULFUR AND HYDROGEN

(51) International classification	:C07C319/02	(71)Name of Applicant :
(31) Priority Document No	:102009027837.0	1)EVONIK DEGUSSA GMBH
(32) Priority Date	:20/07/2009	Address of Applicant :RELLINGHAUSER STRASSE 1-11,
(33) Name of priority country	:Germany	45128 ESSEN Germany
(86) International Application No	:PCT/EP2010/060322	(72)Name of Inventor :
Filing Date	:16/07/2010	1)BARTH, JAN-OLAF
(87) International Publication No	:WO 2011/009817	2)WECKBECKER, CHRISTOPH
	A1	3)EDLINGSHOFER, HUBERT
(61) Patent of Addition to Application	:NA	4)LERCHER, JOHANNES A.
Number	:NA	5)KAUFMANN, CHRISTOPH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for the continuous production of methyl mercaptan by converting a mixture, which contains carbon-containing compounds, with sulfur and hydrogen, wherein the resulting compounds of carbon disulfide and hydrogen sulfide are subsequently converted to methyl mercaptan.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.555/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD FOR REMOVING AND DRAWING A SYNTHETIC THREAD AND A DEVICE FOR PERFORMING THE METHOD

(51) International classification	:D01D5/12	(71)Name of Applicant :
(31) Priority Document No	:10 2009 034 200.1	1)OERLIKON TEXTILE GMBH & CO. KG
(32) Priority Date	:22/07/2009	Address of Applicant :LEVERKUSER STRASSE 65, 42897
(33) Name of priority country	:Germany	REMSCHIED Germany
(86) International Application No	:PCT/EP2009/062642	(72)Name of Inventor :
Filing Date	:29/09/2009	1)ZENZEN, DIRK
(87) International Publication No	:WO 2011/009497	
	A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method and a device for removing and drawing a synthetic thread to form a fully drawn yarn. The thread is formed by joining a plurality of extruded filaments and is guided by contact on the circumference of heated guide jackets of several driven gallette pairs. In order to obtain a gentle and highly homogenized treatment of the filaments, the thread is guided in an S-shaped or Z-shaped thread course by a first gallette pair having two guide jackets driven in opposite directions during the removal from a spinning zone and before the drawing. Thus, both sides of the thread can be brought directly into circumferential contact with the guide jackets for in order to heat the thread.

No. of Pages : 30 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.560/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : CARBON COMPOSITE AGGLOMERATE FOR PRODUCING REDUCED IRON AND METHOD FOR PRODUCING REDUCED IRON USING THE SAME

(51) International classification	:C21B13/10
(31) Priority Document No	:2009-169719
(32) Priority Date	:21/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/062254
Filing Date	:21/07/2010
(87) International Publication No	:WO 2011/010667
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)FUJITA, KYOICHIRO

4)MISAWA, RYOTA

(57) Abstract :

Provided is a carbon composite briquette which is used as the raw material of a movable hearth furnace for producing reduced iron having a sufficient carbon content and a higher crushing strength, and also provided is a method for producing reduced iron using the carbon composite briquette. The carbon composite briquette for producing reduced iron has a total SiO₂ + Al₂O₃ + CaO + MgO content that is between 7 and 15 mass%; an MgO content that is between 0.1 and 6 mass%; an Al₂O₃/SiO₂ mass ratio that is between 0.34 and 0.52; a CaO/SiO₂ mass ratio that is between 0.25 and 2.0; and a C content such that between 1 and 9 mass% of C is retained in the resulting reduced iron.

No. of Pages : 35 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.603/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : MULTI-STAGE IMPEDANCE MATCHING

(51) International classification :H03F1/56
(31) Priority Document No :61/230,976
(32) Priority Date :03/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/044306
Filing Date :03/08/2010
(87) International Publication No :WO 2011/017368 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)YU ZHAO

3)NATHAN M. PLETCHER

4)ARISTOTELE HADJICHRISTOS

5)PUAY HOE SEE

(57) Abstract :

Exemplary techniques for performing impedance matching are described. In an exemplary embodiment, the apparatus may include an amplifier (e.g., a power amplifier) coupled to first and second matching circuits. The first matching circuit may include multiple stages coupled to a first node and may provide input impedance matching for the amplifier. The second matching circuit may include multiple stages coupled to a second node and may provide output impedance matching for the amplifier. At least one switch may be coupled between the first and second nodes and may bypass or select the amplifier. The first and second nodes may have a common impedance. The apparatus may further include a second amplifier coupled in parallel with the amplifier and further to the matching circuits. The second matching circuit may include a first input stage coupled to the amplifier, a second input stage coupled to the second amplifier, and a second stage coupled to the two input stages via switches.

No. of Pages : 29 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.408/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :11/01/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : DEVICE HAVING A HEIGHT ADJUSTABLE CARGO BED FOR A CARGO COMPARTMENT OF A VEHICLE AND HOLDING UNIT FOR A HEIGHT ADJUSTABLE CARGO BED OF A VEHICLE

(51) International classification	:B60R5/04
(31) Priority Document No	:10 2009 032 892.0
(32) Priority Date	:13/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/003769
Filing Date	:23/06/2010
(87) International Publication No	:WO 2011/006577
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)OMMEN, GERD
3)WEHLAUER, UDO

(57) Abstract :

The invention relates to a device having a height adjustable cargo bed for a cargo compartment of a vehicle, in particular of a motor vehicle, wherein the cargo bed (5; 5') can be arranged in defined, different height positions in the cargo compartment. According to the invention, the cargo bed (5; 5') is designed at the same time as a reversible bed such that said cargo bed can be arranged in the different height positions both in the reversed state and in the non-reversed state. The invention furthermore relates to an advantageous holding unit, to a cargo bed and to an arrangement of a height adjustable cargo bed in a cargo compartment of a vehicle.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.501/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : AUTHENTICATION OF DATA STREAMS

(51) International classification :G11B20/00
(31) Priority Document No :61/232/295
(32) Priority Date :07/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/004827
Filing Date :06/08/2010
(87) International Publication No :WO 2011/015369
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)GROESCHEL, ALEXANDER

3)HOERICH, HOLGER

4)HOMM, DANIEL

5)SCHILDBACH, WOLFGANG A.

6)SCHUG, MICHAEL

7)WATZKE, OLIVER

8)WOLTERS, MARTIN

9)ZIEGLER, THOMAS

(57) Abstract :

The present invention relates to techniques for authentication of data streams. Specifically, the invention relates to the insertion of identifiers into a data stream, such as a Dolby Pulse, AAC or HE AAC bitstream, and the authentication and verification of the data stream based on such identifiers. A method and system for encoding a data stream comprising a plurality of data frames is described. The method comprises the step of generating a cryptographic value of a number N of successive data frames and configuration information, wherein the configuration information comprises information for rendering the data stream. The method then inserts the cryptographic value into the data stream subsequent to the N successive data frames.

No. of Pages : 51 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.545/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : GLASS COMPOSITIONS AND FIBERS MADE THEREFROM

(51) International classification	:C03C3/087
(31) Priority Document No	:12/534,490
(32) Priority Date	:03/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/044275
Filing Date	:03/08/2010
(87) International Publication No	:WO 2011/017343 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)LI, HONG
2)WATSON, JAMES C.

(57) Abstract :

Embodiments of the present invention provides fiberizable glass compositions formed from batch compositions comprising significant amounts of one or more glassy minerals, including perlite and/or pumice.

No. of Pages : 40 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.548/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : APPARATUS AND METHOD FOR PRODUCING REDUCED IRON FROM ALKALI-CONTAINING IRONMAKING DUST SERVING AS MATERIAL

(51) International classification	:C21B13/10
(31) Priority Document No	:2009-169718
(32) Priority Date	:21/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/062256
Filing Date	:21/07/2010
(87) International Publication No	:WO 2011/010669
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)SUGIYAMA, TAKESHI

2)YOSHIDA, SHOHEI

3)FUJITA, KYOICHIRO

4)MISAWA, RYOTA

(57) Abstract :

Provided is a movable hearth furnace for thoroughly-removing alkali metal elements and producing high-strength reduced iron when producing reduced iron using iron production dust containing alkali metal elements in a movable hearth furnace. The movable hearth furnace comprises: a reduction zone for heating and reducing a carbon composite briquette (C) to produce a reduced briquette (D) having an iron metallization rate of 80% or greater; an alkali removal zone, disposed after the reduction zone, for heating the reduced briquette in a reducing atmosphere and removing the alkali metal elements from the reduced briquette to obtain an alkali-free reduced briquette; and a strengthening zone, disposed after the alkali removal zone, for heating the alkali-free reduced briquette in an oxidizing atmosphere and raising the crushing strength of the alkali-free reduced briquette to produce reduced iron product.

No. of Pages : 57 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.632/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : FUZZY PROXIMITY BOOSTING AND INFLUENCE KERNELS

(51) International classification :G06F17/30
(31) Priority Document No :12/506,092
(32) Priority Date :20/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/042089
Filing Date :15/07/2010
(87) International Publication No :WO 2011/011254 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)EDALA, NARASIMHA
2)LORITZ, DONALD

(57) Abstract :

A method and apparatus are provided for ranking documents according to relevancy scoring. In one implementation, a computer-implemented method is provided for receiving, from a database over a network, a document resulting from a search on a database, the document containing terms that match the search criteria. The method may calculate a standard deviation of a probability distribution function representing a distribution of the terms in the document that match the search criteria. The method may further determine relative distances between the terms in the document that match the search criteria according to the standard deviation. The method may further calculate a proximity boost value using the relative distances, and apply the proximity boost value to a base relevancy score of the document to determine a relevancy ranking. The document may then be ranked according to the relevancy ranking.

No. of Pages : 28 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.551/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD FOR THE SEPARATION OF ACETONITRILE FROM WATER

(51) International classification :C07D301/12
(31) Priority Document No :61/226,116
(32) Priority Date :16/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/060310
Filing Date :16/07/2010
(87) International Publication No :WO 2011/006990
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)TELES, JOAQUIM, HENRIQUE

2)GOBBEL, HANS-GEORG

3)BASSLER, PETER

4)KAMPE, PHILIP

5)GUMLICH, KAI

6)BARTOSCH, CHRISTIAN

7)MULLER, ULRICH

8)JACUBINAS, RICHARD

9)TRUKHAN, NATALIA

10)WEIDENBACH, MEINOLF

11)COGSWELL, MARTIN

(57) Abstract :

A method for separating acetonitrile from water, comprising (i) providing a stream S 1 containing at least 95 wt.-%, based on the total weight of S 1, acetonitrile and water, wherein the weight ratio of acetonitrile: water is greater than 1; (ii) adding a stream P, comprising at least 95 wt.-% C3, based on the total weight of stream P. to S 1 to obtain a mixed stream S2, C3 being propene optionally admixed with propane with a minimum weight ratio of propene : propane of 7:3; (iii) subjecting S2 to a temperature of 92 °C at most and a pressure of at least 10 bar, obtaining a first liquid phase E1 essentially consisting of C3, acetonitrile, and water, and a second liquid phase E2 essentially consisting of water and acetonitrile wherein the weight ratio of acetoni - trile : water in E2 is less than 1; (iv) separating E1 from E2.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.643/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : SOLAR CELL, SOLAR CELL WITH INTERCONNECTION SHEET ATTACHED AND SOLAR CELL MODULE

(51) International classification	:H01L31/042
(31) Priority Document No	:2009-147903
(32) Priority Date	:22/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060480
Filing Date	:21/06/2010
(87) International Publication No	:WO 2010/150749
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)TSUNEMI, AKIKO

2)SAINOO, YASUSHI

3)NISHINA, TOMOHIRO

(57) Abstract :

Disclosed are a solar cell (8), a solar cell with interconnection sheet attached, and a solar cell module wherein a surface of an electrode for first conductive type (6) is covered with a migration suppressing layer (20) for preventing a metal forming electrode for first conductive type (6) from precipitating, and at least one of a surface of migration suppressing layer (20) covering electrode for first conductive type (6) and a surface of electrode for second conductive type (7) is covered with an insulating member (16). Also disclosed are a solar cell with interconnection sheet attached and a solar cell module wherein a surface of wiring for first conductive type (12) is covered with migration suppressing layer (20) for preventing a metal forming wiring for first conductive type (12) from precipitating, and at least one of a surface of migration suppressing layer (20) covering wiring for first conductive type (12) and a surface of wiring for second conductive type (13) is covered with insulating member (16).

No. of Pages : 47 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.646/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : FILTRATION MEDIA CLEANSING APPARATUS

(51) International classification	:B01D41/02
(31) Priority Document No	:2009-157551
(32) Priority Date	:02/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/004308
Filing Date	:30/06/2010
(87) International Publication No	:WO 2011/001674
	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)SAITO, YASUHIRO

(57) Abstract :

To improve the durability of a filtration media cleansing apparatus that cleanses filtration media for purifying liquids. [Constitution] A cleansing apparatus (1) is equipped with: an upright outer cylinder (2) ; a screw conveyor (4) provided within the outer cylinder (2) so as to be rotatable, equipped with a spiral blade (18) for conveying filtration media introduced through an inlet (36) at the lower end of the outer cylinder (2) upward to an outlet (60) at the upper end of the outer cylinder (2) while scrubbing the filtration media; a drive section (6) that rotationally drives the screw conveyor (4); a control section (30) that controls the rotation of-the drive section (6); an introducing pipe (38) that introduces the filtration media into the outer cylinder (2), and an expelling pipe (61) that expels the scrubbed filtration media from within the outer cylinder (2) to a filtration tank. A regulating blade (19) that regulates upward movement of the filtration media is provided above the outlet (60) coaxially with the screw conveyor (4) and about the periphery of a central shaft (20) thereof. A cleansing liquid introducing aperture (70) is provided above the regulating blade (19) within the outer cylinder (20).

No. of Pages : 36 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.650/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : POLYALKYLENE GLYCOLS USEFUL AS LUBRICANT ADDITIVES FOR GROUPS I-IV HYDROCARBON OILS

(51) International classification	:C10M145/34
(31) Priority Document No	:61/227,833
(32) Priority Date	:23/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/043001
Filing Date	:23/07/2010
(87) International Publication No	:WO 2011/011656 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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1)GREAVES, MARTIN
2)VANVOORST, RONALD
3)MEERTENS, MARINUS
4)KHELIDJ, NADJET
5)ZAUGG-HOOZEMANS, EVELYN

(57) Abstract :

Certain polyalkylene glycols, useful as lubricant additives, are soluble with all four types of hydrocarbon base oils (Groups 1-1V) at a wide variety of ratios of oil to polyalkylene glycol and under a variety of conditions. These polyalkylene glycols are prepared by reacting a C8-C20 alcohol and a mixed butylene oxide/propylene oxide feed, wherein the ratio of butylene oxide to propylene oxide ranges from 3:1 to 1:1. The invention provides a means of providing desirable lubricant compositions which may pose fewer environmental problems.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.653/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : KEYWORD ASSIGNMENT TO A WEB PAGE

(51) International classification :G06F17/30
(31) Priority Document No :12/512,702
(32) Priority Date :30/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/042496
Filing Date :20/07/2010
(87) International Publication No :WO 2011/014381 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)SARIT MUKHERJEE
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4)SUNGHWAN IHM

(57) Abstract :

A method, system and apparatus for a assigning keywords to a web page using keyword data from the web page itself, web pages having links pointing to the web page, and web pages pointed to by a link in the web page, wherein the keyword data from the multiple web pages is processed to provide a relevant set of keyword data for the web page.

No. of Pages : 32 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.676/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/01/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : COMPOSITION FOR TREATMENT OF TUBERCULOSIS

(51) International classification :A61K31/341
(31) Priority Document No :09163765.2
(32) Priority Date :25/06/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/059044
Filing Date :25/06/2010
(87) International Publication No :WO 2010/149761
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)GITZINGER, MARC
4)FUSSENEGGER, MARTIN
5)TIGGES, MARCEL
6)SCHNEIDER, PETER

(57) Abstract :

The invention relates to a pharmaceutical composition comprising a compound of formula (1) wherein R' is optionally substituted phenyl, optionally substituted pyridyl or optionally substituted indolyl; R2 is (CH2)ⁿ wherein n is 0,1,2,3 or 4; R3 is (C112)^m R3A wherein m is 0,1,2,3 or 4, and R3A is methyl, isopropyl, tert-butyl, 0C113, OH, optionally substituted phenoxy, CCH, CN, optionally substituted phenyl, thranyl or thienyl; A is a ring containing X' with the meaning 0, S, NH, N(C113) or C1 12 and X2 is 0, S or NH; and a compound of formula (2) wherein R4 is optionally substituted phenyl, optionally substituted pyridyl, optionally substituted indolyl, -NR7R8 or -NFT-NCH-R9 and substituents R5 to R9 have the meanings indicated in the description, in particular ethionamide, The pharmaceutical composition is useful, e.g., in the treatment of multidrug-resistant tuberculosis.

No. of Pages : 53 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.679/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/01/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : FILE SYSTEM

(51) International classification	:G06F17/30
(31) Priority Document No	:61/269,633
(32) Priority Date	:26/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/040058
Filing Date	:25/06/2010
(87) International Publication No	:WO 2010/151813 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)BEAVERSON, ARTHUR, J.
2)BOWDEN, PAUL

(57) Abstract :

A digitally signed file system in which data, metadata and files are objects, each object having a globally unique and content-derived fingerprint and wherein object references are mapped by the fingerprints; the file system has a root object comprising a mapping of all object fingerprints in the file system, such that a change to the file system results in a change in the root object, and tracking changes in the root object provides a history of file system activity.

No. of Pages : 98 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.682/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/01/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD FOR SUPPRESSING ADHESION OF ASH AND DEVICE FOR SUPPRESSING ADHESION OF ASH IN BOILER

(51) International classification	:F23C1/00
(31) Priority Document No	:2009-170771
(32) Priority Date	:22/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/062379
Filing Date	:22/07/2010
(87) International Publication No	:WO 2011/010704
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)AKIYAMA, KATSUYA
2)PAK, HAEYANG

(57) Abstract :

In order to stably operate a boiler using several kinds of solid fuels including depleted ash as fuels, adhesion of ash is suppressed. A calculator (9) preliminarily collects properties of a solid fuel, such as the content rate of ash and the composition of an ash constituent, as data (8). The calculator (9) uses the mix ratio of solid fuels as a parameter and calculates the composition of an ash constituent of the mixed fuels on the basis of the preliminarily measured composition of the ash constituent of each solid fuel. The calculator (9) determines a reference value of the rate of slug by which the ash deposition ratio is reduced on the basis of the relationship between the preliminarily measured ash deposition ratio and the slag ratio. Further, the calculator (9) calculates the mix ratio of each solid fuel using a thermodynamic equilibrium calculation so as to obtain an ash composition in which the slag ratio is not more than the determined reference value. On the basis of the mix ratio of each solid fuel calculated by the calculator (9), the amount of solid fuel dispensed from hoppers (1, 2) is adjusted by a fuel supply amount adjusting device (3). Thus, each solid fuel, the dispensed amount of which has been adjusted, is mixed by a mixer (4) and crushed by a crusher (5) before being supplied to a boiler (7) as a fuel and burned by a burner (6).

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.550/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : CHEWABLE DRUG

(51) International classification	:A61K9/20
(31) Priority Document No	:61/220,111
(32) Priority Date	:24/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2009/055041
Filing Date	:26/08/2009
(87) International Publication No	:WO 2010/151275 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)DAVIS, JUDY

(57) Abstract :

A chewable composition for delivering pharmaceutical compounds. The chewable composition includes a drug delivery vehicle and an active pharmaceutical ingredient. The delivery vehicle may include an organic or non-organic gummy candy. The active ingredient may include an over-the-counter drug or a prescription drug to provide a desired effect on the user. In addition to the active pharmaceutical ingredient, the chewable composition may also include any combination of nutraceuticals, vitamins, minerals, antioxidants, soluble and insoluble fiber, herbs, plants, amino acids, and digestive enzymes.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.553/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : WATER PRODUCING SYSTEM

(51) International classification	:C02F1/44
(31) Priority Document No	:2009-169818
(32) Priority Date	:21/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058523
Filing Date	:20/05/2010
(87) International Publication No	:WO 2011/010500
	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)SUZUKI, HIRONOBU

3)TANIGUCHI, MASAhide

(57) Abstract :

To provide a water producing system that produces fresh water by treating treatment target water A at a first semipermeable membrane treatment plant 2, that mixes concentrate resulted by the treatment carried out at the first semipermeable membrane treatment plant 2 with treatment target water B, and that treats the mixed water at a second semipermeable membrane treatment plant 3 to produce fresh water, characterized in provision of a bypass line that allows the treatment target water A to be mixed with the treatment target water B or the concentrate while bypassing the first semipermeable membrane treatment plant 2, so that the second semipermeable membrane treatment plant 3 can operate even when any trouble occurs at the first semipermeable membrane treatment plant 2 and treatment cannot be carried out thereby.

No. of Pages : 63 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.630/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : FISHING BOAT AND METHOD FOR CATCHING FISH

(51) International classification :B63B35/14
(31) Priority Document No :61/271,223
(32) Priority Date :20/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2010/001094
Filing Date :16/07/2010
(87) International Publication No :WO 2011/009194 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)PANOVIC, VLATKO

(57) Abstract :

The present invention relates to a multi-hull fishing boat having a bow, a stem opposite the bow and a bottom. The boat includes a pair of spaced-apart pontoons operatively connected together. The boat includes a first gate near the bow of the boat configured to selectively extend across the space between the pair of pontoons. The boat includes a second gate near the stern of the boat configured to selectively extend across the space between the pair of pontoons. The boat includes a third gate configured to selectively extend across the space between the pair of pontoons by the bottom of the boat. The first gate, the second gate, the third gate and the pair of pontoons form an enclosure for trapping fish.

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : CATHETER ASSEMBLY WITH RESEALABLE OPENING

(51) International classification :A61M25/00
(31) Priority Document No :61/240,084
(32) Priority Date :04/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/062927
Filing Date :03/09/2010
(87) International Publication No :WO 2011/026930
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)FROJD, GORAN

(57) Abstract :

A catheter assembly is disclosed comprising a catheter, preferably having a hydrophilic surface coating; and a package accommodating said catheter. The package preferably also accommodates a wetting fluid. The package comprises: a first and a second sheet material connected around the edges; a perforation line extending along a non-closed loop in one of said sheet materials, said perforation line defining a flap opening; a third sheet material connected by means of an adhesive over said flap opening, where in said third sheet material with a margin covers the entire flap opening. The adhesive is adapted to maintain a sterile closure of the package before use, and to be resealable after use. Further, the third sheet material forms a tab not provided with adhesive, said tab providing a grip portion for peel opening of the package.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :19/01/2012

(21) Application No.683/CHENP/2012 A

(43) Publication Date : 22/03/2013

(54) Title of the invention : LIQUID CRYSTAL DISPLAY PANEL AND PROCESS FOR PRODUCTION THEREOF

(51) International classification :G02F1/1337
(31) Priority Document No :2009-162121
(32) Priority Date :08/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/002091
Filing Date :24/03/2010
(87) International Publication No :WO 2011/004519
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)MASANOBU MIZUSAKI
3)YOUHEI NAKANISHI

(57) Abstract :

To provide a liquid crystal display panel that has high contrast and reduced display deficiency, a liquid crystal display panel of the present invention includes: a pair of substrates (1) and (2) facing each other; and a liquid crystal layer (3) sandwiched between the pair of substrates (1) and (2), the pair of substrates (1) and (2) being provided with a pair of respective alignment films (4) and (5) formed thereon and facing each other, the pair of alignment films (4) and (5) being provided with respective polymer films (6) and (7) formed thereon and each made of a monomer in the liquid crystal layer (3), the pair of alignment films (4) and (5) containing a macromolecular compound having a side chain containing a fluorine atom, the liquid crystal layer (3) containing a polymerizable monomer represented by at least one of General Formulae (1) through (3), the polymer films (6) and (7) each being made of the polymerizable monomer represented by at least one of General Formulae (1) through (3), the polymer films (6) and (7) and the side chain containing the fluorine atom attracting each other through interaction.

No. of Pages : 55 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.670/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/01/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : BI-DIRECTIONAL BATTERY VOLTAGE CONVERTER

(51) International classification	:H02J7/34
(31) Priority Document No	:61/230,296
(32) Priority Date	:31/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/043611
Filing Date	:29/07/2010
(87) International Publication No	:WO 2011/014595 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)BRABEC, LADISLAUS JOSEPH

(57) Abstract :

A method of charging batteries in a vehicle electrical system having a system bus, a first switch selectively connecting a first battery with the system bus, a second switch selectively connecting a second battery with the system bus, and a controller monitoring a voltage of the vehicle electrical system and controlling opening and closing the first switch and the second switch. The method includes closing the first switch and opening the first switch if the voltage of the vehicle electrical system traverses a threshold value. The method also includes closing the second switch and opening the second switch if the voltage of the vehicle electrical system traverses the threshold value.

No. of Pages : 44 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.677/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/01/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD AND DEVICE FOR PRODUCING STEEL STRIPS BY MEANS OF BELT CASTING

(51) International classification :B22D11/06
(31) Priority Document No :10 2009 031 236.6
(32) Priority Date :26/06/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2010/000551
Filing Date :07/05/2010
(87) International Publication No :WO 2010/149125 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)EICHHOLZ, HELLFRIED
2)WANS, JOCHEN
3)SPITZER, KARL-HEINZ
4)HECKEN, HANS-JURGEN

(57) Abstract :

The invention relates to a method and a device for producing steel strips by means of belt casting, wherein a molten metal is output from a feed vessel onto a circulating casting belt of a horizontal belt casting system under protective gas by means of a gutter and siphon like outlet area designed as a casting nozzle. According to the method, at least one plasma jet, which renders the area of action inert and heats the area of action, influences the outlet-side area of the casting nozzle and the molten metal exiting there from at least during the casting process. For this purpose, at least one plasma torch, which produces a plasma jet and is directed at the outlet area of the casting nozzle in a direction opposite the casting direction, is provided according to the device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.680/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/01/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : POLYIMIDE MEMBRANES MADE OF POLYMERIZATION SOLUTIONS

(51) International classification	:B01D71/64
(31) Priority Document No	:A1164/2009
(32) Priority Date	:23/07/2009
(33) Name of priority country	:Austria
(86) International Application No	:PCT/EP2010/060648
Filing Date	:22/07/2010
(87) International Publication No	:WO 2011/009919
	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)UNGERANK, MARKUS
2)BAUMGARTEN, GOETZ

(57) Abstract :

The invention relates to polyimide membranes and to a phase inversion method for the production thereof. The polyimide membranes can be used to separate different gas mixtures.

No. of Pages : 53 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.705/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : SUPPORT STRUCTURE FOR CONTAINER HANDLING MACHINES

(51) International classification :B67C3/22

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/IT2009/000325
Filing Date :21/07/2009

(87) International Publication No :WO 2011/010331
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)ZONI, ROBERTO

(57) Abstract :

A Support structure (1; 200) for container handling machines, comprising a single-piece assembled table (2; 202) having a first wall (3; 203) provided with a plurality of first support housings (53; 253) and a second wall (4; 204) opposite to said first wall (3; 203) with respect to a plane (P) of reference of said table (2; 202). Said second wall (4; 204) is provided with a plurality of second support housings (54; 254) arranged in a mirror-like manner to said first support housings (53; 253) with respect to said plane () of reference, the first and second support housings being alternatively associable to a handling machine or to a floor-standing bearing (5; 155), whereby the support structure (1; 200) can be overturned for defining altered layouts.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7051/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/09/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : BIOSENSOR WITH PREDETERMINED DOSE RESPONSE CURVE AND METHOD OF MANUFACTURING

(51) International classification	:G01N33/487
(31) Priority Document No	:12/413,778
(32) Priority Date	:30/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/001857
Filing Date	:25/03/2010
(87) International Publication No	:WO 2010/112168
	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)GROLL, HENNING

(57) Abstract :

The present invention provides a system of biosensors whose dose-response curves are maintained within a predetermined and desired range or tolerance during production by selecting a feature of the biosensors that can be varied during production. For example, in one exemplary embodiment the effective area of the working electrode of an electrochemical biosensor can be varied during production as needed to offset variations that occur, e.g., in the reagent of the biosensors as production proceeds. In another exemplary embodiment, the dose-response curve of biosensors not yet produced can be predicted and one or more features of these biosensors can be selected to maintain the dose-response curve within a predetermined range or tolerance.

No. of Pages : 46 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.644/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : METAL BONDED GRINDING STONE, AND METHOD OF MANUFACTURING THE SAME

(51) International classification	:B24D3/06
(31) Priority Document No	:2009-170010
(32) Priority Date	:21/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/062257
Filing Date	:21/07/2010
(87) International Publication No	:WO 2011/010670
	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)UNNO, NAOHIDE
5)SUGIYAMA, HIROSHI
6)NAMBA, NORIYUKI

(57) Abstract :

A metal bonded grinding stone is manufactured by heating and pressurizing a material including abrasive grains, a cobalt, a tungsten disulfide and a copper tin alloy to obtain a sintered product, and rapid-cooling the sintered product.

No. of Pages : 44 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.649/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : NANOPARTICULATE OLMESARTAN MEDOXOMIL COMPOSITIONS, PROCESS FOR THE PREPARATION THEREOF AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM

(51) International classification :A61K9/14
(31) Priority Document No :P0900384
(32) Priority Date :19/06/2009
(33) Name of priority country :Hungary
(86) International Application No :PCT/HU2010/000072
Filing Date :18/06/2010
(87) International Publication No :WO 2010/146408 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)FILIPCSEI, GENOVEVA
2)OTVOS, ZSOLT
3)PONGRACZ, KATALIN
4)DARVAS, FERENC

(57) Abstract :

The present invention is directed to nanostructured (nanoparticulated) Olmesartan or its pharmaceutically acceptable ester, preferable Olmesartan Medoxomil, or co-crystal compositions, process for the preparation thereof and pharmaceutical compositions containing them. The nanoparticles of Olmesartan or its pharmaceutically acceptable ester, preferable Olmesartan Medoxomil, or co-crystal according to the invention have an average particle size of less than about 500 nm. Olmesartan Medoxomil is an angiotensin II receptor antagonist used to treat high blood pressure. The product Olmesartan Medoxomil is marketed worldwide by Daiichi Sankyo, Ltd. and in the United States by Daiichi Sankyo,

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.671/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/01/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : CATHETER WITH CUSTOMIZABLE CONNECTOR

(51) International classification	:A61M25/01
(31) Priority Document No	:09169510.6
(32) Priority Date	:04/09/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/062925
Filing Date	:03/09/2010
(87) International Publication No	:WO 2011/026929
	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)FROJD, GORAN

(57) Abstract :

A catheter, and preferably a urinary catheter, is disclosed, comprising an elongate shaft (3) with a catheter insertion end and a flared connector (2) connected to the elongated shaft opposite to the catheter insertion end. The flared connector forms a catheter connector end (21). Further, a gripping sleeve (4) is fixedly connected to the flared connector, and arranged to enclose at least part of, and preferably essentially the whole, flared connector, apart from the catheter connector end. Hereby, a standard catheter can easily be customized for various use situations and users with different needs, in terms of e.g. gripping and manipulation possibilities. A method for producing such a customized catheter is also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.678/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :19/01/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : NANOPARTICULATE CANDESARTAN CILEXETIL COMPOSITIONS

(51) International classification :A61K9/14
(31) Priority Document No :P0900376
(32) Priority Date :19/06/2009
(33) Name of priority country :Hungary
(86) International Application No :PCT/HU2010/000073
Filing Date :18/06/2010
(87) International Publication No :WO 2010/146409 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)OTVOS, ZSOLT
3)PONGRACZ, KATALIN
4)DARVAS, FERENC

(57) Abstract :

The present invention is directed to nanostructured (nanoparticulated) Candesartan or its pharmaceutically acceptable ester, preferable Candesartan Cilexetil, or co-crystal compositions, process for the preparation thereof and pharmaceutical compositions containing them. The nanoparticles of Candesartan or its pharmaceutically acceptable ester, preferable Candesartan Cilexetil, or co-crystal according to the invention have an average particle size of less than about 500 nm. Candesartan Cilexetil is a prodrug, is hydrolyzed to Candesartan during absorption from the gastrointestinal tract. Candesartan is a selective ATI subtype angiotensin H receptor antagonist.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.709/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : APPARATUS AND METHOD FOR POST-THRESHING INSPECTION AND SORTING OF TOBACCO LAMINA

(51) International classification :B07C5/00
(31) Priority Document No :12/586,184
(32) Priority Date :18/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/002543
Filing Date :16/09/2010
(87) International Publication No :WO 2011/034602 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)FUNK, PETER

5)SCHUSTER, FRANK

6)LEIDECKER, CLIFF, J.

7)HIGGINS, THOMAS, J.

(57) Abstract :

An apparatus and method for post-threshing inspection and sorting of tobacco lamina is described and which includes a separation conduit which receives a source of post-threshed tobacco lamina and other contaminants for inspection and sorting, and wherein a source of pressurized air causes the tobacco lamina to move along the separation conduit past an inspection station where it is optically inspected to identify undesirable tobacco lamina of other contaminants; and a downstream reject station is provided which responds to a sorting signal provided by the inspection station and which removes unwanted or undesirable tobacco lamina and other contaminants from an air stream so as to provide a resulting product which is substantially free from contaminants or other defects.

No. of Pages : 50 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.711/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : TUBE-SHAPED SOUND-ABSORBING INSULATING ELEMENT

(51) International classification :F01N13/18
(31) Priority Document No :10 2009 030 258.1
(32) Priority Date :23/06/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/058952
Filing Date :23/06/2010
(87) International Publication No :WO 2010/149723
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)FUHRMANN, BERND

(57) Abstract :

The invention relates to an exhaust system (4) composed of a plurality of components for an internal combustion engine (2) for connecting to a manifold (3). The exhaust system (3) comprises at least one first section (41), which is provided indirectly or directly after the manifold (3) in the flow direction, and a second section (42), which is directly adjacent thereto in the flow direction, wherein the two sections (41, 42) are connected to each other by a mechanical decoupling element (40). The resonant oscillations in the range above 600 Hz are to be attenuated in the exhaust system (4) by more than 15 dB and, at the same time, the exhaust system (4) is to be sufficiently rigid and self-supporting and designed to be lastingly gas-tight. For this purpose, a single-walled and self-supporting acoustic insulating element (1) is integrated in the exhaust system (3) in the flow direction upstream of; or in, the first section (41), wherein the acoustic insulating element (1) comprises at least one inner connecting piece (10) and at least one outer connecting piece (15), which is offset toward the outside from a central line (14) in the radial direction, and a compressed central part (12) is provided, which is disposed between the two connecting pieces (10, 15) and connects the two connecting pieces (10,15) and which forms a stop (120) having a U- or S-shaped cross-section.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.8527/CHENP/2011 A

(43) Publication Date : 22/03/2013

(54) Title of the invention : REMOTELY RECONFIGURABLE POWER AMPLIFIER SYSTEM AND METHOD

(51) International classification	:G06F9/445
(31) Priority Document No	:61/172,462
(32) Priority Date	:24/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032453
Filing Date	:26/04/2010
(87) International Publication No	:WO 2010/1242978
	A8
(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 system and method for remotely monitoring, communicating with, and reconfiguring power amplifier systems. A communications link is provided in field- deployed PA systems, for enabling remote communication with appropriate digital components such as microprocessors or other communications-capable portions of the power amplifier systems. The communications link permits operating parameters of the PA to be monitored and sent back to a remote terminal such as a web server or other computer mainframes via any suitable wired or wireless connection including internet, Ethernet, wireless, WiFi, WiMAX, cellular, local area networks (LAN), wide area networks (WAN), Bluetooth, and so forth. The communication is bi-directional, so that the remote host can download to the PA updates, cMobile operators and/or other service providers can reduce significant operating and capital expenses related to their radio networks maintenance and PA replacement by practicing this invention. A RF-digital hybrid mode power amplifier system for achieving high efficiency and high linearity in wideband communication systems is disclosed. The present invention is based on the method of adaptive digital predistortion to linearize a power amplifier in the RF domain. The power amplifier characteristics such as variation of linearity and asymmetric distortion of the amplifier output signal are monitored by the narrowband feedback path and controlled by the adaptation algorithm in a digital module. Therefore, the present invention could compensate the nonlinearities as well as memory effects of the power amplifier systems and also improve performances, in terms of power added efficiency, adjacent channel leakage ratio and peak-to-average power ratio. The present disclosure enables a power amplifier system to be field reconfigurable and support multi-modulation schemes (modulation agnostic), multi-carriers and multi-channels. As a result, the digital hybrid mode power amplifier system is particularly suitable for wireless transmission systems, such as base-stations, repeaters, and indoor signal coverage systems, where baseband I-Q signal information is not readily available. END OF APPENDIX A - CLAIMS AND ABSTRACT OF THE PRESENT CASE ARE PRESENTED ON THE FOLLOWING PAGES.

No. of Pages : 51 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.707/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : BI-DIRECTIONAL BATTERY VOLTAGE CONVERTER

(51) International classification	:H02J7/34
(31) Priority Document No	:61/230,296
(32) Priority Date	:31/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/043613
Filing Date	:29/07/2010
(87) International Publication No	:WO 2011/014597 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)BRABEC, LADISLAUS, JOSEPH

(57) Abstract :

A method of balancing current in a vehicle electric system having a system bus, a first battery, a first bi-directional battery voltage converter selectively transferring a first current between the first battery and the system bus, a second battery, a second bi-directional battery voltage converter selectively transferring a second current between the second battery and the system bus, and a controller controlling the first bi-directional battery voltage converter and the second bi-directional battery voltage converter. The method includes sensing the first current and sensing the second current. The first bi-directional battery voltage converter and the second bi-directional battery voltage converter are controlled so that the first current and the second current are equal portions of a load current supplied to an electrical load connected to the system bus.

No. of Pages : 43 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8518/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :18/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD FOR MANUFACTURING A BUNDLE OF PLATES FOR HEAT EXCHANGER

(51) International classification :F28D9/00
(31) Priority Document No :0953264
(32) Priority Date :18/05/2009
(33) Name of priority country :France
(86) International Application No :PCT/FR2010/050945
Filing Date :17/05/2010
(87) International Publication No :WO 2010/133791
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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7)BUSSONNET, PIERRE-XAVIER

8)BOURGEON, ALAIN

(57) Abstract :

The invention relates to a method for manufacturing a bundle of plates (40) for a heat exchanger made up of a stack of plates (41). The method consists of reducing by machining the initial thickness of each plate (41) by making at least at the periphery of the plate (41), at least one connecting shoe (45) having a height greater than the thickness of the machined plate (41), forming on the central portion of the plate (41), corrugations (42), to be superposed pairwise on the plates (41), connecting the shoes (45) in contact with the plates (41) of each pair through a weld bead (50), superposing the pairs of plates (41) and connecting the shoes (45) in contact with the pairs of plates (41) through a sealed weld bead (50) by arranging a superposition of open or closed ends for alternate inflow or outflow of said fluid. .

No. of Pages : 19 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8519/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :18/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : MICROWAVE HEATING DEVICE AND MICROWAVE HEATING METHOD

(51) International classification :H05B6/68
(31) Priority Document No :2009-120587
(32) Priority Date :19/05/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/003293
Filing Date :17/05/2010
(87) International Publication No :WO 2010/134307
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)NOBUE, TOMOTAKA
4)OOMORI, YOSHIHARU

(57) Abstract :

In order to provide a microwave heating device and a microwave heating method, which can surely prevent a microwave generating part from being destroyed by reflected power and which can heat a heating-target portion in a heating chamber with high efficiency, the present invention is configured such that, prior to a control part (1), which receives a reflected power signal and a supply power signal from a power detecting part (4), starting a heating operation to an object (15) to be heated in a heating chamber (7), the control part (1) executes a frequency sweep operation of a prescribed frequency band with frequency sweep power lower than rated supply power supplied to a power feeding part (5) during the heating operation, to thereby set an oscillation frequency at which the minimum reflected power becomes minimum, and to control an oscillation frequency of an oscillator part (2) and an output of a power amplifier part (3).

No. of Pages : 78 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :18/11/2011

(21) Application No.8522/CHENP/2011 A

(43) Publication Date : 22/03/2013

(54) Title of the invention : DRY POWDER INHALERS

(51) International classification :A61M15/00
(31) Priority Document No :61/179,220
(32) Priority Date :18/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/035280
Filing Date :18/05/2010
(87) International Publication No :WO 2010/135340 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)WANG, ZHAOLIN
5)ROBISON, THOMAS S
6)DOMROESE, MICHAEL K
7)WALBURG, BLAKE D

(57) Abstract :

Dry powder inhalers and dry powder inhaler storage cassettes including a compartment housing an elongate carrier preloaded with a plurality of doses of finely divided powder comprising a biologically active substance, the compartment being configured such that said preloaded doses are sealed within said compartment and such that the carrier may be advanced from the compartment to the chamber through an exit provided with a moisture barrier sealing system, wherein the moisture barrier sealing system is configured and arranged such that it is relaxable during advancement of the carrier, said sealing system being in sealing configuration prior to an advancement of the carrier, relaxed upon an advancement of the carrier and returned to its sealing configuration at the latest after release of the powder associated with said area of the carrier.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8426/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :16/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : GUIDEWIRE AND ABLATION CATHETER SYSTEM WITH BALLOON

(51) International classification :A61M25/01
(31) Priority Document No :2009-120999
(32) Priority Date :19/05/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/058318
Filing Date :18/05/2010
(87) International Publication No :WO 2010/134504
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)MATSUKUMA, AKINORI
3)YAGI, TAKAHIRO

(57) Abstract :

Provided is a guide wire for an ablation catheter with a balloon in order to prevent the tip of the guide wire from being mistakenly heated when ablation treatment is performed using the ablation catheter with the balloon and the guide wire. Specifically provided is a guide wire, wherein a deformed portion formed by bending and/or curving the guide wire is located in the region of 20-100mm from the tip in the longitudinal direction of the guide wire, and in the deformed portion, the shortest distance between the central axis in the longitudinal direction of the guide wire and a point that is the farthest in the direction perpendicular to the central axis is longer than or equal to the minimum inside diameter of a lumen of a catheter shaft of an ablation catheter with a balloon used in combination with the guide wire, and shorter than or equal to 40 mm.

No. of Pages : 44 No. of Claims : 5

(54) Title of the invention : ANTI INFLAMMATORY COMPOSITION CONTAINING MACROLACTIN A AND A DERIVATIVE THEREOF AS ACTIVE INGREDIENTS

(51) International classification :A61K31/335
 (31) Priority Document No :10-2009-0044900
 (32) Priority Date :22/05/2009
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2010/003239
 Filing Date :24/05/2010
 (87) International Publication No :WO 2010/134790 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)KANG, JAE-SEON

4)KIM, CHUN-GYU

5)CHUNG, SUNG-UK

6)HWANG, SUNG-WOO

7)KANG, KYUNG-RAN

(57) Abstract :

The present invention relates to an anti-inflammatory use of macrolactin compounds such as macrolactin A, 7-O-malonyl macrolactin A and 7-O-succinyl macrolactin A, which are produced from a novel Bacillus strain of Bacillus polyfermenticus KJS-2 (KCCM10769P). The macrolactin compounds provided by the present invention were confirmed to greatly suppress the expression and formation of inducible nitric oxide synthetase (iNOS) and cyclooxygenase-2 (COX-2) which are proteins related to the formation of inflammatory mediators, and to accordingly inhibit the formation of nitric oxide (NO) and of prostaglandin E2 (PGE2) which are the metabolites of the proteins. In addition, the macrolactin compounds provided by the present invention were confirmed to have excellent effects in inhibiting the formation of tumor necrosis factor-alpha (TNF- α), interleukin-ip (IL-1 β), interleukin-6 (IL-6) and granulocyte macrophage colony-stimulating factor (GM-CSF), which are pro-inflammatory cytokines. Therefore, the macrolactin compounds produced by the Bacillus polyfermenticus KJS-2 strain according to the present invention can provide excellent anti-inflammatory agents.

No. of Pages : 34 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8573/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : PROCESS AND APPARATUS FOR THE CONTINUOUS CASTING OF A SLAB

(51) International classification :B21B1/46
(31) Priority Document No :10 2009 018 683.2
(32) Priority Date :23/04/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/002369
Filing Date :19/04/2010
(87) International Publication No :WO 2010/121763
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)BILGEN, CHRISTIAN
3)BOCHER, TILMANN
4)NEUMANN, LUC

(57) Abstract :

The invention relates to process for continuous casting of a slab (1), especially of steel, in which the cast slab (1) is conveyed through a furnace (2), and in which the slab (1) is subjected to a descaling operation, wherein in at least in one section (3) of the furnace (2) the slab surface is subjected to a reduction by maintaining in the section (3) of the furnace (2) an atmosphere which consists of an inert gas and hydrogen (H₂) or of pure hydrogen (H₂) or of pure hydrogen being maintained in said section (3) of the furnace (2) .The invention further relates to an apparatus for the continuous casting of a slab.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8575/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : RECOMBINANT HUMAN ALPHA1 ANTITRYPSIN

(51) International classification :C07K14/81
(31) Priority Document No :61/214,492
(32) Priority Date :23/04/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/055177
Filing Date :20/04/2010
(87) International Publication No :WO 2010/127939
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)HACK, CORNELIS, ERIK
3)VAN DEN NIEUWENHOF, INGRID

(57) Abstract :

The present invention relates recombinant human a 1-antitrypsin (rhAAT) comprising N-linked glycans, wherein at least 10% of said N-linked glycans are tetra- antennary glycans; and the degree of capping with sialic acid on said N-linked glycans (Z/A) is at least 50%. The invention further relates to rhAAT for use as a medicament, in particular for use in the prevention and/or treatment of a disease associated with AAT deficiency, and/or a disease involving neutrophil-mediated tissue damage.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8560/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD FOR MANUFACTURING A POROUS COMPOSITE MEMBRANE

(51) International classification	:B01D69/12
(31) Priority Document No	:2009-106136
(32) Priority Date	:24/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057225
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/123094
	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)KURASHINA, MASAKI

(57) Abstract :

Disclosed is a method for manufacturing a composite porous film having a stable film quality and a desired hollow shape by controlling the entrance of a film-forming resin solution into a hollow part of a hollow reinforcement support. The method is provided with a step of adhering a film-forming resin solution to the outer peripheral surface of the hollow reinforcement support and thereby forming a film intermediate, a step of adhering a coagulating liquid to the outer peripheral surface of the film intermediate, and a step of flowing the coagulating liquid along the outer peripheral surface of the film intermediate so that at least a part of the outermost interface of the coagulating liquid in the circumferential direction is a free surface and thereby coagulating the film-forming resin solution adhering to the outer peripheral surface of the hollow reinforcement support.

No. of Pages : 34 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8561/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : DISPLAY CONTROL DEVICE, LIQUID CRYSTAL DISPLAY DEVICE, PROGRAM AND RECORDING MEDIUM ON WHICH THE PROGRAM IS RECORDED

(51) International classification	:G09G3/36
(31) Priority Document No	:2009-110479
(32) Priority Date	:30/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057617
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/126103
	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)KAMON, YUJI

(57) Abstract :

To provide a display control device and a liquid crystal display device each of which prevents (i) an afterimage from appearing, (ii) an interpolation image broken due to a multiple rate drive from being visible, and (iii) a flicker from being visible due to black image insertion, a display control section (16) of the present invention for a liquid crystal television includes: a multiple rate conversion section (21) for driving a liquid crystal panel (26) at a multiple rate; a motion information detecting section (22) for detecting a motion of an image; a black insertion region determining section (23) for evaluating complexity of the motion of the image for each of a plurality of regions of the liquid crystal panel (26) to determine a black insertion region; and an LED luminance control section (24) for controlling an LED driving section (29) to (i) cause an LED (28) corresponding to a specific region, for which a motion of an original image has been determined during an interpolation image display period to be complex, to be off and (ii) cause the LED (28) corresponding to the specific region to have a luminance during an original image display period, the luminance being higher than a luminance of an LED (28) corresponding to a normal region.

No. of Pages : 74 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8564/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : REFRIGERATION APPARATUS

(51) International classification	:F25B43/00
(31) Priority Document No	:2009-122893
(32) Priority Date	:21/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058950
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/134646
	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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(57) Abstract :

A refrigeration apparatus, in which a refrigerant containing a mixture of a hydrofluoroolefin having a carbon- carbon double bond as base component and a hydrofluorocarbon having no double bond circulates, includes a refrigerant-circulating route extending from compressor 1, via condenser 2 or 4, expansion mechanism 3 and evaporator 4 or 2, back to the compressor 1, in which the refrigerant circulates, and a hydrogen fluoride- scavenging unit 8 for accommodating a hydrogen fluoride scavenger that is installed on the refrigerant-circulating route.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8566/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : TROCAR

(51) International classification	:A61B17/34
(31) Priority Document No	:RM2009A00257
(32) Priority Date	:19/05/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IT2010/000214
Filing Date	:14/05/2010
(87) International Publication No	:WO 2010/134112
	A2
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)PANTALEONI, ADRIO

3)PINNAVAIA, PAOLA

(57) Abstract :

The present invention concerns a trocar comprising a body (13, 14, 15, 25, 26), coupled to a hollow cylindrical cannula (29) in which a n obturator (23) is insertable, and a top cap (10), having a top, that is capable to be removably coupled to ® the body (13,14,15), characterised in that the top cap (10) has p Ian inscribable in to a circle of radius R1, wherein a first section of the top cap (10) with a first plane passing through the top has a first upper contour comprising a central portion having a radius R2 of curvature not lower than the radius R1 of the circle into which the plan of the top cap (10) is inscribable, and wherein a second section of the top cap (10) with a second plane orthogonal to the first one and passing through the top has a second upper contour comprising a rear portion (72) having a radius R4 of curvature larger than the radius R1 of the circle into which the plan of the top cap (10) is inscribable.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8528/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :18/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : ABLATION CATHETER WITH BALLOON AND ABLATION CATHETER SYSTEM WITH BALLOON

(51) International classification	:A61B18/12
(31) Priority Document No	:2009-122827
(32) Priority Date	:21/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058317
Filing Date	:18/05/2010
(87) International Publication No	:WO 2010/134503
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :

In order to perform balloon ablation and spot ablation by one ablation catheter without exchanging an ablation catheter body at the time of treatment by catheter ablation, an ablation catheter (1A, IB) with a balloon is provided with a catheter shaft (3), a balloon (2) which is mounted to the front end side in the longitudinal direction of the catheter shaft, a lumen (5) which communicates with the balloon from the end face on the back end side in the abovementioned longitudinal direction, an in-balloon electrode (10, 37) and an in-balloon temperature sensor (11) which are disposed in the balloon, and a front end electrode (14) and a front end temperature sensor (15) which are mounted in a front end region including the end face on the front end side in the abovementioned longitudinal direction.

No. of Pages : 55 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8530/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :18/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : PRESSURE SENSOR

(51) International classification	:G01L9/00
(31) Priority Document No	:TO2009A000384
(32) Priority Date	:20/05/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/052247
Filing Date	:20/05/2010
(87) International Publication No	:WO 2010/134043
	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 :

A pressure sensor (1) has a sensor body (2, 20) at least partly formed with an electrically insulating material, particularly a ceramic material, defining a cavity (3) facing on which is a diaphragm (20) provided with an electric detector element, configured for detecting a bending of the diaphragm (20). The sensor body (2, 20) supports a circuit arrangement (6), comprising a plurality of circuit components (7, 15), among which an integrated circuit (15), for treating a signal generated by the detection element. The circuit arrangement (6) includes tracks made of electrically conductive material directly deposited on a surface of the sensor body (2, 20) made of electrically insulating material, the integrated circuit is made up of a die made of semiconductor material (15) directly bonded onto the surface of the sensor body and the die (15) is connected to respective tracks (9) by means of wire bonding, i.e. by means of thin connecting wires (16) made of electrically conductive material.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8532/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :18/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : PLASTIC FUEL TANK WITH IMPROVED CREEP RESISTANCE AND METHOD FOR THE MANUFACTURE THEREOF

(51) International classification	:B60K15/03
(31) Priority Document No	:0952651
(32) Priority Date	:23/04/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2010/055287
Filing Date	:21/04/2010
(87) International Publication No	:WO 2010/122065
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)CUVELIER, VINCENT

(57) Abstract :

Plastic fuel tank having a lower wall, an upper wall and at least one reinforcing element connecting these two walls, this reinforcing element comprising a hollow plastic pillar having an opening in its lower part and an opening in its upper part, these openings being situated at locations such that they allow, respectively, the filling of the pillar and the degassing thereof, at least one part of the hollow pillar being a constitutive element of an accessory that has an active role in the tank.

No. of Pages : 16 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8533/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :18/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : GRANULAR FEED SUPPLEMENT

(51) International classification	:A23K1/00
(31) Priority Document No	:61/202,969
(32) Priority Date	:23/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/031724
Filing Date	:20/04/2010
(87) International Publication No	:WO 2010/123878 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 :

A ruminant feed composition, having a granulated core having at least one active substance and at least one layer of a coating material surrounding the core, the coating material comprising a vegetable oil and a modifying agent. Modifying agents include stearic acid, oleic acid, lecithin, and palm oil. Also disclosed are methods for making a ruminant feed composition.

No. of Pages : 20 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8587/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : WORK LIFTING AND SUPPORTING DEVICE

(51) International classification	:B66F7/06
(31) Priority Document No	:2009-241977
(32) Priority Date	:21/10/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/068117
Filing Date	:15/10/2010
(87) International Publication No	:WO 2011/049007
	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)OOE MASAHIRO

(57) Abstract :

A workpiece elevating support device which can be utilized by being installed in a carriage-type conveying apparatus for conveying an automobile body while changing the height thereof in each section in an automobile assembly line. The workpiece elevating support device includes at least two center-folding double link mechanisms (3A, 3B) arranged in parallel on a base (8), each of which is composed of a lower parallel link (10), an intermediate link member (9), an upper parallel link (12), and an upper link member (11). The upper link member (11) is consecutively provided with a workpiece support (4A, 4B). There is juxtaposed a lock means (15) to hold the center-folding double link mechanisms in an expanding-rising posture, which is taken when the upper link members (11) are vertically raised to a predetermined height.

No. of Pages : 72 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8558/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : AIR GUIDE DUCT STRUCTURE FOR VEHICLE

(51) International classification :B60K11/04
(31) Priority Document No :2009-106054
(32) Priority Date :24/04/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/054388
Filing Date :16/03/2010
(87) International Publication No :WO 2010/122857
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)UCHIDA, TADAYUKI
3)ICHIKAWA, TOMOAKI
4)MOURI, TOSHIKATSU
5)MIURA, HIDEKI
6)ABE, RYOTA
7)AOKI, TAKASHI
8)NAKANE, KEN

(57) Abstract :

An air guide structure for guiding outside air in front of the vehicle to equipment to be cooled. Ai air guide duct structure (20) is provided with: left and right side-wall ducts (46, 68) provided to the left and right sides of equipment (16) to be cooled; and left and right seal sections (47, 69) protruding from the inner wall surfaces (46a, 68a) of the left and right side-wall ducts toward the equipment (16) to be cooled. The left and right seal sections (47, 69) are spaced by a predetermined distance (Si) from the equipment (16) to be cooled toward the front of the vehicle body. Air pressure during the travel of the vehicle elastically deforms the right and left seal sections (47, 69) to cause the seal sections to make contact with the equipment (16) to be cooled.

No. of Pages : 79 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8559/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : CANCER ANTIGEN HELPER PEPTIDE

(51) International classification	:C12N15/09
(31) Priority Document No	:2009-105286
(32) Priority Date	:23/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057149
Filing Date	:22/04/2010
(87) International Publication No	:WO 2010/123065
	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)SUGIYAMA, HARUO

(57) Abstract :

The present invention relates to a WT1 peptide which has an amino acid sequence consisting of contiguous amino acids derived from a WT1 protein and induces WT1-specific helper T cells by binding to an MHC class II molecule, a pharmaceutical composition comprising them and the like.

No. of Pages : 92 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8600/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : LABEL ASSEMBLY AND METHOD OF USE

(51) International classification :G09F3/02
(31) Priority Document No :12/470,640
(32) Priority Date :22/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/034851
Filing Date :14/05/2010
(87) International Publication No :WO 2010/135177 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)MILES, LYNETTE, M.
2)CALLINAN, ANDREW J.
3)HEMMESCH, ERIC, W.
4)STICKROD, JON, E.

(57) Abstract :

A label assembly comprising a plurality of labels on a carrier sheet wherein the carrier sheet has a bisector line and a perimeter line as follows: (1) the bisector line extends from a first edge of the carrier sheet to the opposing edge of the carrier sheet dividing the carrier sheet into substantially symmetric halves; and (2) a perimeter line that is closed upon itself and intersects the bisector line at two locations, dividing the carrier sheet into a frame portion and an array portion. The bisector line and the perimeter line divide the array portion into two backing segments. Also a method using such label assembly comprising folding the assembly along the bisector line and separating the frame portion of the carrier sheet from the array portion of the carrier sheet along the perimeter line.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8601/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : IMPROVED METHOD FOR EXTRACTING SHAPED FOAM ARTICLES FROM A FORMING MOLD CAVITY

(51) International classification	:B29C44/56
(31) Priority Document No	:61/180,464
(32) Priority Date	:22/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033645
Filing Date	:05/05/2010
(87) International Publication No	:WO 2010/135081 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)MAURER, MYRON
2)TELI, SAMAR
3)MITTAG, MATTHEW
4)FITING, CASEY

(57) Abstract :

The invention relates to an improved method of extracting a shaped foam article from a mold cavity after being formed, specifically by imparting a vacuum sufficient enough to hold the shaped foam article to one side of the mold, preferably the core half of the mold, when the mold opens.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8603/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : CERTIFIED GENERIC DATA PROCESSING COMPONENT FOR CRITICAL TASK

(51) International classification :G05B19/042
(31) Priority Document No :PCT/EP2009/003593
(32) Priority Date :20/05/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/002652
Filing Date :29/04/2010
(87) International Publication No :WO 2010/133287
A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PER-ERIK LARSSON

(57) Abstract :

A monitoring system (102) for monitoring equipment (100) has first data processing means (108) for executing a primary, critical task and second data processing means (110) for executing a secondary, non-critical task. The second data processing means (110) receives its power supply from the first data processing means (108) via protective circuitry (210) so as to prevent electrical failures in the second data processing means (110) from affecting operation of the first data processing means (108).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8640/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : PROCESS FOR PRODUCING PHTHALIC ACID COMPOUND INCLUDING CHLORINATED AROMATIC RING

(51) International classification	:C07C63/62
(31) Priority Document No	:2009-108931
(32) Priority Date	:28/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057731
Filing Date	:23/04/2011
(87) International Publication No	:WO 2010/126152
	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)SOUDA, HIROSHI
2)HAGIYA, KOJI

(57) Abstract :

Provided is a process for producing a phthalic acid compound whose aromatic ring has been chlorinated, the process reacting a phthalic acid compound and chlorine in a mixture of chlorosulfonic acid and thionyl chloride in the presence of an iodine compound.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8576/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : CAPACITIVE GAGE PRESSURE SENSOR WITH VACUUM DIELECTRIC

(51) International classification	:G01L9/00
(31) Priority Document No	:12/428,968
(32) Priority Date	:23/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/025857
Filing Date	:02/03/2010
(87) International Publication No	:WO 2010/123624 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)BRODEN, DAVID, A.

(57) Abstract :

A field device (100) includes a capacitive gauge pressure sensor configured to measure a gage pressure of a process media. A sensor body (110) of the pressure sensor includes first and second chambers (112, 113). The second chamber (113) is under vacuum and forms a vacuum dielectric for the pressure sensor. An atmospheric reference port (180) is formed in the sensor body (110) and maintains the first chamber (112) in equilibrium with ambient atmospheric pressure. A process media inlet port (125) of the sensor is configured to couple to a process media source (120). The sensor includes a conductive deflectable diaphragm (130) between the second chamber (113) and the media inlet port (125). A capacitive plate (140) is disposed in the second chamber (113) in relation to the diaphragm (130) such that deflection of the diaphragm (130) generates a change in capacitance. The field device (100) also includes sensor circuitry (185) which generates a sensor signal indicative of the gage pressure of the process media (120), and transmitter circuitry (190) which transmits information relative to the sensor signal over a process communication loop (195).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8580/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :21/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : MAKING AN OPTIC WITH A CLADDING

(51) International classification	:G02B6/00
(31) Priority Document No	:12/474,032
(32) Priority Date	:28/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035305
Filing Date	:18/05/2010
(87) International Publication No	:WO 2010/138345 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)EMERTON, NEIL
2)LARGE, TIMOTHY ANDREW
3)JENKINS, KURT A.
4)TRAVIS, ADRIAN

(57) Abstract :

Embodiments related to making an optic comprising a cladding are disclosed. One example embodiment comprises forming a wedge-shaped light guide having opposing first and second faces and comprising a material having a first refractive index. The embodiment further comprises applying a cladding layer to the first face, and, applying an interface layer to the cladding layer. In this embodiment, the cladding layer has a second refractive index less than the first refractive index, and the interface layer has a third refractive index matched to the first refractive index.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8620/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : ANTIREFLECTION FILM, DISPLAY DEVICE AND LIGHT TRANSMISSIVE MEMBER

(51) International classification :G02B1/11
(31) Priority Document No :2009-141130
(32) Priority Date :12/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/058443
Filing Date :19/05/2010
(87) International Publication No :WO 2010/143503
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)TAGUCHI, TOKIO
2)IMAOKU, TAKAO

(57) Abstract :

The present invention provides an antireflection film in which a light scattering property is suppressed. The antireflection film according to the present invention comprises, on a surface thereof, a moth-eye structure including a plurality of convex portions such that a width between vertices of adjacent convex portions is no greater than a wavelength of visible light. In this antireflection film, the moth-eye structure does not include a sticking structure formed when tip end portions of the convex portions are joined to each other.

No. of Pages : 91 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8667/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : GESTURE COACH

(51) International classification :A63F13/00
(31) Priority Document No :12/474,453
(32) Priority Date :29/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/036005
Filing Date :25/05/2010
(87) International Publication No :WO 2010/138470 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)EISNER, KEVIN
4)BENNETT, DARREN ALEXANDER
5)TSUNODA, KUDO
6)KIPMAN, ALEX
7)PEREZ, KATHRYN STONE

(57) Abstract :

A capture device may capture a user's motion and a display device may display a model that maps to the user's motion, including gestures that are applicable for control. A user may be unfamiliar with a system that maps the user's motions or not know what gestures are applicable for an executing application. A user may not understand or know how to perform gestures that are applicable for the executing application. User motion data and/or outputs of filters corresponding to gestures may be analyzed to determine those cases where assistance to the user on performing the gesture is appropriate.

No. of Pages : 65 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8669/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : REAL TIME RETARGETING OF SKELETAL DATA TO GAME AVATAR

(51) International classification :A63F13/00
(31) Priority Document No :61/182,505
(32) Priority Date :29/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/036192
Filing Date :26/05/2010
(87) International Publication No :WO 2010/138582 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)MARGOLIS, JEFFREY,N
4)SIMS, SCOTT, W
5)BURTON, NICHOLAS, D
6)WILSON, ANDREW

(57) Abstract :

Techniques for generating an avatar model during the runtime of an application are herein disclosed. The avatar model can be generated from an image captured by a capture device. End-effectors can be positioned an inverse kinematics can be used to determine positions of other nodes in the avatar model.

No. of Pages : 51 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8643/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : COMPOSITION AND METHOD FOR CONTROLLING PESTS

(51) International classification :A01N37/30
(31) Priority Document No :2009-125903
(32) Priority Date :25/05/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/059055
Filing Date :21/05/2010
(87) International Publication No :WO 2010/137676
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)SAITO, SHIGERU

(57) Abstract :

The present invention provides a composition comprising, as active ingredients, 4-oxo-4-[(2-phenylethyl)amino]-butyric acid and fipronil; a method of controlling pests, which comprises applying effective amounts of 4-oxo-4-[(2- phenylethyl)amino]-butyric acid and fipronil to a plant or growing site of plant and so on.

No. of Pages : 38 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8644/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : AEROSOL GENERATING MATERIAL FOR A SMOKING ARTICLE

(51) International classification :A24F47/00
(31) Priority Document No :0907368.5
(32) Priority Date :29/04/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/050691
Filing Date :28/04/2010
(87) International Publication No :WO 2010/125386 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)JOHN, EDWARD, DENNIS
4)WOODCOCK, DOMINIC

(57) Abstract :

The invention provides an aerosol generating material (8) for a smoking article (5), comprising particulate porous material impregnated with a diluent (3), wherein said particulate porous material has a BET specific surface area of at least 1200 m²/g. The invention also provides an aerosol generating material (8) for a smoking article (5), comprising particulate calcium carbonate (1) carrying and/or impregnated with a diluent (3).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8647/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : WINDING MACHINE

(51) International classification	:B65H57/28
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2010/055201
Filing Date	:29/04/2009
(87) International Publication No	:WO 2010/124730
	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)WEIGEND, HELMUT

(57) Abstract :

The invention relates to a winding machine having a plurality of winding positions (1.1,..., 1.5) for winding up a plurality of threads onto bobbins (8.1,..., 8.5). The bobbins are mounted on a rotatable winding spindle (6.1, 6.2) adjacent to each other, wherein each winding position comprises a traversing device (4.1,..., 4.5) for guiding the thread (2.1,..., 2.5) back and forth and a lead thread guide (3.1,..., 3.5) upstream of the traversing device. In order to maintain uniformity in the thread tension despite different changes in direction when feeding the threads to the winding positions, the lead thread guides of the winding positions, which guide a change in direction of the incoming thread, are coupled to at least one vibrating actuator (15, 15.1,..., 15.5) by which the lead thread guides can be excited to a high-frequency vibration..

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8648/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : CIRCUIT CONNECTING MATERIAL, FILM-LIKE CIRCUIT CONNECTING MATERIAL USING THE CIRCUIT CONNECTING MATERIAL, STRUCTURE FOR CONNECTING CIRCUIT MEMBER, AND METHOD FOR CONNECTING CIRCUIT MEMBER

(51) International classification	:H01R11/01
(31) Priority Document No	:2009-109102
(32) Priority Date	:28/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057165
Filing Date	:22/04/2011
(87) International Publication No	:WO 2010/125965
	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)ARIFUKU, MOTOHIRO
2)KOBAYASHI, KOUJI
3)FUJINAWA, TOHRU

(57) Abstract :

The circuit connecting material of the invention is situated between mutually opposing circuit electrodes, and provides electrical connection between the electrodes in the pressing direction when the mutually opposing circuit electrodes are pressed, the circuit connecting material comprising anisotropic conductive particles wherein conductive fine particles are dispersed in an organic insulating material.

No. of Pages : 78 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8649/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : COMPOSITION AND METHOD FOR CONTROLLING PLANT DISEASES

(51) International classification :A01N37/30
(31) Priority Document No :2009-125901
(32) Priority Date :25/05/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/059053
Filing Date :21/05/2010
(87) International Publication No :WO 2010/137674
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)KURAHASHI, MAKOTO

(57) Abstract :

The present invention provides: a composition for controlling plant diseases comprising, as active ingredients, 4-oxo-4-[(2-phenylethyl)amino]-butyric acid and ethaboxam; a method for controlling plant diseases which comprises applying effective amounts of 4-oxo-4-[(2-phenylethyl)amino]-butyric acid and ethaboxam to a plant or soil for growing plant; and so on.

No. of Pages : 32 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8650/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD OF MANUFACTURING LIQUID CRYSTAL PANEL, GLASS SUBSTRATE FOR LIQUID CRYSTAL PANEL, AND LIQUID CRYSTAL PANEL INCLUDING THE SAME

(51) International classification	:G02F1/1345
(31) Priority Document No	:2009-110676
(32) Priority Date	:30/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/052848
Filing Date	:24/02/2010
(87) International Publication No	:WO 2010/125846
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)YAMAZAKI, IKUSHI

(57) Abstract :

A method of manufacturing a liquid crystal panel according to the present invention includes the steps of providing a marking pad (50) including a marking region formed of a stack constituted only of a metal film serving as a lower layer (51) and an ITO film (56) serving as an upper layer on a main surface (1 la) of a glass substrate (11), bonding a glass substrate (21) to the glass substrate (11) so as to be opposed to the main surface of the marking region in the marking pad (50) at a distance therefrom, and providing marking by providing a through hole (58) in the marking region in the marking pad (50) by irradiating the marking region in the marking pad (50) with laser beams (100) through the glass substrate (21). Thus, the marking pad provided on the glass substrate for the liquid crystal panel can be provided with marking of high definition even though laser beams are emitted through another glass substrate for a liquid crystal panel paired with the glass substrate for the liquid crystal panel.

No. of Pages : 53 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8605/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : READ-ONLY OPTICAL RECORDING MEDIUM

(51) International classification :G11B7/258
(31) Priority Document No :2009-131286
(32) Priority Date :29/05/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/003313
Filing Date :17/05/2010
(87) International Publication No :WO 2010/137251
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)JUN NAKANO
3)TAKEHIDE ENDO
4)NAOKI OKAWA

(57) Abstract :

[Object] To provide a durable read-only optical recording medium having less variances in characteristics of a metal reflective film due to a temporal change. [Solving Means] Provided is a read-only optical recording medium (100) including: a substrate (101); an information recording surface onto which information is recorded by combining pits (P) and lands (L); and a metal reflective film (102) that is provided in contact with the information recording surface and represented by $Al_{100-x-z}X_xZ_z$, where x and z each represent an atomic%, X is constituted of an element including at least Ti, Z is constituted of an element including at least Fe, x is 1.0 to 3.0, and z is 0.05 to 1.0.

No. of Pages : 67 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8607/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : FRACTIONAL EXTRACTION OF BUTADIENE

(51) International classification	:C07C7/00
(31) Priority Document No	:12/454,778
(32) Priority Date	:22/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001345
Filing Date	:06/05/2010
(87) International Publication No	:WO 2010/134955 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)BRIDGES, JOSEPH, P.

2)HOOD, ALLEN, DAVID

3)SMITH, SCOTT, A.

4)WILLIAMS, SOLON, B.

(57) Abstract :

A method for the solvent extraction of 1,3-butadiene from a mixture of C4 hydrocarbons that employs a distillation tower to produce the desired 1,3-butadiene product as an overhead and a separate bottoms stream that is removed from and not recycled in the solvent extraction process.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8608/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

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

(51) International classification	:G02B5/30
(31) Priority Document No	:2009-111678
(32) Priority Date	:01/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057542
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/126078
	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)SAWADA, HIROAKI
2)KITAGAWA, TAKEHARU
3)KAMIJO, TAKASHI

(57) Abstract :

A method for producing a polarizer (20) comprises the steps of: (A) stretching a polyvinyl alcohol-based resin layer (10) to obtain a stretched layer (14); (B) immersing the stretched layer (14) in a dyeing liquid (23) containing iodine to obtain a dyed layer (18) in which absorbance thereof determined from a tristimulus value Y is from 0.4 to 1.0 (transmittance T = 40% to 10%); and (C) removing a part of iodine adsorbed in the dyed layer (18) so that the absorbance of the dyed layer (18) decreases by 0.03 to 0.7, provided that the absorbance of the dyed layer (18) is controlled so that it does not become less than 0.3.

No. of Pages : 41 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8652/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : ANISOTROPIC CONDUCTIVE PARTICLES

(51) International classification	:H01B5/16
(31) Priority Document No	:2009-109101
(32) Priority Date	:28/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057166
Filing Date	:22/04/2010
(87) International Publication No	:WO 2010/125966
	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)ARIFUKU, MOTOHIRO
2)KOBAYASHI, KOUJI
3)FUJINAWA, TOHRU

(57) Abstract :

The anisotropic conductive particles of the invention have conductive fine particles 2 dispersed in an organic insulating material 3.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8654/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : DETERMINATION OF A FORCE ACTING ON A STEERING MECHANISM

(51) International classification	:B62D6/00	(71)Name of Applicant :
(31) Priority Document No	:102009002706.8	1)ZF LENKSYSTEME GMBH
(32) Priority Date	:29/04/2009	Address of Applicant :RICHARD-BULLINGER-STRASSE
(33) Name of priority country	:Germany	77, 73527 SCHWABISCH GMUND Germany
(86) International Application No	:PCT/EP2010/051665	(72)Name of Inventor :
Filing Date	:11/02/2010	1)GRUNER, STEFAN
(87) International Publication No	:WO 2010/124884	2)WERNER, THOMAS
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The intention is to make available a possible way of determining a force (Fz) acting from the outside on a steering mechanism of a steering device in a vehicle via a steering linkage, by means of an estimator (21) , wherein a motor for generating a steering torque is assigned to the steering device. This is achieved in that the force (Fz) acting from the outside is estimated as a function of an effective motor torque (tor_RAeff), wherein the effective motor torque (tor_RAeff) is determined as a function of a motor torque and an efficiency level, , and wherein the efficiency level is determined as a function of the estimated force (Fz) . .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8657/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : DAMPING INSERT FOR DAMPING DEVICES ON FURNITURE

(51) International classification :E05F5/02
(31) Priority Document No :10 2009 019 106.2
(32) Priority Date :29/04/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/002628
Filing Date :29/04/2010
(87) International Publication No :WO 2010/124862
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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REINHEIM Germany
(72)Name of Inventor :
1)LAUTENSCHLAGER, HORST

(57) Abstract :

A damper insert for damping devices on furniture has a fluid-filled damper cylinder (18), in which a damper piston is guided in a longitudinally movable manner. The damper piston is connected to an adjusting screw (14) via a piston rod (13). The damper cylinder (9) is guided in a longitudinally movable and rotatable manner in a guide sleeve (8). An internal thread (16) of the adjusting screw (14) is engaged with the guide sleeve (8). The adjusting screw (14) is connected to the damper cylinder (9) in a rotationally fixed and longitudinally displaceable manner. The adjusting screw (14) is connected coaxially to a rotating sleeve (17) in which an inner end (18) of the damper cylinder (9) is accommodated in a longitudinally displaceable manner. The damper cylinder (9) is connected to the rotating sleeve (17) in a rotationally fixed manner.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8592/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : PROCESSING BIOMASS WITH A HYDROGEN SOURCE

(51) International classification	:C07C1/00
(31) Priority Document No	:61/180,501
(32) Priority Date	:22/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035940
Filing Date	:24/05/2010
(87) International Publication No	:WO 2010/135734 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)BARTEK, ROBERT

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3)O'CONNOR, PAUL

(57) Abstract :

A method can include co-processing a biomass feedstock and a refinery feedstock in a refinery unit. The method can include producing a liquid product by catalytically cracking a biomass feedstock and a refinery feedstock in a refinery unit having a fluidized reactor. Catalytically cracking can include transferring hydrogen from the refinery feedstock to carbon and oxygen from the biomass feedstock.

No. of Pages : 37 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.8596/CHENP/2011 A

(43) Publication Date : 22/03/2013

(54) Title of the invention : PRESSURE REGULATOR

(51) International classification :G05D16/06

(31) Priority Document No :61/173,194

(32) Priority Date :27/04/2009

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

(86) International Application No :PCT/US2010/032342

Filing Date :26/04/2010

(87) International Publication No :WO 2010/126809 A1

(61) Patent of Addition to Application :NA

Number :NA

Filing Date

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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3)SCHEFFLER, DOUGLAS, J

(57) Abstract :

A regulator (100) having a valve body (102) defining a flow-path (108) for a fluid and having a valve seat (104), an actuator casing (122, 124) coupled to the valve body, a control member (130) disposed within the actuator casing and adapted for displacement relative to the valve body and the valve seat for regulating a flow of the fluid through the flow-path by moving between an open position and a closed position wherein the control member engages the valve seat, and a spring (193) operatively coupled to the control member and biasing the control member toward the open position. The control member includes a surface facing the valve seat that is recessed. The recessed surface may be a counter-bore (148), or may have a convex shape, conical shape, or other appropriate recessed surface. So configured, the regulator displaced improved stability in high inlet pressure, low output pressure, high flow rate implementations.

No. of Pages : 25 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8638/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : FUSED HETEROCYCLIC COMPOUND AND USE THEREOF

(51) International classification :C07D401/04
(31) Priority Document No :2009-108926
(32) Priority Date :28/04/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/057315
Filing Date :20/04/2010
(87) International Publication No :WO 2010/125985
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)IWAKOSHI, MITSUHIKO
3)IKEGAMI, HIROSHI

(57) Abstract :

A fused heterocyclic compound of formula (1): wherein, A1 and A2 represent a nitrogen atom or the like, R1, R2, R3 and R4 represent a halogen atom or the like, R2 and R3 represent a halogen atom or the like, R5 represents a C1-C6 chain hydrocarbon group optionally substituted with one or more halogen atoms, or the like, R6 and R7 represent a C1-C4 chain hydrocarbon group substituted with one or more halogen atoms, or the like, and n represents 0 or 1, has an excellent noxious arthropod controlling effect.

No. of Pages : 276 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8680/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : HIGH STRENGTH GALVANNEALED STEEL SHEET HAVING EXCELLENT FORMABILITY AND FATIGUE RESISTANCE AND METHOD FOR MANUFACTURING THE SAME

(51) International classification	:C22C38/06
(31) Priority Document No	:2009-144075
(32) Priority Date	:17/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/003780
Filing Date	:07/06/2010
(87) International Publication No	:WO 2010/146796
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)MATSUOKA, SAIJI

5)SUZUKI, YOSHITSUGU

(57) Abstract :

The present invention provides a high-strength galvanized steel sheet having excellent ductility, stretch flangeability, and fatigue resistance, and a method for manufacturing the same. A high-strength galvanized steel sheet having excellent formability and fatigue resistance is characterized in that the steel sheet is composed of steel having a composition containing, by % by mass, C: 0.05% to 0.3%, Si: 0.5% to 2.5%, Mn: 1.0% to 3.5%, P: 0.003% to 0.100%, S: 0.02% or less, Al: 0.010% to 0.1%, and the balance including iron and unavoidable impurities, and the steel sheet has a microstructure containing 50% or more of ferrite, 5% to 35% of martensite, and 2% to 15% of pearlite in terms of an area ratio, the martensite having an average grain size of 3 μ m or less and an average distance of 5 μ m or less between adjacent martensite grains.

No. of Pages : 41 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8681/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : TUBE ROLLING PLANT

(51) International classification	:B21B23/00
(31) Priority Document No	:MI2009A001085
(32) Priority Date	:19/06/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/052699
Filing Date	:16/06/2010
(87) International Publication No	:WO 2010/146546
	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)GRASSINO, JACOPO

6)BREGANTE, ALBERTO VITTORIO MARIA

(57) Abstract :

The present invention relates to a plant for rolling a seamless tube, typically with a medium-to-large diameter. The plant comprises a main rolling mill with adjustable rolls for mandrel-rolling a semifinished tube. The plant also comprises a fixed-roll extracting/reducing mill positioned downstream of the main rolling mill and in series therewith. The extracting/reducing mill is designed to extract the semifinished tube from the mandrel and reduce its diameter to a predetermined value close to that desired for the finished tube. Finally, the plant comprises an adjustable-roll sizing mill. The sizing mill is positioned downstream of the extracting/reducing mill and off-line with respect to the latter. This sizing mill is designed to adjust the radial position of the rolls and define the diameter of the outgoing tube. The invention also relates to a method for rolling a seamless tube.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8651/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD FOR PUNCHING A SHEET METAL ELEMENT, IN PARTICULAR THE FRAME OF AN AUTOMOBILE

(51) International classification	:B21D22/20
(31) Priority Document No	:0953479
(32) Priority Date	:27/05/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/050714
Filing Date	:13/04/2010
(87) International Publication No	:WO 2010/136683
	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)GAVAZA, DAVID

(57) Abstract :

The invention relates to a method for punching a metal sheet with two surfaces (4, 5) delimiting two shoulders (6, 7) there between extending transversally relative to one another and connected together, a first surface (4) of the metal sheet being connected to the upper edge of each of the two shoulders (6, 7) and a second surface (5) of the metal sheet being connected to the lower edge of each of said two shoulders (6, 7), wherein said method comprises carrying out a first punching and then a second calibration punching for reducing the curvature radius between each of the two shoulders (6, 7) and the second surface (5) of the metal sheet, characterized in that during the first punching, an embossment (8) for locally reducing the punching depth is punched on the second surface (5) in the connection area between the two shoulders (6, 7).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8691/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD FOR THE MANUFACTURE OF AMINOPOLYALKYLENE PHOSPHONIC ACIDS

(51) International classification :C07F9/38
(31) Priority Document No :09161389.3
(32) Priority Date :28/05/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/057434
Filing Date :28/05/2010
(87) International Publication No :WO 2010/136573
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)PIRARD, CEDRIC NICOLAS
3)LEMIN, DAVID

(57) Abstract :

A method for the manufacture of aminopolyalkylene phosphonic acid of a specific general formula is described. In particular, a mixture of specifically defined ranges of reactants to wit; phosphorous acid; an amine; formaldehyde and an aminopolyalkylene phosphonic acid, having the same general formula as the compound to be manufactured, are reacted to thus yield a product of outstanding selectivity and purity with substantially reduced levels of non-desirable by products.

No. of Pages : 28 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8692/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS COMPRISING EPA AND A CARDIOVASCULAR AGENT AND METHODS OF USING THE SAME

(51) International classification	:A61K31/202
(31) Priority Document No	:61/173,759
(32) Priority Date	:29/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032948
Filing Date	:29/04/2010
(87) International Publication No	:WO 2010/127099 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)MANKU, MEHAR

2)ROWE, JONATHAN

(57) Abstract :

The present invention relates to, inter alia, pharmaceutical compositions comprising EPA and one or more cardiovascular agents, and to therapeutic methods for treating various diseases and disorders using the same.

No. of Pages : 69 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8693/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : AEROSOL GENERATING MATERIAL FOR A SMOKING CIRCLE

(51) International classification :A24B15/14
(31) Priority Document No :0907346.1
(32) Priority Date :29/04/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/050690
Filing Date :28/04/2010
(87) International Publication No :WO 2010/125385 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)JOHN, EDWARD DENNIS
3)WOODCOCK, DOMINIC

(57) Abstract :

The invention provides an aerosol generating material (6) for a smoking article, comprising particles (1) that consist essentially of diluent (2) encapsulated by barrier material (3).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8694/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : WAVEGUIDE-BASED DETECTION SYSTEM WITH SCANNING LIGHT SOURCE

(51) International classification	:G02B6/35
(31) Priority Document No	:61/173,771
(32) Priority Date	:29/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032761
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/127001 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)DUER, REUVEN

(57) Abstract :

The invention provides methods and devices for generating optical pulses in one or more waveguides using a spatially scanning light source. A detection system, methods of use thereof and kits for detecting a biologically active analyte molecule are also provided. The system includes a scanning light source, a substrate comprising a plurality of waveguides and a plurality of optical sensing sites in optical communication with one or more waveguide of the substrate, a detector that is coupled to and in optical communication with the substrate, and means for spatially translating a light beam emitted from said scanning light source such that the light beam is coupled to and in optical communication with the waveguides of the substrate at some point along its scanning path. The use of a scanning light sources allows the coupling of light into the waveguides of the substrate in a simple and cost-effective manner.

No. of Pages : 121 No. of Claims : 81

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8696/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : CROSSLINKABLE DIELECTRICS AND METHODS OF PREPARATION AND USE THEREOF

(51) International classification :H01L51/05
(31) Priority Document No :09160980.0
(32) Priority Date :25/05/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/056983
Filing Date :20/05/2010
(87) International Publication No :WO 2010/136385
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)POLYERA CORPORATION
(72)Name of Inventor :
1)KASTLER, MARCEL
2)KOHLER, SILKE ANNIKA

(57) Abstract :

The present invention relates to an electronic device comprising at least one dielectric layer, said dielectric layer comprising a crosslinked organic compound based on at least one compound which is radically crosslinkable and a method of making the electronic device.

No. of Pages : 63 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8658/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : HUMANIZED ANTI EGFL7 ANTIBODIES AND METHODS USING SAME

(51) International classification	:C07K16/22
(31) Priority Document No	:61/176,817
(32) Priority Date	:08/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/034097
Filing Date	:07/05/2010
(87) International Publication No	:WO 2010/129904 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)DENNIS, MARK
2)FREDRICKSON, JILL
3)YE, WEILAN

(57) Abstract :

The present invention concerns antibodies to EGFL7 and the uses of same.

No. of Pages : 243 No. of Claims : 73

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8660/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : A SUPPORT BRACKET

(51) International classification :H01H33/42

(31) Priority Document No :09159058.8

(32) Priority Date :29/04/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/055472

Filing Date :23/04/2010

(87) International Publication No :WO 2010/125005

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)PERSSON, JONAS

2)JANSON, ANDERS

3)STROMBACK, ANDERS

4)WENDIN, BENNY

(57) Abstract :

A support bracket (1) for supporting insulating rods (2) inside an insulator tube (3) of a hollow core insulator. The support bracket comprises a cylindrical ring (4) with an outer surface (5) for abutting against the inner surface (6) of an insulator tube, an inner surface (7) for supporting an insulating rod and two opposing end sides, here denominated first (8a) and second (8b) end sides. The support bracket comprises an expansion assembly having means configured to be actuated so as to expand the cylindrical ring in at least one radial direction when the support bracket has been inserted in an insulator tube of a live tank circuit breaker.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8663/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : DEVICE FOR IMMOBILISING A MOTORCYCLE IN A VERTICAL POSITION

(51) International classification	:B62H3/00
(31) Priority Document No	:0952903
(32) Priority Date	:30/04/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/050735
Filing Date	:16/04/2010
(87) International Publication No	:WO 2010/125280
	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)GRECO, PABLO ANDRES

(57) Abstract :

The present invention relates to a device for immobilising a motorcycle (8) in a vertical position, for its transportation on a loading surface (3), comprising translatable locking means (6) and attachment means (7) of the motorcycle, rigidly connected to the said loading surface (3), in which the said attachment means (7) are suited to cooperate with anchoring means (83) rigidly connected to the motorcycle (8) and in which the said locking means (6) are suited to rest on the front of a rear wheel (81) of the motorcycle (8).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8664/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : A CONTROL SYSTEM FOR A HYDRAULIC ELEVATOR APPARATUS

(51) International classification	:B66B1/24
(31) Priority Document No	:TO2009A000339
(32) Priority Date	:29/04/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/051844
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/125525
	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)ACQUAVIVA, SEBASTIANO

(57) Abstract :

The system (10) allows control of an elevator apparatus (1) which comprises an elevator cylinder (5) with a piston (5a) coupled to a car (2), a pump (4) having the outlet coupled to the elevator cylinder (5), and an electric motor (3) coupled to the pump (4). The system comprises a speed regulator (11) associated with the motor (3) for controlling the speed of displacement of the car (2), and is predisposed for driving the speed regulator (11) in predetermined modes, such that the pump (4) rotates at a speed having a predefined value (W). The system (10) is also predisposed for driving the speed regulator (11) such that the motor (3) of the pump (4) is supplied with a voltage having a frequency (f) the value of which corresponds to said predefined speed value (co), increased by an amount (cft; fts, fto) which is a predetermined function of the working pressure (Pi) of the pump (4) such as to balance at least in part the effect of the leakage of operating hydraulic fluid in the pump (4).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8665/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : TREATED TOBACCO

(51) International classification :A24B15/28

(31) Priority Document No :0907360.2

(32) Priority Date :29/04/2009

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

(86) International Application No :PCT/GB2010/050692

Filing Date :28/04/2010

(87) International Publication No :WO 2010/125387 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)JOHN, EDWARD DENNIS

3)WOODCOCK, DOMINIC

(57) Abstract :

Treated tobacco (1) for a smoking article, wherein the tobacco (2) carries diluent (3) and barrier material (4). The barrier material (4) inhibits migration of the diluent (3) during storage of the smoking article but allows release of the diluent (3) during smoking of the smoking article.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8713/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : OCCULDER

(51) International classification	:A61B17/00
(31) Priority Document No	:899/09
(32) Priority Date	:10/06/2009
(33) Name of priority country	:Switzerland
(86) International Application No	:PCT/CH2010/000147
Filing Date	:03/06/2010
(87) International Publication No	:WO 2010/142051 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)STEINER, CLAUDIO

2)WEISHAUP, ANDREAS

3)HUMMEN, JORG

(57) Abstract :

The invention relates to an occluder for closing a passage in a circulatory system comprising an expandable fixation unit for fixing the occluder on the passage, wherein the occluder can be transferred in the passage from a compact appearance into an expanded appearance. The occluder has a distal (2) and a proximal axial part (3), in which the fixation unit is pivotally held. According to the invention, the fixation unit comprises distal fixation arms (40) and proximal fixation arms (40), wherein the distal fixation arms are pivotally held in the distal axial part and the proximal fixation arms are pivotally held in the proximal axial part. The distal and the proximal fixation arms have free ends, which are interconnected by means of connecting members (43) that can be moved relative to the fixation arms, wherein in each case a distal fixation arm is connected to a proximal fixation arm located diagonally opposed thereto. Said occluder is suited in particular for closing a ventricular septal defect (VSD). (57) Zusammenfassung: Ein Okkluder zum Verschliessen eines Durchgangs in einem Kreislaufsystem weist eine ex-pandierbare Fixierungseinheit zur Fixierung des Okkluders beim Durchgang [Fortsetzung auf der nächsten Seite]

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8699/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD FOR THE PRODUCTION OF CEFTOBIPROLE MEDOCARIL

(51) International classification :C07D501/04
(31) Priority Document No :09161028.7
(32) Priority Date :25/05/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/057105
Filing Date :25/05/2010
(87) International Publication No :WO 2010/136423
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)KREMMINGER, PETER

2)LUDESCHER, JOHANNES

3)STURM, HUBERT

(57) Abstract :

The present invention relates to a method for the production of organic compounds, in particular sodium (6R,7R)-7-[(Z)-2-(5-amino-[1,2,4]thiadiazol-3-yl)-2-hydroxyimino-acetyl-amino]-8-oxo-3-[(E)-(R)-1'-(5-methyl-2-oxo-[1,3]-dioxol-4-ylmethoxycarbonyl)-2-oxo-[1,3']bipyrrolidiny-3-ylidenemethyl]-5-thia-1-aza-bicyclo[4.2.0]oct-2-ene-2-carboxylate (ceftobiprole medocaril), and compounds of the general formula (1) and of the general formula (2) , the compounds themselves and intermediates in the production according to the invention.

No. of Pages : 34 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.87/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/01/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : SUBSTATION AUTOMATION SYSTEM WITH PROTECTION FUNCTIONS

(51) International classification	:H02H7/26
(31) Priority Document No	:09164725.5
(32) Priority Date	:07/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/057325
Filing Date	:27/05/2010
(87) International Publication No	:WO 2011/003675
	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)WERNER, THOMAS
2)TOURNIER, JEAN-CHARLES

(57) Abstract :

A Substation Automation system (10) configured to perform protection functions (111, 121, 131) for a bay (11, 12, 13) of an electrical power distribution substation (1), particularly a medium-voltage substation (1), is further configured to receive via a communication link (31) redundancy protection commands from a remote center (2), and to execute the redundancy protection commands for the bay (11, 12, 13). Specifically, the Substation Automation system (10) is configured to transmit to a redundant protection server (20) at the remote center (2), process values measured by measurement equipment of the substation (1), and to receive, from the redundant protection server (20), and forward, via the process bus, redundancy protection commands directed to operating equipment of the substation (1). Thus, for the protection functions (111, 121, 131) of multiple medium voltage Substation Automation systems (10), redundant protection functions are implemented and provided cost- efficiently by one common remote central unit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8730/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : ELECTROMAGNETIC SHIELDING ARTICLE

(51) International classification :H05K9/00
(31) Priority Document No :61/181,750
(32) Priority Date :28/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/035341
Filing Date :19/05/2010
(87) International Publication No :WO 2010/138348 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)LIM, JEFFREY, A.
3)NGIN, SYWONG
4)JANULIS, EUGENE P., JR

(57) Abstract :

A shielding article includes a first conductive layer and a second conductive layer spaced apart from the first conductive layer by a non-conductive polymeric layer defining a separation distance. The first conductive layer and the second conductive layer cooperatively provide a first shielding effectiveness. The first conductive layer, the second conductive layer, and the separation distance cooperatively provide a second shielding effectiveness that is greater than the first shielding effectiveness.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8731/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : ORGANIC EL DISPLAY DEVICE AND METHOD FOR MANUFACTURING THE SAME

(51) International classification :H05B33/04
(31) Priority Document No :2009-140069
(32) Priority Date :11/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/001465
Filing Date :03/03/2010
(87) International Publication No :WO 2010/143337
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)HIRASE, TAKESHI
3)KOBAYASHI, YUHKI

(57) Abstract :

An organic EL display device (1) includes an element substrate (30), a sealing substrate (20) facing the element substrate (30), an organic EL element (4) provided on the element substrate (30) and between the element substrate (30) and the sealing substrate (20), a first sealing member (5) made of fritted glass and provided between the element substrate (30) and the sealing substrate (20), and configured to weld the element substrate (30) and the sealing substrate (20) to seal the organic EL element (4), a resin member (14) provided between the sealing substrate (20) and the organic EL element (4) and configured to cover a surface of the organic EL element (4), and a second sealing member (16) formed of a resin and provided between the element substrate (30) and the sealing substrate (20).

No. of Pages : 52 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8732/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : VIDEO INFORMATION PLAYBACK METHOD AND VIDEO INFORMATION PLAYBACK APPARATUS

(51) International classification	:G11B27/10
(31) Priority Document No	:2009-126569
(32) Priority Date	:26/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/003465
Filing Date	:24/05/2010
(87) International Publication No	:WO 2010/137281
	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)RYU, TOMOAKI

(57) Abstract :

The video information playback method of playing back a recording medium on which a virtual-machine-using content whose video playback can be controlled by a program running in a virtual machine is recorded, including: performing simple resume playback for restarting playback of a main-program video of the virtual-machine-using content without activating the program (S1, S2), when the playback of the main-program video is interrupted and then a playback restart instruction is given; and skipping playback of predetermined video which is to be played back until a menu screen is displayed (S4-S8), when the simple resume playback of the main-program video is finished and then playback from an initial state is performed with activating the program.

No. of Pages : 34 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8671/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : END-LOADED BATTERY CARRIAGE

(51) International classification	:H01M2/10
(31) Priority Document No	:12/475,120
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036212
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/138599 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)LARSEN, GLEN, C

(57) Abstract :

A battery carriage is provided, including first and second dual-contact assemblies. The first dual contact assembly is disposed on a body portion of the battery carriage and the second dual contact assembly is disposed on a separable portion of the battery carriage. Each dual contact assembly includes a positive contact and a negative contact which are respectively configured to contact a positive contact and a negative contact of a battery. The separable portion of the battery carriage is moveable into and out of a coupled state with the body portion. When in the coupled state, the dual contact assemblies are \ held spaced apart to define a receptacle in which the dual contact assemblies hold opposing ends of the battery. Movement of the separable portion into the coupled state also establishes electrical conductivity between the positive contacts, and between the negative contacts, of each of the dual contact assemblies.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8672/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : MILLING SYSTEM AND METHOD OF MILLING

(51) International classification	:E21B7/08
(31) Priority Document No	:61/175,182
(32) Priority Date	:04/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033386
Filing Date	:03/05/2010
(87) International Publication No	:WO 2010/129468 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)DESAI, PRAFUL, C

(57) Abstract :

A mill for milling a window through metal casing in a well bore that includes a body having a plurality of blades; a plurality of cylindrically bodied cutting elements on said blades; and a plurality of diamond enhanced elements having a non-planar diamond working surface on said blades; wherein said cutting elements initiate cutting into said casing and mill said window into said well bore.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8701/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : SUSPENSION ANCHORING IN AN ELEVATOR SYSTEM

(51) International classification :B66B7/08
(31) Priority Document No :09161013.9
(32) Priority Date :25/05/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/056820
Filing Date :18/05/2010
(87) International Publication No :WO 2010/136359
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)ARAKI YASSUDA, SERGIO

(57) Abstract :

The invention relates to an elevator system (100) having at least one elevator cab(2) and having at least one counterweight (4), both of which can be counter-directionally displaced at least one guide rail (7) in an elevator shaft (1) via a traction sheave (5) of a drive (6); having at least one pivotable suspension an anchoring (33), which is adaptable to displacement of the suspension (3) according to a displacement angle (A W), wherein a rolling body(31) can be unrolled on a holding plate(20).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8707/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : TOOL FOR ASSISTING IN PETROLEUM PRODUCT TRANSPORTATION LOGISTICS

(51) International classification :G05B13/00
(31) Priority Document No :61/220,159
(32) Priority Date :24/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/039821
Filing Date :24/06/2010
(87) International Publication No :WO 2010/151668 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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9)PHILIP H. WARRICK

(57) Abstract :

A tool to assist decision-making in the logistics of bulk product transportation. For example, the tool may be used to solve a problem involving the transportation and the inventory management of crude oil, in which the transportation of crude oil between supply ports and discharge ports are performed by a fleet of ships. The tool is capable of handling a typical petroleum product transportation problem, which can be quite complex. The tool uses advanced modeling and optimization technology to find a solution (either optimal or near optimal) for the allocation of bulk products, vehicle routing, vehicle scheduling, and/or bulk product blending operations.

No. of Pages : 84 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8710/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : HIERARCHICAL MEMORY ARBITRATION TECHNIQUE FOR DISPARATE SOURCES

(51) International classification :G06F13/16
(31) Priority Document No :12/431,874
(32) Priority Date :29/04/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/032343
Filing Date :26/04/2010
(87) International Publication No :WO 2010/126810 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)KRISHNAN, GUHAN

2)ASARO, ANTONIO

3)CHEREPACHA, DON

4)KUNJAN, THOMAS, R.

5)WINKLER, JOERG

6)FLEMMING, RALF

7)STEINMAN, MAURICE, B.

8)OWEN, JONATHAN

9)KALAMATIANOS, JOHN

(57) Abstract :

A hierarchical memory request stream arbitration technique merges coherent memory request streams from multiple memory request sources (204, 206, 208, 216) and arbitrates the merged coherent memory request stream with requests from a non-coherent memory request stream. In at least one embodiment of the invention, a method of generating a merged memory request stream (316) from a plurality of memory request streams includes merging coherent memory requests into a first serial memory request stream. The method includes selecting, by a memory controller circuit (213, 302), a memory request for placement in the merged memory request stream from at least the first serial memory request stream and a merged non-coherent request stream. The merged non-coherent memory request stream is at least partially based on an indicator of a previous memory request selected for placement in the merged memory request stream (334).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8682/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR A DISTRIBUTED HASH TABLE IN A MULTI CORE SYSTEM

(51) International classification	:G06F9/50
(31) Priority Document No	:12/489,201
(32) Priority Date	:22/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/037401
Filing Date	:04/06/2010
(87) International Publication No	:WO 2011/005394 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)KHEMANI, PRAKASH
2)SHETTY, ANIL
3)SUGANTHI, JOSEPHINE

(57) Abstract :

The present invention is directed towards systems and methods for using a distributed hash table to maintain the same configuration and resource persistency across a plurality of cores in a multi-core system. The distributed hash table includes a plurality of partitions, each partition being owned by a respective core of the multi-core system. A core may establish resources in the partition it owns. A core may request other cores to establish resources in the partitions they own and send resource information to the core. The core may locally cache the resource information.

No. of Pages : 128 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8688/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHANOL STEAM REFORMING CATALYSTS

(51) International classification :B01J23/648

(31) Priority Document No :12/472,104

(32) Priority Date :26/05/2009

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

(86) International Application No :PCT/US2010/036025

Filing Date :25/05/2010

(87) International Publication No :WO 2010/138483 A2

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)BASF CORPORATION

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(72)Name of Inventor :

1)ZHANG, QINGLIN

2)FAARAUTO, ROBERT, J.

3)CASTELLANO, CHRISTOPHER, R.

(57) Abstract :

Novel catalysts, substantially free of Cu and Zn, useful for the reformation of methanol and steam into H₂ for use in hydrogen fuel cells and their use are described herein

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8689/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :24/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : COMPOSITION AND METHOD FOR CONTROLLING PLANT DISEASES

(51) International classification :A01N37/30
(31) Priority Document No :2009-125900
(32) Priority Date :25/05/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/059052
Filing Date :21/05/2010
(87) International Publication No :WO 2010/137673
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)SUMITOMO CHEMICAL COMPANY, LIMITED
Address of Applicant :27-1, SHINKAWA 2-CHOME, CHUO-KU, TOKYO 104-8260 Japan
(72)**Name of Inventor :**
1)KURAHASHI, MAKOTO

(57) Abstract :

The present invention provides: a composition for controlling plant diseases comprising, as active ingredients, 4-oxo-4-[(2-phenylethyl)amino]-butyric acid and a quinone outside inhibitor; a method for controlling plant diseases which comprises applying effective amounts of 4-oxo-4-[(2-phenylethyl)amino]-butyric acid and a quinone outside inhibitor to a plant or soil for growing plant; and so on.

No. of Pages : 42 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8740/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD FOR THE MANUFACTURE OF PHOSPHONOALKYL IMINODIACETIC ACIDS

(51) International classification :C07F9/38
(31) Priority Document No :09161401.6
(32) Priority Date :28/05/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/057435
Filing Date :28/05/2010
(87) International Publication No :WO 2010/136574
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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Switzerland
(72)Name of Inventor :
1)NOTTE, PATRICK
2)PIRARD, CEDRIC NICOLAS
3)LEMIN, DAVID

(57) Abstract :

An improved method for the manufacture of phosphonoalkyl iminodiacetic acid (PAIDA) is disclosed. The iminodiacetic acid starting material is reacted with a considerable amount, in excess of stoichiometric requirements, of phosphorous acid to thereby yield a reaction medium insoluble reaction product which can be separated from the reaction medium. In a particularly preferred approach, the phosphorous acid is prepared in situ starting from liquid P4O6.

No. of Pages : 19 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8741/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : PROCESS FOR THE MANUFACTURE OF DIALKYLPHOSPHITES

(51) International classification	:C07F9/141
(31) Priority Document No	:09161393.5
(32) Priority Date	:28/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/057423
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/136564
	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)STRAITMARK HOLDING AG

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(72)Name of Inventor :

1)NOTTE, PATRICK

2)DEVAUX, ALBERT

(57) Abstract :

A process for the manufacture of dialkyl phosphites is disclosed. In detail, dialkyl phosphites are prepared starting from P4O6; or partially hydrated species thereof cumulatively P-O, by reacting specific molar ratios of alcohol and P-O, containing from 1 to 6 P-O-P bonds in the molecule, in the presence of trialkylphosphite (TAP) to thus yield purity and high yield of dialkyl phosphites. The P-O reactant is preferably represented by liquid P4O6.

No. of Pages : 12 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8742/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD FOR THE MANUFACTURE OF DIALKYL PHOSPHITES

(51) International classification :C07F9/141

(31) Priority Document No :09161395.0

(32) Priority Date :28/05/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/057424
Filing Date :28/05/2010

(87) International Publication No :WO 2010/136565
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)STRAITMARK HOLDING AG

Address of Applicant :BUNDESPLATZ 1, CH-6300 ZUG
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(72)Name of Inventor :

1)NOTTE, PATRICK

2)DEVAUX, ALBERT

(57) Abstract :

A method for the manufacture of dialkyl phosphites is disclosed wherein a P-0 component containing from 1 to 6 P-O-P bonds in the molecule is reacted with an alcohol and a carboxylic acid ester having from 1 to 6 carbon atoms in the alkyl group and from 5 to 20 carbon atoms in the esterifying alkyl group of the ester. The dialkyl phosphites are formed under simultaneous removal by distillation of the carboxylic acid formed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8743/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD FOR THE PRODUCTION OF DOMAIN ANTIBODIES

(51) International classification :C07K16/00
(31) Priority Document No :61/174,184
(32) Priority Date :30/04/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/055916
Filing Date :30/04/2010
(87) International Publication No :WO 2010/125187
A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)SCHOTTE, PETER

2)STANSSENS, PATRICK

3)LABEUR, CHRISTINE

4)JONNIAUX, JEAN-LUE

5)LAUWEREYS, MARC JOZEF

(57) Abstract :

The present invention relates to a method for producing a domain antibody in a host other than E. coli, preferably yeast, comprising a) applying conditions that promote the formation of disulfide bridges in domain antibodies, or b) removing domain antibodies lacking at least one disulfide bridge, or c) a combination of (a) and (b). More specifically, the present invention relates to a method, wherein said conditions that promote the formation of disulfide bridges are selected from one or more of the following: a) addition of oxidizing agents, preferably oxidizing metal ions, preferably one or more selected from Cu²⁺, Fe²⁺, Fe³⁺ and Zn²⁺; b) co-expression of the domain antibody with a thiol isomerase; c) adapting the culturing conditions by one or more selected from the following: lowering culturing temperature and/or optimizing the culturing medium, including but not limited to reduction of methanol feed for hosts requiring a methanol feed, lowering conductivity of the culture medium, addition of yeast extract and/or peptone, or any combination thereof; d) refolding the domain antibody in the presence of denaturant and redox-buffer e) treating the domain antibody by oxygenation, increasing temperature, increasing pH, high pressure or any combination thereof, and f) combinations of any of a) through e), or wherein conditions that remove domain antibodies lacking at least one disulfide bridge are selected from a) binding domain antibodies comprising free thiol groups to suitable reactive groups, including but not limited to immobilized thiol groups, optionally under denaturing conditions; b) reverse phase high performance chromatography.

No. of Pages : 142 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8715/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : ABSORBENT ARTICLE

(51) International classification :A61F13/15
(31) Priority Document No :2009-119572
(32) Priority Date :18/05/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/058260
Filing Date :17/05/2010
(87) International Publication No :WO 2010/134480
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)NAKAJIMA, OSAMU
2)SUZUKI, YUICHI
3)NODA, YUKI

(57) Abstract :

A leakage prevention section (50) for an absorptive article (1) comprises an elastic body (51) and a sheet (52). The leakage prevention section (50) comprises a center region (C) and a pair of end regions (S) located further toward the outside than the center region (C) in the longitudinal direction (L). The elastic body (51) comprises: fixed sections (51 A) which are, with the elastic body (51) stretched in the longitudinal direction (L), fixed to the sheet (52) at at least the boundaries between the center region (C) and the end regions (S); and free end sections (51B) located further toward the outside than the fixed section (51 A) in the longitudinal direction (L) and not fixed to the sheet (52). The end regions (S) comprise: treated sections (53A) having been subjected to joining treatment which enables the portions of the sheet (52) which face each other to be joined together, and non-treated sections (53B) not having been subjected to the joining treatment. The free end sections (51B) are disposed in the non-treated sections (53B).

No. of Pages : 24 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8728/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : TEST PROBE AS WELL AS FAMILY OF TEST PROBES FOR THE NON-DESTRUCTIVE TESTING OF A WORKPIECE BY MEANS OF ULTRASONIC SOUND AND TESTING DEVICE

(51) International classification	:G01N29/24
(31) Priority Document No	:102009003131.6
(32) Priority Date	:14/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/056614
Filing Date	:12/05/2010
(87) International Publication No	:WO 2010/130819
	A9
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)SPLITT, GERHARD

(57) Abstract :

The invention relates to a test probe 10 for the non-destructive testing of a work piece by means of ultrasonic sound. The test probe has an ultrasonic transducer 20 for the generation of an ultrasonic field, which is coupled acoustically to a delay line body 12, which is provided to be attached for a coupling of the ultrasonic field into the work piece on a surface of the work piece. Furthermore, the invention relates to a family of test probes as well as to a testing device for the non-destructive testing of a work piece by means of ultrasonic sound, with a test probe 10, whose ultrasonic transducer 20 has a majority of independently controllable individual oscillators. Furthermore, a control unit 50 is provided, which is equipped to control the individual oscillators of the ultrasonic transducer 20 with phase accuracy in such a way, that a sound field rotationally symmetrical to the central beam is generated. The test probe or the family of test probes and the testing device are suitable in particular for the angular intromission of sound or for a utilization on curved work piece surface areas.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8770/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : SUPER CONDUCTING SUPER CAPACITOR

(51) International classification	:H01G2/10
(31) Priority Document No	:12/772213
(32) Priority Date	:02/05/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010062389
Filing Date	:29/12/2010
(87) International Publication No	:WO 2010/139315
	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)MELITO, CARL, FRANK

(57) Abstract :

A super conducting super capacitor and method forming massive embedded capacitors connected in parallel over a very wide radius that can vary from a few square feet to hundreds or thousands of square miles, and more, is disclosed. The super conducting super capacitor is formed within a water proof vacuum housing to keep out water and humidity by depositing a plurality of alternating layers of dielectric material between each layer of conducting material, whereby one or more electrodes are situated on each dielectric layer, thus forming a super conducting super capacitor having at least one probe electrode exuding from said housing, and connected to the one or more electrodes, for receiving electric charge from a lightning source for example. One can contemplate many dielectric layers separating many conductor layers from a few layers to thousands, and possibly even millions or more layers delineated, for example, to define a multilayer capacitive structure capable of providing electric power to supplement or replace other sources of electric power that harm the environment.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8753/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : ORGANOSILOXANE RESIN COMPOSITION AND LAMINATE COMPRISING THE SAME

(51) International classification :C08L83/04
(31) Priority Document No :2009-126389
(32) Priority Date :26/05/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/059168
Filing Date :25/05/2010
(87) International Publication No :WO 2010/137721
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)NIIMI, RYO
2)YODA, TAKASHI
3)MORITA, YUME

(57) Abstract :

An organosiloxane resin composition which greatly improves the weatherability, hot water resistance and; durability against environmental variations and a high-temperature environment of a substrate, imparts excellent abrasion resistance and has high optical transparency and a laminate. The organosiloxane resin composition comprises (A) colloidal silica (component A), (B) a hydrolyzed and condensed product of an alkoxysilane (component B) , (C) a hydrolyzed and condensed product of an alkoxysilane having high hydrophobic nature (component C) and (D) a metal oxide (component D).

No. of Pages : 75 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8755/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : NETWORK IN WIND TURBINE

(51) International classification	:G05B15/02	(71)Name of Applicant :
(31) Priority Document No	:PA 2009 00556	1)VESTAS WIND SYSTEMS A/S
(32) Priority Date	:30/04/2009	Address of Applicant :ALSVEJ 21, DK-8940 RANDERS SV
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/EP2010/055800	(72)Name of Inventor :
Filing Date	:29/04/2010	1)ZAPATA, ROBERTO
(87) International Publication No	:WO 2010/125140	2)KRISTENSEN, TAGE
	A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a wind turbine (1) comprising a network arranged for communicating with an external network (11), said network of the wind turbine comprising a first sub-network (20) and a second sub-network (30), where the first sub-network (20) is connectable to the external network (11) and where the second sub-network (30) is connectable to and disconnectable from the first network (20). Thus, two or more independent networks are created within a single wind turbine to allow communication among the different controllers in the wind turbine along with external communication. The second sub-network is disconnectable from the remaining network, while the first sub-network may have permanent remote connection. This network architecture provides for enhanced flexibility, enhanced security and enhanced functionality.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8756/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : RECOMBINANT VIRUS LIKE PARTICLES ENCODED BY MULTI GENE VECTOR

(51) International classification :C12N7/04
(31) Priority Document No :09159287.3
(32) Priority Date :01/05/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/055943
Filing Date :30/04/2010
(87) International Publication No :WO 2010/125201
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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SCHLIEREN Switzerland
(72)Name of Inventor :
1)JOHN, CORINNE
2)SCHAUB, CHRISTIAN
3)WELLNITZ, SABINE

(57) Abstract :

The invention describes novel virus-like particles for use as vaccines, diagnostic tools and R&D tools based on recombinant DNA and cell cultivation techniques for production. The recombinant virus-like particles of the invention are assembled by polypeptide chains that incorporate several, in particular two or more, different epitopes which are selected either (a) from different viral strains of the same virus and/or (b) from different serotypes of the same virus and/or (c) from different viral strains specific for different hosts. These epitopes are then displayed on the particle surface.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8758/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : EOLIC GENERATOR

(51) International classification	:F03D3/06
(31) Priority Document No	:RM2009A000254
(32) Priority Date	:19/05/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/050804
Filing Date	:24/02/2010
(87) International Publication No	:WO 2010/133979
	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)ONOFRI, STEFANO
2)EVANGELISTA, GIOVANNI

(57) Abstract :

The present invention refers to a vertical-axis eolic generator. The eolic generator subject-matter of the present invention has the innovative feature of being equipped with vanes having a rectilinear longitudinal axis, entailing a greater simplicity, and therefore lower construction costs. Moreover, the vanes of the eolic generator subject-matter of the present invention have a cross section with a concave profile that is simple and provided with an axis of symmetry, and in their motion describe a surface substantially comparable to a hyperbolic paraboloid.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8766/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : FLUID FLOW CONTROL DEVICES AND SYSTEMS, AND METHODS OF FLOWING FLUIDS THERE THROUGH

(51) International classification	:F16K47/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2009/045344
Filing Date	:27/05/2009
(87) International Publication No	:WO 2010/138119 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)HAINES, BRADFORD
2)GIFFORD, DECKER
3)HAEHL, MARK

(57) Abstract :

Fluid flow control devices comprise a body including a central aperture extending along a longitudinal axis therethrough and a plurality of channels extending from an outer sidewall of the body to an inner sidewall of the body. At least one first channel may intersect at least one other channel. Fluid flow control systems, methods of forming fluid flow control devices, and methods of flowing a fluid through a fluid flow control device are also disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8736/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : DETERMINATION OF A CORRECTING VARIABLE FOR CONTROLLING A MOMENT REGULATOR IN A VEHICLE STEERING SYSTEM

(51) International classification	:B62D5/04
(31) Priority Document No	:10 2009 002 703.3
(32) Priority Date	:29/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/052369
Filing Date	:25/02/2010
(87) International Publication No	:WO 2010/124888
	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)GRUNER, STEFAN

(57) Abstract :

The aim of the invention is to provide a correcting variable for controlling a moment regulator (20) in an electrical vehicle steering system (2) with a high level of precision, and in a more simple manner than known methods and devices. To this end, an actual torque rod moment (MD) is detected, a differential moment is formed from a pre-determined nominal torque rod moment (MDref) and the actual torque rod moment (MD) and the correcting variable is determined by means of an output feedback regulator according to the differential moment

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8737/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : MODIFIED GEOPOLYMER COMPOSITIONS PROCESSES AND USES

(51) International classification :C04B20/10

(31) Priority Document No :61/181,870

(32) Priority Date :28/05/2009

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

(86) International Application No :PCT/US2010/035383

Filing Date :19/05/2010

(87) International Publication No :WO 2010/138351 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)HAN, CHAN

2)PYZIK, ALEKSANDER, JOSEF

3)LIU, JIA

(57) Abstract :

The present invention relates to modified geopolymer compositions, geopolymer-coated organic polymer substrates, and methods of manufacturing and articles comprising same.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8739/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : SCRATCH RESISTANT POLYPROPYLENE

(51) International classification	:C08L23/10
(31) Priority Document No	:61/217,059
(32) Priority Date	:26/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035107
Filing Date	:17/05/2010
(87) International Publication No	:WO 2010/138330 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)PHAM, HUNG
2)KAPRINIDIS, NIKOLAS
3)MAIER, RALPH, DIETER
4)WILSON, JOHANNE

(57) Abstract :

Disclosed are scratch resistant polypropylene molded parts comprising a) a polypropylene substrate and incorporated therein a combination of b) an alpha, beta-unsaturated carboxylic reagent functionalized olefin polymer or copolymer, c) a primary or secondary fatty acid amide and d) a nucleating agent selected from the group consisting of sodium benzoate, 2,2'-methylene-bis(4,6-di-tert-butylphenyl)phosphate, zinc glycerolate, calcium salt of 1,2-dicarboxylic acid cyclohexane and sodium salt of 1,2-dicarboxylic acid norbornane. Also disclosed is a method for providing scratch resistance to a polypropylene molded part by incorporating said additives. The polypropylene substrate is for instance polypropylene homopolymer or thermoplastic polyolefin (TPO). Component b) is for instance maleated polypropylene or the reaction product of an alpha-olefin and maleic anhydride. The fatty acid amide is for instance stearyl erucamide or oleyl palmitamide. The molded parts are suitable for automotive parts. The molded parts also advantageously contain a filler, for example talc.

No. of Pages : 34 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8780/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : MODULATORS FOR HER2 SIGNALING IN HER2 EXPRESSING PATIENTS WITH GASTRIC CANCER

(51) International classification	:A61K39/00
(31) Priority Document No	:09007217.4
(32) Priority Date	:29/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/057429
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/136569
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)KIERMAIER, ASTRID

2)PICKL, MARLENE

3)RUESCHOFF, JOSEF

(57) Abstract :

The present invention relates to means and methods for the identification of responders for or a patient sensitive to a modulator of the HER2/neu (ErbB2) signaling pathway. Also described herein are corresponding methods of treatment of a group of patients determined and defined in accordance with the identification method of the present invention, whereby said group of patients is known or suspected to suffer from or being prone to suffer from gastric cancer, in particular invasive gastric cancer.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8785/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : SIPHON TRAP AND PIECE OF FURNITURE

(51) International classification	:E03C1/28
(31) Priority Document No	:20 2009 004 764.4
(32) Priority Date	:30/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/054858
Filing Date	:14/04/2010
(87) International Publication No	:WO 2010/124931
	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)MUTERTHIES, RALF
2)SCHUBERT, MICHAEL

(57) Abstract :

The invention relates to a siphon trap (1) for connecting to a basin (24), in particular a sink or a washbasin, comprising a liquid reservoir (2), at least one inlet (3) which can be connected to the basin (24), at least one drain (4) which can be connected to a drainage pipe (31), wherein the fluid reservoir (2) is designed to permit access to a complete pipe which is disposed in the liquid reservoir (2), elongates the inlet (3) and which consists of at least two half pipes (16,17).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8771/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : NIPPLE UNIT

(51) International classification :A61J11/02
(31) Priority Document No :1292/09
(32) Priority Date :20/08/2009
(33) Name of priority country :Switzerland
(86) International Application No :PCT/CH2010/000198
Filing Date :17/08/2010
(87) International Publication No :WO 2010/020203 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)PFENNIGER, ERICH
2)RIGERTY, MARIO

(57) Abstract :

A teat unit has a teat (4), a securing device (2, 3) for securing the teat (4) on a liquid container (1), and an air valve (23, 310), the securing device having a first securing part (2) and a second securing part (3) . The air valve (23, 310) has a first valve part (23), which is arranged in the first securing part (2), and a second valve part (310), which is arranged in the first or in the second securing part (3). The air valve (23, 310) opens and closes with respect to the second securing part (3) . The valve is preferably a diaphragm valve, and the first valve part is a valve diaphragm. This teat unit functions very reliably even at very small pressure differences between the bottle and the environment. Moreover, the range of function of the various teat units of the same type is relatively narrow, such that different teat units function very similarly and the air valves are actuated at similar pressure differences.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8776/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : POLYAMIDE RESIN

(51) International classification :C08G69/26
(31) Priority Document No :2009-129217
(32) Priority Date :28/05/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/059137
Filing Date :28/05/2010
(87) International Publication No :WO 2010/137703
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)OGAWA, SHUN
2)AYUBA, SHINICHI
3)SUMINO, TAKAHIKO
4)KUWAHARA, HISAYUKI
5)ISHII, KENTARO

(57) Abstract :

A polyamide resin which comprises a diamine unit containmg 70 mol% or more of a paraxylylenediamine unit and a dicarboxylic acid unit containing 70 mol% or more of a linear aliphatic dicarboxylic acid unit having from 6 to 18 carbon atoms, and which has a phosphorus atom concentration of from 50 to 1,000 ppm and a YI value of 10 or less in the color difference test in accordance with JIS-K-7105.

No. of Pages : 51 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8778/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : POLYAMIDE RESIN COMPOSITION AND MOLDED ARTICLE

(51) International classification :C08L77/06
(31) Priority Document No :2009-129218
(32) Priority Date :28/05/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/059138
Filing Date :28/05/2010
(87) International Publication No :WO 2010/137704
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)OGAWA, SHUN
2)SUMINO, TAKAHIKO

(57) Abstract :

Disclose is a polyamide resin composition having excellent heat resistance, heat aging resistance and mechanical physical properties, which is produced by incorporating a specified aromatic secondary amine compound and a specified organic sulfur based compound into a polyamide composed of a diamine unit containing a paraxylylenediamine unit as a major component and a dicarboxylic acid unit containing a linear aliphatic dicarboxylic acid unit having from 6 to 18 carbon atoms as a major component.

No. of Pages : 39 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8779/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : COMBUSTION CONTROLLER

(51) International classification	:F23N5/00	(71)Name of Applicant :
(31) Priority Document No	:2009-225086	1)MITSUBISHI HEAVY INDUSTRIES, LTD
(32) Priority Date	:29/09/2009	Address of Applicant :16-5, KONAN 2-CHOME, MINATO-KU, TOKYO 108-8215 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:PCT/JP2010-052562	1)TANOURA, MASAZUMI
Filing Date	:19/02/2010	2)MUTA, KENJI
	:WO	3)ASAMI, SHINICHIRO
(87) International Publication No	2011/040053	4)KATO, TADASHI
	A1	5)AOKI, TADASHI
(61) Patent of Addition to Application Number	:NA	6)FUJIMURA, KOUTARO
Filing Date	:NA	7)SAWATSUBASHI, TETSUYA
(62) Divisional to Application Number	:NA	8)TSUKAHARA, CHISATO
Filing Date	:NA	9)DOBASHI, SHINSAKU

(57) Abstract :

An object is to provide a combustion controller (18) that can suppress generation of nitrogen oxide while suppressing corrosion of each portion inside a combustion furnace (12). The combustion controller (18) controls the fuel and air that are supplied to the combustion furnace (12) for burning substances, and addresses the aforementioned object by including: fuel supply unit (20) for supplying fuel and air into the combustion furnace (12); air supply unit (22) for supplying air into the combustion furnace (12), the air supply unit (22) being disposed downstream of the fuel supply unit (20) in the direction of flow of combustion air; concentration measuring unit (24) for measuring the concentration of hydrogen sulfide of the combustion air by passing a measurement beam of light through the combustion air at a measurement position downstream of the fuel supply unit (20) in the direction of flow of the combustion air; and control unit (28) for controlling the amount of air supplied from the fuel supply unit (20) based on a measurement result provided by the concentration measuring unit (24).

No. of Pages : 59 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8767/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : PATIENT INTERFACE AND ASPECTS THEREOF

(51) International classification :A61M16/06
(31) Priority Document No :PCT/NZ2009/000072
(32) Priority Date :12/05/2009
(33) Name of priority country :New Zealand
(86) International Application No :PCT/IB2010/052061
Filing Date :10/05/2010
(87) International Publication No :WO 2010/131189 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)HUANG, WEN DONG

4)ALLAN, OLIVIA MARIE

5)MCLAREN, MARK

6)PRENTICE, Craig Robert

7)GARDIOLA, Arvin San Jose

8)MCAULEY, Alastair Edwin

(57) Abstract :

A patient interfece including a nasal seal including a fece contacting side. The nasal seal is formed of a soft flexible material, and includes a central portion to extend across the base of the nose, and a side portion extending from each end of the central portion. Each side portion extends across the a side of the nose. A fece contacting side of the seal is supple to conform under internal pressure to the surfaces of the nose of a ' wearer, including, at the side portions of the seal, to outside surfaces of the sides of the nose. An exterior side includes regions much stiffer than the supple interior side, the regions extending into the side portions of the seal.

No. of Pages : 89 No. of Claims : 84

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8800/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : HIGH SPEED MULTI-TOUCH DEVICE AND CONTROLLER THEREFOR

(51) International classification :G06F3/044
(31) Priority Document No :61/182,366
(32) Priority Date :29/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/036030
Filing Date :25/05/2010
(87) International Publication No :WO 2010/138485 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)CORDEIRO, CRAIG, A.
2)REBESCHI, THOMAS, J.

(57) Abstract :

A touch-sensitive device includes a touch panel, a drive unit, a sense unit, and a measurement unit. A touch applied to a node of the panel changes a capacitive coupling between two electrodes (a drive electrode and a sense electrode) of the touch panel. The drive unit delivers a drive signal, which may comprise one or more drive pulses, to the drive electrode. The sense unit couples to the sense electrode, and generates a response signal that includes a differentiated representation of the drive signal. The amplitude of the response signal is responsive to the capacitive coupling between the electrodes, and is measured to provide an indication of a touch at the node.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8801/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : PACKAGING MATERIAL COMPRISING MAGNETISABLE PORTIONS

(51) International classification :B65B61/02

(31) Priority Document No :0900729-5

(32) Priority Date :29/05/2009

(33) Name of priority country :Sweden

(86) International Application No :PCT/SE2010/000122

Filing Date :05/05/2010

(87) International Publication No :WO 2010/138049

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)HOLMSTROM, GERT

(57) Abstract :

A packaging material comprising a plurality of magnetisable portions thereon comprising at least one spot per package to be formed from the packaging material is disclosed. At least one of the magnetisable portions provides a magnetic mark carrying a magnetic field pattern. The magnetic field pattern comprises a first magnetic field peak having a first polarity and a second magnetic field peak having a second apposite polarity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8802/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : WIND TURBINE GENERATOR INSTALLATION BY AIRSHIP

(51) International classification	:B64D1/02
(31) Priority Document No	:61/187,065
(32) Priority Date	:15/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/DK2010/050142
Filing Date	:15/06/2010
(87) International Publication No	:WO 2010/145665 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)KIRT, RUNE

2)THOMSEN, MADS BAEKGAARD

(57) Abstract :

The invention relates to a method for handling at least one wind turbine generator component 104, 106, 108. The method comprises the steps of loading said at least one wind turbine generator component 104, 106, 108 to an airship 100 at a site of loading, transporting the airship 100 with the at least one wind turbine generator component from the site of loading of the at least one wind turbine generator component to the site of installation of the at least one wind turbine component, and unloading said at least one wind turbine generator component from the airship at the site of unloading by means one or more guide elements 150 extending between the at least one wind turbine generator component and another wind turbine generator component or the ground, the sea, a vehicle at the ground, or at a vessel at the sea. The invention also relates to use of an airship for installing wind turbine generator components.

No. of Pages : 42 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8805/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : SYSTEMS AND METHODS FOR APPLYING ANIMATIONS OR MOTIONS TO A CHARACTER

(51) International classification :A63F13/00
(31) Priority Document No :12/475,422
(32) Priority Date :29/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/035885
Filing Date :22/05/2010
(87) International Publication No :WO 2010/138428 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)PEREZ, KATHRYN STONE
2)KIPMAN, ALEX A
3)MARGOLIS JEFFREY

(57) Abstract :

An virtual character such as an on-screen object, an avatar, an on-screen character, or the like may be animated using a live motion of a user and a pre-recorded motion. For example, a live motion of a user may be captured and a pre-recorded motion such as a pre recorded artist generated motion, a pre-recorded motion of the user, and/or a programmatically controlled transformation may be received. The live motion may then be applied to a first portion of an the virtual character and the pre-recorded motion may be applied to a second portion of the virtual character such that the virtual character may be animated with a combination of the live and pre-recorded motions.

No. of Pages : 45 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8788/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : COATING FABRIC FOR AIRBAGS AND METHODS FOR MANUFACTURING THE SAME

(51) International classification :D06M15/643
(31) Priority Document No :2009-130128
(32) Priority Date :29/05/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/003466
Filing Date :24/05/2010
(87) International Publication No :WO 2010/137282
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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KITA-KU, OSAKA-SHI, OSAKA Japan
(72)Name of Inventor :
1)AKECHI, TSUTOMU
2)KITAMURA, Mamoru

(57) Abstract :

The present invention provides a coating fabric for airbags where an elastomer is coated to at least one side of textile constituted from synthetic fiber filament, which is characterized in that the coating weight of the resin is as small as 10 to 20 g/m² and an average resin thickness of the head top in the textile surface is 4.0 µm to 12.0 µm in both directions of warp and weft and that the average value of burning speed measured according to FMVSS 302 is not more than 60 mm/min in both directions of warp and weft and the maximum value thereof is not more than 1.2-fold to the average value in both directions of warp and weft.

No. of Pages : 35 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8789/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 22/03/2013

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

(51) International classification :A01N25/28
(31) Priority Document No :2009-130143
(32) Priority Date :29/05/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/059489
Filing Date :28/05/2010
(87) International Publication No :WO 2010/137743
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)IUCHI, SEIJI
2)TAKABE, RIE

(57) Abstract :

An object of the present invention is to provide a technique for producing a microcapsule containing a pesticidal compound in a fatty acid ester such as methyl 0-acetylricinoleate, which delays the release timing of the pesticidal compound as compared to a conventional microcapsule. Provided is a method for producing a microcapsule, which comprises: (1) keeping a mixture of a pesticidal compound, a compound represented by formula (I): wherein X represents -CH₂-CH₂- or -CH=CH-, R₁ represents a C₁-C₄ alkyl group, and R₂ represents a C₁-C₄ alkyl group, and a polyisocyanate at 20 to 60°C for 3 hours or more; (2) adding the mixture to water containing a polyol or a polyamine to prepare liquid droplets in the water; and (3) forming a film of polyurethane or polyurea around the droplets.

No. of Pages : 68 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8790/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : SYSTEM AND METHODS FOR PROVIDING STATELESS SECURITY MANAGEMENT FOR WEB APPLICATIONS USING NON-HTTP COMMUNICATIONS PROTOCOLS

(51) International classification	:G06F15/173
(31) Priority Document No	:61/181,924
(32) Priority Date	:28/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036675
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/138883 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)SALIM, FRANK

(57) Abstract :

A gateway server interoperates with client and remote server systems to provide stateless security management for a distributed Web application. A Web client performs an authentication challenge directed to a user of the Web-browser client where a secure token is not present in a local store instance corresponding to the client application. The authentication challenge obtains the user credentials and then exchanges the user credentials with the gateway server for a secure token. The secure token is then sent in a protocol specific connect message to the gateway server. The gateway server, in response to receipt of the connect message, initiates a Websocket connection directed to the remote Web service by inspecting the connect message to recover the secure token, evaluating the secure token to obtain user credentials, injecting the secure token with the user credentials, and sending the connect message to the remote Web service.

No. of Pages : 40 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8819/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : EXTRANEEOUS AGENTS TESTING

(51) International classification	:A61K39/12
(31) Priority Document No	:09161368.7
(32) Priority Date	:28/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/057221
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/136476
	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)SCHOEN, PIETER JOSEPH

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3)MEDEMA, JEROEN KRISTIAAN

4)THUS, JOHANNES LAMBERTUS GERARDUS

(57) Abstract :

The present invention belongs to the field of pharmaceutical industry and specifies a method for testing extraneous agents in a composition comprising at least one active agent, comprising the steps of: a) contacting an antibody, which had been raised against an expression product of a polynucleotide construct comprising a sequence encoding at least a part of the active agent, with the composition comprising at least one active agent, wherein the antibody binds to the active agent, and b) determining the presence or absence of extraneous agents in the composition subsequent to step a). Furthermore, the invention specifies a process for producing a pharmaceutical composition by carrying out said method, to the use of a polynucleotide construct for testing the presence or absence of the active agent or of any extraneous or infectious agent in a composition to be tested. The present invention also relates to particular polynucleotides and polynucleotide constructs as useful substances in the field of influenza vaccines, as well as non- human organisms, transgenic animals or microorganisms containing the polynucleotides and/or polynucleotide constructs. The present invention is also directed to kit of parts.

No. of Pages : 57 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8806/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : GESTURE SHORTCUTS

(51) International classification	:G06F3/01
(31) Priority Document No	:12/474,781
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036774
Filing Date	:29/05/2010
(87) International Publication No	:WO 2010/138952 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)GEISNER, KEVIN

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4)TSUNODA, KUDO

5)PEREZ, KATHRYN STONE

6)MARKOVIC, RELJA

7)SNOOK, GREGORY N

8)KIPMAN, ALEX

(57) Abstract :

Systems, methods and computer readable media are disclosed for gesture shortcuts. A user's movement or body position is captured by a capture device of a system, and is used as input to control the system. For a system-recognized gesture, there may be a full version of the gesture and a shortcut of the gesture. Where the system recognizes that either the full version of the gesture or the shortcut of the gesture has been performed, it sends an indication that the system-recognized gesture was observed to a corresponding application. Where the shortcut comprises a subset of the full version of the gesture, and both the shortcut and the full version of the gesture are recognized as the user performs the full version of the gesture, the system recognizes that only a single performance of the gesture has occurred, and indicates to the application as such.

No. of Pages : 43 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8830/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : VEHICLE DISC BRAKE

(51) International classification	:F16D65/092
(31) Priority Document No	:2009-130173
(32) Priority Date	:29/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059158
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/137715
	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)HATAKOSHI, GENICHI

(57) Abstract :

A vehicle disc brake is provided which can prevent the uneven wear of friction pads in an ensured fashion with a simple construction and which can realize a reduction in weight of the friction pads. A pair of friction pads 6, 6 each including a lining having a contact surface are disposed between an acting portion 5a and a non-acting portion 5b of a caliper body 5 which is provided so as to straddle an outer circumference of a disc rotor 2 so as to face each other across the disc rotor 2. In a contact surface of the friction pad 6 on the acting portion 5a side, a disc rotor rotation output side is formed smaller than a disc rotor rotation input side, and in a contact surface of the friction pad 6 on the non-acting portion 5b side, a disc rotor input side is formed smaller than a disc rotor output side, whereby the above object is attained.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8833/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : RESIN COMPOSITION FOR CROSSLINKING/FOAM MOLDING, CROSSLINKED MOLDED FOAM, MEMBER FOR FOOTWEAR, AND FOOTWEAR

(51) International classification	:C08J9/04	(71)Name of Applicant :
(31) Priority Document No	:2009-130141	1)SUMITOMO CHEMICAL COMPANY, LIMITED
(32) Priority Date	:29/05/2009	Address of Applicant :27-1, SHINKAWA 2-CHOME, CHUO-KU, TOKYO 104-8260 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:PCT/JP2010/059165	1)YAMADA, KATSUHIRO
Filing Date	:25/05/2010	2)NOZUE, YOSHINOBU
(87) International Publication No	:WO 2010/137719	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a resin composition for crosslinking/foam molding which comprises a resin ingredient, a blowing agent, and a crosslinking agent, wherein the resin ingredient is an ethylene/ α -olefin copolymer that comprises monomer units based on ethylene and monomer units based on an α -olefin having 3 to 20 carbon atoms and satisfies all of the following: (1) to have a density of 860-950 kg/m³, (2) to have a melt flow rate (MFR) of 0.01-10 g/10 min, (3) to have a ratio of weight-average molecular weight (Mw) to number-average molecular weight (Mn), Mw/Mn, of 5.5-30, (4) to have a ratio of Z-average molecular weight (Mz) to weight-average molecular weight (Mw), Mz/Mw, of 2-4, and (5) to have a melt tension (MT) of 8 cN or higher.

No. of Pages : 71 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8834/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : PROCESS FOR OBTAINING A CONCENTRATE OF ESTERS OF EICOSAPENTAENOIC AND DOCOSAHEXAENOIC ACIDS

(51) International classification	:A23D9/02
(31) Priority Document No	:1343-2009
(32) Priority Date	:02/06/2009
(33) Name of priority country	:Chile
(86) International Application No	:PCT/CL2010/000018
Filing Date	:01/06/2010
(87) International Publication No	:WO 2010/139085 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)DIAZ FUENZALIDA, MIGUEL ANGEL

3)MARKOVITS ROJAS, ALEJANDRO

(57) Abstract :

The current invention describes processes for obtaining of concentrates of esters of eicosapentaenoic acid and docosahexaenoic acid for their use in massive and regular human consumption either as a pharmaceutical ingredient or as a food ingredient, which are characterized by having neutral and stable organoleptic properties, free of side effects, which are typical from marine oils derivatives, and with low content of Persistent Organic Pollutants (POP).

No. of Pages : 39 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8835/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD FOR FEEDING A SUPPLY STATION OF A PACKAGING UNIT WITH A NEW REEL OF SHEET PACKAGING MATERIAL, SHEET PACKAGING MATERIAL HOLDER AND LIFT TRUCK

(51) International classification	:B65H19/10
(31) Priority Document No	:09161622.7
(32) Priority Date	:01/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/057624
Filing Date	:01/06/2010
(87) International Publication No	:WO 2010/139688
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)BRIGHENTI, MASSIMO
2)BELLEI, RENZO
3)POLIZZI, ANDREA

(57) Abstract :

There is described a method for feeding a supply station (6) of packaging unit (1) with a new reel (3a) of sheet packaging material, comprising the steps of releasably connecting a sheet packaging material holder (11) to a support structure (5); coupling an end portion (52) of new reel (3a) with holder (11) connected, in turn, to support structure (5); carrying out on end portion (52) at least an operation, which is preliminary for joining of end portion (52) to a first edge (53) of a terminated reel (3a', 3b) previously connected to packaging unit (1); moving new reel (3) together with holder (11) from support structure (5) towards supply station (6); and releasably connecting a fixed part (12) of said supply station (6) to holder (11) together with new reel

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8791/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : TUBE BUNDLE EQUIPMENT WITH LIQUID FLOW REGULATOR ELEMENTS

(51) International classification :F28D3/02
(31) Priority Document No :MI2009A000768
(32) Priority Date :06/05/2009
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2010/000961
Filing Date :27/04/2010
(87) International Publication No :WO 2010/128371
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 :

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2)CARLESSI, LINO

(57) Abstract :

Tube-bundle equipment of the falling liquid film type, comprising a vertical cylindrical body closed at the ends and divided into at least an upper section, an intermediate section and a lower section by means of two perforated tube sheets arranged transversally to support the tubes forming the bundle, wherein each of said tubes is surmounted, on the upper end, by a ferrule, for the inlet and distribution of the liquid in the form of a film, which comprises in the upper part, one or more openings for the outlet of vapours, at an intermediate height one or more openings, preferably tangential, for the inlet of the liquid and below, a circular base for resting on said tube from which an internal cylindrical section, inserted in the tube for a length varying from 10 to 200 mm, protrudes downwards together with an outer metallic strip for a length of at least 2 mm, so that, in the circular area defined between said outer metallic strip and said protruding cylindrical section, there is a gasket, inserted between said circular base of the ferrule and said upper edge of the tube.

No. of Pages : 60 No. of Claims : 15

(54) Title of the invention : CHARGED PARTICLE ANALYSERS AND METHODS OF SEPARATING CHARGED PARTICLES

(51) International classification	:H01J49/40	(71)Name of Applicant :
(31) Priority Document No	:0909232.1	1)THERMO FISHER SCIENTIFIC (BREMEN) GMBH
(32) Priority Date	:29/05/2009	Address of Applicant :HANNA-KUNATH-STR. 11,
(33) Name of priority country	:U.K.	BREMEN 28199 Germany
(86) International Application No	:PCT/EP2010/057340	(72)Name of Inventor :
Filing Date	:27/05/2010	1)MAKAROV, ALEXANDER
(87) International Publication No	:WO 2010/136533	2)GIANNAKOPOULOS, ANASTASSIOS
	A1	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Methods and analysers useful for time of flight mass spectrometry are provided. A method of separating charged particles comprises the steps of: providing an analyser comprising two opposing mirrors each min-or comprising inner and outer field-defining electrode systems elongated along an axis z, the outer system surrounding the inner and defining therebetween an analyser volume, the mirrors creating an electrical field within the analyser volume comprising opposing electrical fields along z, the strength along z of the electrical field being a minimum at a plane $z=0$; causing a beam of charged particles to fly through the analyser, orbiting around the z axis within the analyser volume, reflecting from one min-or to the other at least once thereby defining a maximum tuning point within a min-or; the strength along z of the electrical field at the maximum tuning point being X and the absolute strength along z of the electrical field being less than $|X|/2$ for not more than $2/3$ of the distance along z between the plane $z=0$ and the maximum tuning point in each min-or; separating the charged particles according to their flight times; and ejecting at least some of the charged particles having a plurality of m/z from the analyser or detecting the at least some of charged particles having a plurality of m/z, the ejecting or detecting being performed after the particles have undergone the same number of orbits around the axis z.

No. of Pages : 256 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8793/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : LONG-FIBER-REINFORCED RESIN COMPOSITION AND MOLDED OBJECT THEREOF

(51) International classification :C08J5/04
(31) Priority Document No :2009-131474
(32) Priority Date :29/05/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/003515
Filing Date :26/05/2010
(87) International Publication No :WO 2010/137305
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 :

Along fiber-reinforced resin composition including components (A), (B), and (C), the composition including 50 to 90 wt% of the component (A) and 10 to 50 wt% of the component (B) based on the total content of the components (A) and (B), the component (A) having a content of reinforcing fibers of 20 to 60 wt% based on the total content of the components (A) and (B).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8795/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD FOR PRODUCING AT LEAST ONE APPLICATION DESCRIPTION

(51) International classification	:G06F9/44
(31) Priority Document No	:10 2009 019 319.7
(32) Priority Date	:30/04/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/002597
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/124853
	A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

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(57) Abstract :

A method for producing at least one application description, having the following method steps: the at least one application description is produced with a plurality of application blocks, characterized by at least one basic document being read in; the at least one basic document being analyzed, wherein during the analysis a knowledge base is constructed with knowledge elements, wherein the knowledge elements recognized are at least one data field and/or at least one component, and the knowledge elements are preferably at least to some extent flagged as assumptions; at least one conflict-free knowledge partition being determined, wherein the at least one knowledge partition has a respective set of conflict-free assumptions; wherein the at least one application description is produced from the at least one knowledge partition with the application blocks.

No. of Pages : 232 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8820/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : POLYCARBONATE RESIN COMPOSITION, AND MOLDED ARTICLE PRODUCED FROM THE RESIN COMPOSITION

(51) International classification	:C08L69/00
(31) Priority Document No	:2009-131303
(32) Priority Date	:29/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058882
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/137611
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)KAWAI, NAOYUKI
3)HORIO, YOSHIHIKO

(57) Abstract :

Disclosed are: a polycarbonate resin composition comprising 100 parts by mass of a polycarbonate, from 0.01 to 0.15 parts by mass of a phosphite ester represented by the following general formula (I) or the like, and from 0.01 to 0.15 parts by mass of an organopolysiloxane compound having a phenyl group, a methoxy group and a vinyl group; and a molded article such as light guide plate, film or sheet, which is produced by molding the resin composition. Of the polycarbonate resin composition, yellow discoloration, silver generation and mold adhesion are reduced and the composition is excellent in mold releasability. (In the formula, R1 s independently represent an aryl group or an alkyl group, and may be the same or different.)

No. of Pages : 40 No. of Claims : 5

(54) Title of the invention : ANTIBODIES THAT RECOGNIZE SULPHATIDES AND SULPHATED PROTEOGLYCANS AND THE USE THEREOF

(51) International classification :C07K16/00
 (31) Priority Document No :2009-0071
 (32) Priority Date :04/05/2009
 (33) Name of priority country :Cuba
 (86) International Application No :PCT/CU2010/000002
 Filing Date :03/05/2010
 (87) International Publication No :WO 2010/127642 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)MATEO DE ACOSTA DEL RIO, CRISTINA MARIA****2)VAZQUEZ LOPEZ, ANA MARIA****3)LOPEZ REQUENA, ALEJANDRO****4)FERNANDEZ MARRERO, YUNIEL****5)SOTO LOPEZ, YOSDEL****6)BRITO NAVARRO, VICTOR****(57) Abstract :**

The present invention relates to the biotechnology and particularly with new products for use in human health. The present invention provides new specific monoclonal antibodies, which bind with high affinity sulfatides and sulfated proteoglycans. The anti sulfatides and anti sulfated proteoglycans antibodies disclosed in the present invention and described in the description, provide important diagnostic and therapeutic tools to act on pathological processes associated with the appearance of atherosclerotic plaques. Accordingly, the invention provides pharmaceutical compositions comprising MABs of the invention or fragments thereof for the therapeutic and diagnostic use associated with cardiovascular diseases. Particularly, the present invention relates to the fragments derived from the MABs that recognize sulfatides and sulfated proteoglycans, which can be used in the therapy or diagnosis of this pathology.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8823/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : ENGINE CLEANING COMPOSITION AND METHOD FOR CLEANING THE ENGINE

(51) International classification	:C11D1/10	(71)Name of Applicant :
(31) Priority Document No	:200910145289.5	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:01/06/2009	Address of Applicant :3M CENTER, POST OFFICE BOX
(33) Name of priority country	:China	33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.
(86) International Application No	:PCT/US2010/036166	(72)Name of Inventor :
Filing Date	:26/05/2010	1)HUO, XIN
(87) International Publication No	:WO 2010/141283 A1	2)JANSSEN, JEFFREY, R.
(61) Patent of Addition to Application	:NA	3)CHENG, HUNG CHE
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method of cleaning an engine having at least one combustion chamber, and the method includes the steps of providing an engine cleaning composition and introducing the cleaning composition into the combustion chamber. The engine cleaning composition includes: (i) 10-100 wt% of an alkanol amine hydroxy carboxylate represented by formula (I) : $RCHOHCOONHa+1((CH_2)_nOH)_b$ (I), wherein n is an integer in the range of 1 to 10; a is 0, 1 or 2; b is 1, 2 or 3; such that $a + b = 3$; R represents hydrogen atom or alkyl; (ii) 0-90 wt% of a surfactant; (iii) 0-90 wt% of a solvent; and (iv) 0-90 wt% of water. The present invention also provides an engine cleaning composition to remove carbon deposit from engines.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8824/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : UTILIZATION OF PHARMACOLOGICAL CHAPERONES TO IMPROVE MANUFACTURING AND PURIFICATION OF BIOLOGICS

(51) International classification	:C07H17/02
(31) Priority Document No	:61/181,255
(32) Priority Date	:26/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036225
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/138608 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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CRANBURY, NJ 08512 U.S.A.
(72)**Name of Inventor :**
1)DO, HUNG, V.

(57) Abstract :

The present invention provides methods for improving the production of recombinant proteins through the use of pharmacological chaperones for the recombinant proteins. As exemplified by the present invention, the binding of a pharmacological chaperone to a recombinant protein expressed by a cell can stabilize the protein and increase export of the protein out of the cell's endoplasmic reticulum, and increase secretion of the protein by the cell.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8826/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : IMPROVED CATALYST/BIOMASS MIXING IN TRANSPORT REACTOR

(51) International classification :C10G1/00
(31) Priority Document No :61/175,499
(32) Priority Date :05/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/033697
Filing Date :05/05/2010
(87) International Publication No :WO 2010/129654 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)BARTEK, ROBERT
2)CORDLE, RONALD, L.
3)YANIK, STEVE
4)O'CONNOR, PAUL

(57) Abstract :

A reactor is disclosed for fluidized cracking of solid particulate biomass material. The reactor comprises a first mixing zone, where a particulate stream comprising solid particulate biomass is mixed with a lift gas, and becomes fluidized. The reactor comprises a second mixing zone where a heat carrier material is mixed with the fluidized solid particulate biomass material.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8861/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : OVERSHOT DEVICE

(51) International classification	:E21B31/18
(31) Priority Document No	:09007965.8
(32) Priority Date	:18/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/058134
Filing Date	:10/06/2010
(87) International Publication No	:WO 2010/145984
	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)SALVADOR, PATRICK

(57) Abstract :

The present invention concerns a device with an overshoot (1) comprising a first part with an elongated body (2) adapted to be connected to a hoisting line in one end and with a tubular opening (3) arranged/ designed to receive a spearhead in the other end. The overshoot (1) further comprises a second part with a scissor like mechanism (5) comprising two lifting dogs (6, 7) arranged to pivot around a common pivot pin (8). The lifting dogs (6, 7) are connected via a biasing means (10) and the elongated body (2) comprises an central, axially extending slot (12). The scissor like mechanism (5) is arranged with the common pivot pin (8) sliding in the slot (12) between a first end position (13) where the biasing means (10) is arranged to close the lifting dogs (6, 7) such that a spearhead received in the tubular opening is locked and a second end position (14) where an opening means (9) is arranged to force the lifting dogs (6, 7) open against the force of the biasing means (10), such that a spearhead received in the tubular opening (3) is released.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8869/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : DRUG DELIVERY DOSE SETTING MECHANISM WITH VARIABLE MAXIMUM DOSE

(51) International classification :A61M5/315

(31) Priority Document No :61/182,816

(32) Priority Date :01/06/2009

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

(86) International Application No :PCT/EP2010/057462

Filing Date :28/05/2010

(87) International Publication No :WO 2010/139630

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)PLUMPTRE, DAVID

(57) Abstract :

A method and system for providing a drug delivery device having a variable maximum dose. The drug delivery device comprising a first tubular member (260) and a second tubular member (300) rotatably coupled to the first tubular member (260). A maximum stop component (286a,b) is operatively coupled to the first tubular member (260) and the second tubular member (300) such that the maximum stop component (286a,b) is movable from a first position to a second position. The first position defines a first maximum dose that may be set by a user of said drug delivery device and the second position defines a second maximum dose that may be set by the user of said drug delivery device.

No. of Pages : 62 No. of Claims : 14

(54) Title of the invention : HINGE FOR CONNECTING A LEAF TO A FRAME SO AS TO BE HINGED ABOUT A HINGE AXIS

(51) International classification :E05D11/00
 (31) Priority Document No :10 2009 025 916.3
 (32) Priority Date :04/06/2009
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2010/057337
 Filing Date :27/05/2010
 (87) International Publication No :WO 2010/139604
 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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 MONCHENGLADBACH-WICKRATH Germany
2)STAUDE KUNSTSTOFFTECHNIK GMBH
 (72)Name of Inventor :
1)STAUDE, WOLFGANG

(57) Abstract :

The invention relates to a hinge (100) for connecting a leaf of a door, a window, or the like to a frame so as to be hinged about a hinge axis (S), comprising a frame wing (1, 2) that can be fastened to the frame and that comprises a frame fastening part (5, 5') and a frame hinge part (4, 4'), a leaf wing (3) that can be fastened to the leaf and that comprises a leaf fastening part (7) and a leaf hinge part (6), and a hinge pin (10) that defines the hinge axis (S), wherein a primary coil (19) surrounding the hinge pin (10) is arranged in the frame hinge part (4), and wherein a secondary coil (20) surrounding the hinge pin (10) is arranged in the leaf hinge part (6), wherein the primary coil (19) extends at least approximately to the end face of the frame hinge part (4) facing the leaf hinge part (6), the secondary coil (20) extends at least approximately to the end face of the leaf hinge part (6) facing the frame hinge part (4), and a hinge pin sleeve (30) comprising a ferritic material is provided between the hinge pin (10) and the coils (19, 20), wherein the hinge pin sleeve extends approximately over the length (L) of the hinge pin (10) that is surrounding by the primary and the secondary coil (19, 20).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8872/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : DOSING MECHANISM FOR A DRUG DELIVERY DEVICE

(51) International classification :A61M5/315

(31) Priority Document No :61/182,844

(32) Priority Date :01/06/2009

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

(86) International Application No :PCT/EP2010/057484

Filing Date :28/05/2010

(87) International Publication No :WO 2010/139638

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)JONES, CHRISTOPHER

(57) Abstract :

A maximum settable dose feature is disclosed that is set by a user or health care professional one time that prevents future injections from exceeding the desired maximum dose. The feature includes a locking band (5) initially in an unlocked configuration, which transforms to a locked configuration when activated after setting a desired maximum dose. The feature can include a trigger mechanism (6,11) to transform the locking band (5) to the locked configuration.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8797/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : PROCESS FOR RECOVERING METALS AND METAL COMPOUNDS FROM MINED ORE AND OTHER METAL-BEARING RAW SOURCE MATERIALS

(51) International classification	:C22B3/20
(31) Priority Document No	:61/174,205
(32) Priority Date	:30/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/001259
Filing Date	:29/04/2010
(87) International Publication No	:WO 2010/126593 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)HALPIN, PETER, T
2)SCHLEGEL, ULRICH, R
3)SCHNECK, DALE, L

(57) Abstract :

A method involves mixing with an aqueous medium a metal-bearing ore and/or other raw source material containing a first metal in an insoluble form, a Cr bearing material as a second metal, and other compounds to obtain a slurry containing the first metal in an insoluble form, Cr compound(s), and the other compounds, adjusting the pH of the slurry to an optimal range for Cr oxidation to convert Cr to an insoluble form, selectively leaching the Cr by adding a leaching agent in an amount sufficient to obtain Cr in a soluble form while the first metal remains in the slurry in an insoluble form, filtering the slurry to obtain a filter cake containing the first metal in an insoluble form and a filtrate containing Cr in a soluble form, and recovering the filter cake or filtrate containing Cr.

No. of Pages : 22 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/11/2011

(21) Application No.8798/CHENP/2011 A

(43) Publication Date : 22/03/2013

(54) Title of the invention : PHARMACEUTICAL COMPOUNDS

(51) International classification :C07D233/22
(31) Priority Document No :61/174,293
(32) Priority Date :30/04/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/GB2010/050725
Filing Date :30/04/2010
(87) International Publication No :WO 2010/125402 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)HOWARD, STEVEN

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4)WOOLFORD, ALISON JO-ANNE

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6)CHESSARI, GIANNI

7)O'REILLY, MARC

8)CONGREVE, MILES STUART

9)DAGOSTIN, CLAUDIO

10)CHO, YOUNG SHIN

11)YANG, FAN

12)CHEN, CHRISTINE HIU-TUNG

13)BRAIN, CHRISTOPHER THOMAS

14)LAGU, BHARAT

15)WANG, YAPING

16)KIM, SUNKYU

17)GRIALDES, JOHN

18)LUZZIO, MICHAEL JOSEPH

19)PEREZ, LAWRENCE BLAS

(57) Abstract :

The invention provides compounds of the formula (I): and salts, tautomers, solvates and N-oxides thereof; wherein Q is CH or N; X is N, N+-o- or CR₃; Y is N, N+-Cr or CR_{3a}; R₁ and R₂ are independently selected from hydrogen and various substituents as defined in the claims; or R₁ and R₂ together with the atoms to which they are attached, link to form an optionally substituted carbocyclic or heterocyclic aromatic or non-aromatic ring of 4 to 7 members; R₃ is selected from hydrogen and various substituents; and R_{3a} is selected from hydrogen and various substituents as defined in the claims. Also provided are pharmaceutical compositions containing the compounds of formula (I), processes for making the compounds and the medical uses of the compounds. The compounds of formula (I) have activity as inhibitors of CDK kinases and are useful in the treatment of inter alia proliferative diseases such as cancers.

No. of Pages : 277 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8799/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : ELECTRONIC COUNTING OF SEALING CYCLES OF AN ULTRASONIC SEALING DEVICE IN A PACKAGING MACHINE

(51) International classification	:B06B 1/02
(31) Priority Document No	:09161595.5
(32) Priority Date	:29/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/057280
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/136505
	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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CH-1009 PULLY Switzerland
(72)**Name of Inventor :**
1)GUERRI, ROSSANO
2)MELANDRI, ANTONIO
3)BONI, ANGELO

(57) Abstract :

Packaging machine (1) operable to produce sealed packages (8) made of heat-seal packaging material (3) and containing a food product and comprising an ultrasonic sealing device (12) including an electrical power signal source(19) opearable to generate an electrical power signal (Vus); an ultrasonic transducer(20) electrically coupled to the electrical power signal source(19) to receive the electrical power signal (Vus) and responsively heat seal the sheet packaging material (3); and an electronic counter(10) operable to count the ultrasonic sealing cycles of the ultrasonic sealing device (12).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.88/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/01/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : NON-FOIL PACKAGING LAMINATE, METHOD FOR MANUFACTURING OF THE PACKAGING LAMINATE AND PACKAGING CONTAINER PRODUCED THEREOF

(51) International classification	:B23B27/10
(31) Priority Document No	:0900950-7
(32) Priority Date	:08/07/2009
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/EP2010/004066
Filing Date	:06/07/2010
(87) International Publication No	:WO 2011/003565
	A3
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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CH-1009 PULLY Switzerland

(72)Name of Inventor :

1)TOFT, NILS

2)WIJK, MAGNUS

3)RABE, MAGNUS

4)EHRENBERG, EVA

(57) Abstract :

The present invention relates to a non-foil packaging laminate for liquid food packaging comprising a layer of paper or other cellulose-based material (11), outermost liquid tight, heat scalable layers of polyolefin-based polymers (14,15) and, vapour-deposition coated onto the inner side of the layer of paper or cellulose-based material, an induction heat susceptible metal coating (12). The invention also relates to a method for manufacturing of the packaging laminate, to a packaging container that is made from the packaging laminate and to a method of induction heat sealing the packaging laminate into packaging containers.

No. of Pages : 45 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8875/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : SPINDLE FOR A DRUG DELIVERY DEVICE

(51) International classification :A61M5/315

(31) Priority Document No :61/182,856

(32) Priority Date :01/06/2009

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

(86) International Application No :PCT/EP2010/057486

Filing Date :28/05/2010

(87) International Publication No :WO 2010/139640

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)PLUMPTRE, DAVID

(57) Abstract :

A spindle (242; 414; 542; 642) for driving a bung of a cartridge is provided. The spindle includes a generally circular shaft having an outer surface (560). The generally circular shaft extends from a distal end to a proximal end of said circular shaft. A first helical groove (219; 519; 619) is provided along a first portion of the outer surface. The first helical groove having a first pitch. A second helical groove (221; 521; 621) provided along a second portion of the outer surface of the generally circular shaft. The second helical groove overlapping the first helical groove. The second helical groove having a second pitch.

No. of Pages : 62 No. of Claims : 15

(54) Title of the invention : O-IMINO-ISO-UREA COMPOUNDS AND POLYMERIZABLE COMPOSITIONS THEREOF

(51) International classification :C07C275/70
 (31) Priority Document No :09159604.9
 (32) Priority Date :07/05/2009
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2010/056063
 Filing Date :05/05/2010
 (87) International Publication No :WO 2010/128062
 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)NESVADBA, PETER**2)BUGNON FOLGER, LUCIENNE****3)CARROY, ANTOINE****4)FALLER, MARC****5)SPONY, BRUNO**

(57) Abstract :

The invention relates to the use of O-imino-iso-urea compounds as source of radicals to polymerizable compositions comprising these O-imino-iso-urea and to new O-imino-iso-urea compounds. The O-imino-iso-ureas compounds are compounds of the formula (I) n is 1, 2, 3 or 4, R100 and R101 are independently H, C1-18 alkyl, C3-C12cycloalkyl, C6-C14aryl, C1-C14heteroaryl, C7-C15aralkyl, C2-C14heteroaralkyl, Cyano, or R100 and R101 form together with the carbon to which they are attached a mono or polycyclic C3-C18carbocyclic or C1-C18 heterocyclic ring; R102 and R103 are independently C1-C13alkyl, C3-C12cycloalkyl, C6-C14aryl, C6-C14aryl once or more than once substituted by C1-C18alkyl; C7-C15aralkyl, (CH3)3Si-; or R102 and R103 are CrC18alkyl, C3-C12cycloalkyl, C6-C14aryl, C7-C15aralkyl or R102 and R103 are C1-C18alkyl, C3-C12cycloalkyl which are interrupted or substituted by O or by N containing groups selected from C1-C18alkylamino, bis(C1-C18alkyl)amino or tris(C1-C18alkyl)ammonium; R104 if n is 1 is H, CrC18alkyl, C3-C12cycloalkyl, C7-C14aralkyl, C6-C14aryl or acyl selected from the group consisting of the following acyls -C(=O)-H, -C(=O)-CrC18alkyl, -C(=O)-C2-C18alkenyl, -C(=O)-C6-C14aryl, -C(=O)-C2-C18alkenyl-C6-C14aryl, -C(=O)-O-C1-C18alkyl, -C(=O)-O-C6-C14aryl, -C(=O)-NH- C1-C18alkyl, -C(=O)-NH-C6-C14aryl and -C(=O)-N(C1-C18alkyl)2; or R102 and R104 if n is 1 form together with the nitrogen atom to which they are attached a 5 to 12 membered ring which may contain additional heteroatoms, R104 if n is more than 1 is di-, tri-, tetra-C1-C18alkylidene, diacyls, triacyls or tetraacyls and salts thereof.

No. of Pages : 45 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8877/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : APPARATUS AND METHOD FOR PREDICTIVE OVER-DRIVE DETECTION

(51) International classification :H03F1/32
(31) Priority Document No :12/477,990
(32) Priority Date :04/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/032155
Filing Date :23/04/2010
(87) International Publication No :WO 2010/141160 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)BARNES, VINCENT, C.

(57) Abstract :

A method and apparatus for efficient drive level selection for, e.g., power amplifiers (208) utilized within a wireless communication system, which utilizes digital predistortion (DPD) to adaptively and predictively select drive level. The DPD, e.g., increases the power amplifier's efficiency while maintaining spectral mask compliance within the designated frequency band of transmission. The method first determines a peak amplitude of an undistorted waveform that is to be transmitted (502), and the predicts the maximum power that is to be transmitted by the power amplifier (208) after the undistorted signal has been predistorted (508). An over-drive metric is then calculated based upon the predicted drive level of the power amplified (208), which indicates whether or not the cascade of the predistorted (202) and the power amplifier (208) is predicted to operate linearly. The over-drive metric may then be used to ensure optimal power amplified performance, thereby eliminating the need to use overly conservative power amplified drive settings.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8744/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : COMPOSITION AND METHOD FOR CONTROLLING PLANT DISEASES

(51) International classification	:A01N37/30
(31) Priority Document No	:2009-125902
(32) Priority Date	:25/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059054
Filing Date	:21/05/2010
(87) International Publication No	:WO 2010/137675
	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)KURAHASHI, MAKOTO

(57) Abstract :

The present invention provides: a composition for controlling plant diseases comprising, as active ingredients, 4-OXO-4-[(2-phenylethyl)amino]-butyric acid and tolclofos-methyl; a method for controlling plant diseases which comprises applying effective amounts of 4-oxo-4-[(2-phenylethyl)amino]-butyric acid and tolclofos-methyl to a plant or soil for growing plant; and so on.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8746/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : HERBICIDAL COMBINATIONS COMPRISING TEFURYLTRIONE FOR USE IN RICE CROPS

(51) International classification :A01N43/08
(31) Priority Document No :09007060.8
(32) Priority Date :27/05/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/003153
Filing Date :22/05/2010
(87) International Publication No :WO 2010/136165
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)HACKER, ERWIN
2)ROSINGER, CHRISTOPHER, HUGH
3)UENO, CHIEKO
4)BONFIG-PICARD, GEORG
5)ZIEMER, FRANK

(57) Abstract :

Herbicidal combinations comprising tefuryltrione for use in rice crops A description is given of herbicidal compositions comprising A) tefuryltrione and B) at least one additional herbicide. These compositions exhibit a superior action in comparison with the herbicides applied separately.

No. of Pages : 24 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8747/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : EXPANDED ARTICLES WITH EXCELLENT RESISTANCE TO SOLAR RADIATION AND OPTIMUM THERMOINSULATING AND MECHANICAL PROPERTIES

(51) International classification	:C08J9/00
(31) Priority Document No	:MI2009A000764
(32) Priority Date	:05/05/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/000923
Filing Date	:23/04/2010
(87) International Publication No	:WO 2010/128369
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)PONTICIELLO, ANTONIO
3)GHIDONI, DARIO

(57) Abstract :

Thermoinsulating expanded articles with improved resistance to solar irradiation, which comprise an expanded polymeric matrix, obtained by expansion and sintering of beads/granules of a vinyl aromatic (co)polymer, in whose interior a filler is homogeneously dispersed, which comprises at least one athermanous material selected from coke, graphite and carbon black and optionally an active inorganic additive within the wave-lengths ranging from 100 to 20,000 cm⁻¹ . The polymeric matrix comprises a copolymer of styrene and at least one vinyl aromatic co monomer substituted in the ring or on the vinyl group and/or a mixture of polystyrene and up to 10% by weight, with respect to the mixture, of a thermoplastic polymer compatible with polystyrene and having a Tg (glass transition temperature) > 100°C.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8748/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR CONTROLLING TEMPERATURE IN A FOREHEARTH

(51) International classification :C03B7/06
(31) Priority Document No :12/434,354
(32) Priority Date :01/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/031855
Filing Date :21/04/2010
(87) International Publication No :WO 2010/126754 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)OWENS-BROCKWAY GLASS CONTAINER INC.
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PERRYSBURG, OHIO 43551 U.S.A.
(72)Name of Inventor :
1)PERRY, PHILIP, D.
2)SUNG, C., OSCAR
3)GAERKE, DALE, A.

(57) Abstract :

Systems and methods are provided for controlling temperature in a glass forehearth (11). In one implementation, a system includes at least one burner (24) disposed in the forehearth, a manifold (22) coupled to the burner, a combustion fuel supply (26) coupled to the burner, a combustion air blower (20) for delivering ambient air under pressure to the manifold, and a controller (30) coupled to the burner for controlling operation of the burner. The system may include a temperature sensor (36) operatively coupled downstream of the blower for providing to the controller a temperature signal indicative of temperature of air delivered to the manifold by the blower. The controller may be responsive to the temperature signal for controlling operation of the burner as a function of current temperature of air fed to the manifold. Operation of the burner may also be controlled as a function of an average air temperature over a preceding time duration.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8749/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD FOR THE MANUFACTURE OF AMINO ALKYLENE PHOSPHONIC ACIDS

(51) International classification :C07F9/38
(31) Priority Document No :09161397.6
(32) Priority Date :28/05/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/057425
Filing Date :28/05/2010
(87) International Publication No :WO 2010/136566
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)NOTTE, PATRICK
2)PIRARD, CEDRIC NICOLAS
3)LEMIN, DAVID

(57) Abstract :

A method for the manufacture of aminoalkylene phosphonic acids broadly is disclosed. In the essence, an amine corresponding to a specific formula is reacted in. aqueous medium with phosphorous acid and formaldehyde to thereby yield a medium insoluble reaction product. The insoluble product formed i.e., the aminoalkylene phosphonic acid can be separated, optionally washed, and recovered. This process yields high purity and selectivity reaction products. The excess phosphonic acid can be recycled into the processing sequences.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.875/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : ULTRASONIC BLOOD VESSEL INSPECTING APPARATUS

(51) International classification	:A61B8/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/JP2009/062909
Filing Date	:16/07/2009
(87) International Publication No	:WO 2011/007439
	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)SUZUKI, HIDENORI

2)IKUBO, KATSUSHI

3)HARADA, CHIKAO

4)MASUDA, HIROSHI

(57) Abstract :

Providing an ultrasonic blood vessel inspecting apparatus which is capable of obtaining a clear ultrasonic image of a blood vessel, even where an operator's manipulation skill is low. Cross sectional blood vessel image generating means 82 successively generates a longitudinal cross sectional image of the blood vessel located below a skin of a live body 14, by using an ultrasonic probe 24 placed on the skin of the live body 14, and index value calculating means 84 calculates a front wall portion image clarity index value XCRp indicative of a degree of clarity of an image of a front wall portion of an intima-media complex existing within the longitudinal cross sectional blood vessel image, and a back wall portion image clarity index value XCRB indicative of a degree of clarity of an image of a back wall portion of the intima-media complex existing within the above-described longitudinal cross sectional blood vessel image. Accordingly, the operator can position the ultrasonic probe 24 so as to increase the degrees of clarity of the images of the front wall portion and back wall portion within the above-described longitudinal cross sectional blood vessel image, on the basis of the front wall portion image clarity index value XCRF and the back wall portion image clarity index value XCRB, SO that the longitudinal cross sectional blood vessel image can be obtained with a high degree of clarity, even where the operator's manipulation skill is low.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8750/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD OF MANUFACTURING LIQUID CRYSTAL PANEL, GLASS SUBSTRATE FOR LIQUID CRYSTAL PANEL, AND LIQUID CRYSTAL PANEL INCLUDING THE SAME

(51) International classification	:G02F1/1368
(31) Priority Document No	:2009-110689
(32) Priority Date	:30/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/052849
Filing Date	:24/02/2010
(87) International Publication No	:WO 2010/125847
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)YAMAZAKI, IKUSHI

(57) Abstract :

A method of manufacturing a liquid crystal panel according to the present invention includes the steps of simultaneously forming a gate electrode (41) of a TFT (40) and a lower layer (51) of a marking pad (50), simultaneously forming a gate insulating film (42) of the TFT (40) and a protective insulating film (52) covering the lower layer (51), performing various film deposition processes and patterning processes while the lower layer (51) is covered with the protective insulating film (52), exposing a main surface of the lower layer (51) except for its periphery by removing at least a part of the protective insulating film (52), simultaneously forming a pixel electrode (46) and an upper layer (56) of the marking pad (50) covering the main surface of the lower layer (51) in a portion not covered with the protective insulating film (52), and providing marking by providing a through hole (58) by irradiating the marking pad (50) with laser beams (100). Thus, the marking pad including a metal film provided on a glass substrate for a liquid crystal panel can be prevented from corroding in a production process.

No. of Pages : 41 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8751/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD AND COMPOSITION FOR TREATING DIABETIC KETOACIDOSIS

(51) International classification	:A61K31/4025
(31) Priority Document No	:61/174,283
(32) Priority Date	:30/04/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/033083
Filing Date	:30/04/2010
(87) International Publication No	:WO 2010/127197 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)GULATI, ANIL

(57) Abstract :

Methods of treating diabetic ketoacidosis are disclosed. The methods utilize an endothelin antagonist to treat diabetic ketoacidosis in mammals, including humans.

No. of Pages : 72 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8752/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :25/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : SEPARATING AGENT FOR OPTICAL ISOMER

(51) International classification	:G01N30/88
(31) Priority Document No	:2009-110431
(32) Priority Date	:30/04/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057581
Filing Date	:28/04/2010
(87) International Publication No	:WO 2010/126087
	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)NATIONAL UNIVERSITY CORPORATION NAGOYA UNIVERSITY

(72)Name of Inventor :
1)YASHIMA, EIJI
2)TAMURA, KAZUMI

(57) Abstract :

Disclosed is a separating agent for optical isomer which is excellent in optical separation ability. Specifically disclosed is a separating agent for optical isomer comprising: an inclusion complex including a π -conjugated polymer in a polymer compound having a hydroxy group or an amino group; and a carrier, the inclusion complex being carried by the carrier.

No. of Pages : 48 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8827/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR VIBRATION DAMPING AND SHAPE CONTROL OF A SUSPENDED METAL STRIP

(51) International classification	:B21B37/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2009/056698
Filing Date	:01/06/2009
(87) International Publication No	:WO 2010/139354
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)MOLANDER, MATS
2)STAL, ROBERT
3)RYBING, PETER

(57) Abstract :

In accordance with the invention, a method for vibration damping and shape control of a suspended metal strip is provided. The method comprises the steps of: measuring distance to the metal strip 1 by a plurality of non-contact sensors 3, providing distance measurements; generating a deflection profile based on the distance measurements; decomposing the deflection profile to a number of base shapes I, II, III, IV, V; and controlling the deflection profile by a plurality of non-contact actuators m22a , 2 a 2a 2 a i 2a' 2 a' 2a1 2a' , m2 ,...,mi ,...,mn and w , , m2 ,...,ml mi , the step of controlling comprising providing for each of the base shapes I, II, III, IV, V a corresponding combination of force profiles.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8828/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : LIGHTING DEVICE, DISPLAY DEVICE AND TELEVISION RECEIVER

(51) International classification :F21S2/00
(31) Priority Document No :2009-134190
(32) Priority Date :03/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/054194
Filing Date :12/03/2010
(87) International Publication No :WO 2010/140413
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)KUROMIZU, YASUMORI

(57) Abstract :

A backlight device 12 includes a hot cathode tube 17, a chassis 14, a diffuser 3 0 and a support member 20. The chassis 14 houses the hot cathode tube 17 and has an opening 14b for light from the hot cathode tube 17 to pass through. The diffuser 30 is provided to face the hot cathode tube 17 and cover the opening 14b. The support member 2 0 supports the diffuser 3 0 on a side close to the hot cathode tube 17. The chassis 14 includes a portion that faces the diffuser 3 0 and is defined in a light source installation area LA in which the hot cathode tube 17 is arranged and an empty area LN in which no hot cathode tube 17 is arranged. The diffuser 3 0 has light reflectance higher in a light source overlapping portion DA than in a empty area overlapping portion DN. The diffuser 30 has maximum light reflectance Rmax and minimum light reflectance Rmin, and the support member 20 is provided in a portion that overlaps a portion of the diffuser 3 0 having light reflectance R that satisfies a formula .

No. of Pages : 91 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8829/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : LIGHTING DEVICE, DISPLAY DEVICE AND TELEVISION RECEIVER

(51) International classification :F21S2/00
(31) Priority Document No :2009-134211
(32) Priority Date :03/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/054196
Filing Date :12/03/2010
(87) International Publication No :WO 2010/140414
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)KUROMIZU, YASUMORI

(57) Abstract :

A lighting device achieves power saving and a moderate illumination brightness distribution without having local dark portions. A lighting device 12 includes a light source 17, a chassis 14 and an optical member 15a. The optical member 15a includes a light source overlapping portion DA that overlaps a light source installation area LA where the light source 17 is arranged. A light reflecting portion 50 is formed on at least the light source overlapping portion DA. The optical member 50 has maximum light reflectance Rmax and minimum light reflectance Rmin, and the maximum light reflectance Rmax is 40% or higher in the light source overlapping portion DA and an entire half-value width H having light reflectance of $(R_{\max} + R_{\min}) / 2$ occupies 25% to 80% in a transmission area TA of the optical member 15a through which the light from the light source transmits.

No. of Pages : 84 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8881/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : HINGE PLATE FOR CONNECTING A LEAF OR A SASH TO A FRAME SO AS TO BE HINGED ABOUT A HINGE AXIS

(51) International classification	:E05D11/00
(31) Priority Document No	:10 2009 025 917.1
(32) Priority Date	:04/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/056075
Filing Date	:05/05/2010
(87) International Publication No	:WO 2010/139515
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)HERGLOTZ, TIBOR
3)STEINFELD, INGO

(57) Abstract :

Invention relates to a hinge plate (100) for connecting a leaf of a door, or sash of a window, or , to a frame so as to be hinged about a hinge axis (S), comprising a frame hinge plate part (1) an be fastened to the frame and that has a frame fastening part (3) and a frame hinge part (4), a sash hinge plate part (2) that can be fastened to the leaf or sash and that has a leaf or sash part (5) and a leaf or sash hinge part (6), and a hinge pin (7) that defines the hinge axis (S), :in a primary coil (12) surrounding the hinge pin (7) is disposed in the frame hinge part (4), :in a secondary coil (19) surrounding the hinge pin (7) is disposed in the leaf or sash hinge part And wherein the hinge pin (7) is designed as a core for both coils (12, 19) which conducts flux lines. The hinge pin (7) comprises a support element for transmitting mechanical between the leaf or sash and the frame and a flux element for conducting magnetic flux lines the primary and the secondary coils (12, 19).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8884/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : DOSE SETTING MECHANISM FOR PRIMING A DRUG DELIVERY DEVICE

(51) International classification	:A61M5/315
(31) Priority Document No	:61/182,841
(32) Priority Date	:01/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/057485
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/139639
	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)JONES, CHRISTOPHER

(57) Abstract :

A method and system for priming a drug delivery device are provided. The drug delivery device includes a forced priming feature that requires the user to move the dose dial sleeve (3) axially to cause the spindle (5) to pre-load a cartridge bung before a first dose can be dialed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8886/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : PISTON HAVING A CENTRAL COOLING GALLERY WITH A CONTOURED FLANGE

(51) International classification	:F02F3/22
(31) Priority Document No	:12/434,713
(32) Priority Date	:04/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/032945
Filing Date	:29/04/2010
(87) International Publication No	:WO 2010/129388 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)SCHNEIDER, NORBERT

(57) Abstract :

A piston has an upper crown portion with an upper combustion wall against combustion forces act and a lower crown portion with a pair of pin bosses spaced for rec of a small end of a connecting rod therebetween. The upper crown portion and the crown portion form an outer oil gallery and a central oil gallery in fluid communication one another. The central oil gallery is formed in part by an annular flange extending inwardly from the outer oil gallery and upwardly toward the upper combustion wall, the edge forms an opening about a central axis of the piston and has a non-planar surface with depression aligned diametrically opposite one another across the opening: improve the oil flow throughout the central oil gallery.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8887/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : RESETTING MECHANISM FOR A DRUG DELIVERY DEVICE

(51) International classification :A61M5/315
(31) Priority Document No :61/182,820
(32) Priority Date :01/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/057483
Filing Date :28/05/2010
(87) International Publication No :WO 2010/139637
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)PLUMPTRE, DAVID
2)JONES, CHRISTOPHER

(57) Abstract :

A driver for driving a spindle of a drug delivery device is provided. Said driver comprises a first component (44; 207) and a second component (46; 212) rotationally coupled to said first component (44; 207). During resetting of said drug delivery device, said first component (44; 207) is rotationally decoupled from said second component (46; 212).

No. of Pages : 39 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.8888/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/11/2011

(43) Publication Date : 22/03/2013

(54) Title of the invention : ANTI-IL17F ANTIBODIES AND METHODS OF USE THEREOF

(51) International classification :A61K38/00

(31) Priority Document No :61/175,512

(32) Priority Date :05/05/2009

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

(86) International Application No :PCT/IB2010/001436

Filing Date :05/05/2010

(87) International Publication No :WO 2010/128407

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)MASTERNAK, KRZYSZTOF

2)ROUSSEAU, FRANCOIS

(57) Abstract :

This invention provides fully human monoclonal antibodies that recognize IL-17F and/or the heterodimeric IL-17A/IL-17F complex, but do not recognize IL-17 A. The invention further provides methods of using such monoclonal antibodies as a therapeutic, diagnostic, and prophylactic.

No. of Pages : 123 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.889/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : POWDERY OR GRANULATED COMPOSITION COMPRISING A COPOLYMER, A SALT OF A FATTY MONOCARBOXYLIC ACID AND A FATTY MONOCARBOXYLIC ACID AND/OR A FATTY ALCOHOL

(51) International classification	:C08K5/00	(71)Name of Applicant :
(31) Priority Document No	:PCT/EP2009/059861	1)EVONIK ROHM GMBH
(32) Priority Date	:30/07/2009	Address of Applicant :KIRSCHENALLEE, 64293
(33) Name of priority country	:PCT	DARMSTADT Germany
(86) International Application No	:PCT/EP2010/053447	(72)Name of Inventor :
Filing Date	:17/03/2010	1)ROTH, ERNA
(87) International Publication No	:WO 2011/012335	2)ALEXOWSKY, RUDIGER
	A1	3)PETEREIT, HANS-ULRICH
(61) Patent of Addition to Application	:NA	4)MEIER, CHRISTIAN
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a powdery or granulated composition comprising at least by 30 % by weight of a mixture of (a) a copolymer composed of polymerized units of c1 - to C4-alkyl esters of acrylic or methacrylic acid and of alkyl(meth)acrylate monomers with a tertiary amino group in the alkyl radical and (b) 5 to 28 % by weight based on (a) of a salt of a fatty monocarboxylic acid having 10 to 18 carbon atoms, and (c) 10 to 30 % by weight based on (a) of fatty monocarboxylic acid having 8 to 18 carbon atoms and/or a fatty alcohol having 8 to 18 carbon atoms.

No. of Pages : 31 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1105/CAL/1998 A

(19) INDIA

(22) Date of filing of Application :23/06/1998

(43) Publication Date : 22/03/2013

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF PROPYLENE TERPOLYMERS

(51) International classification :B29C49/00
(31) Priority Document No :972714
(32) Priority Date :24/06/1997
(33) Name of priority country :Finland
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

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2)BO MALM

3)PÄIVI PITKÄNEN

4)MIKA MELLER

5)ANNE BRITT BJÅLAND

6)NINA ACKERMANS

7)KSHAMA MOTHA

(57) Abstract :

The present invention discloses a process for producing terpolymer of propylene, ethylene and one C4 - C8 alpha-olefin, wherein the process is carried out in one or more slurry reactors in the presence of catalysts by feeding into a slurry reactor a reaction mixture containing 50-85 wt-% of propylene, 1-10 wt-% of ethylene, 15-40 wt-% of C4 - C8 alpha-olefin, a catalyst system capable of providing olefin polymerization and optionally hydrogen; polymerizing said reaction mixture at a temperature of 60 to 70 °C, and under pressure of 30 to 90 bar for a sufficient time to obtain a propylene terpolymer amounting to 50-99 wt-% of the end product; transferring said reaction mixture into a gas phase reactor operated at a temperature of 60 to 90 °C, and continuing polymerization in said gas phase reactor, into which additional amounts of 0 to 30 wt-% of ethylene, 0 to 10 wt-% of C4 - C8 alpha-olefin, 0 to 40 wt-% of propylene and optionally hydrogen are added for producing a propylene terpolymer amounting to 1 to 50 wt-% of the end product whereby a terpolymer is obtained having a melting temperature of between 126°C to 132°C.

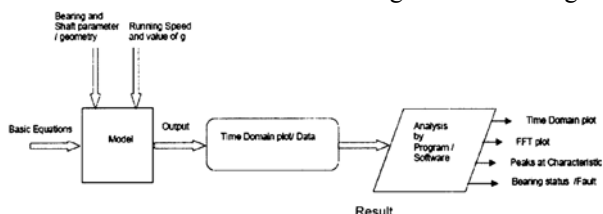
No. of Pages : 24 No. of Claims : 12

(54) Title of the invention : A SYSTEM AND A METHOD TO MONITOR AND DIAGNOSE THE BEARING DEFECT OF MACHINE, RUNNING AT SLOW SPEED

(51) International classification	:F03D1/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)STEEL AUTHORITY OF INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :RESEARCH & DEVELOPMENT
(33) Name of priority country	:NA	CENTRE FOR IRON & STEEL, DORANDA, RANCHI-834002
(86) International Application No	:NA	Jharkhand India
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)MANDAL, CHIRANJAN
(61) Patent of Addition to Application Number	:NA	2)PRASAD, RAVI, RANJAN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a system and a method adapted to monitor and diagnose the bearing defect of machine which is running at a low speed. The system is provided to monitor and diagnose the bearing defect/fault of a machine/equipment which is running at a low speed. The system comprising a model means to process (simulation) a set of predetermined data(input parameter - bearing parameter) and output time domain (time- acceleration/amplitude) plot of said (simulation output) set of data, atleast one accelerometer/sensor operatively connected with the machine means adapted to capture the fault signal of the bearing of the machine, atleast one data acquisition card means operatively connected with the accelerometer/sensor to collect data from sensor means and send the data to processor means via suitable cable connections and an analysis means comprising a processor means to diagnose the time domain data to monitor and diagnose the bearing defect of the machine.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1231/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :21/09/2011

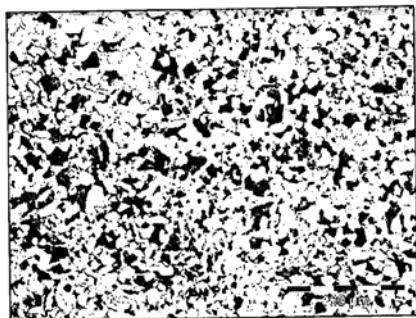
(43) Publication Date : 22/03/2013

(54) Title of the invention : A HIGH STRENGTH (UTS>500 MPa) HOT ROLLED STEEL PRODUCT AND PROCESS FOR ITS MANUFACTURE IN UNDERPOWERED MILLS

(51) International classification	:B21B37/76	(71)Name of Applicant :
(31) Priority Document No	:NA	1)STEEL AUTHORITY OF INDIA LIMITED
(32) Priority Date	:NA	Address of Applicant :RESEARCH & DEVELOPMENT
(33) Name of priority country	:NA	CENTRE FOR IRON & STEEL, DORANDA, RANCHI-834002,
(86) International Application No	:NA	Bihar India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)BHAKAT ASIT KUMAR
(61) Patent of Addition to Application Number	:NA	2)PRADHAN MINA KETAN
Filing Date	:NA	3)MUKHOPADHYAY SUSANTA
(62) Divisional to Application Number	:NA	4)JHA BIMAL KUMAR
Filing Date	:NA	5)MUKERJEE DEBASIS

(57) Abstract :

A high strength hot rolled steel (UTS>500 MPa) product with high formability and a process for production of such steel product is disclosed wherein maximum load in the finishing strand is limited to 25 Mega Newton (MN). More particularly, the invention is directed to producing low carbon low alloy steel with high strength e.g. UTS >500 MPa accompanied with lower YS/UTS ratio (<0.85) and good hole expansion ratio (λ >140%), and good ductility (>15%) to favour ability of the sheared edges of the steel sheets/ plates to undergo forming operations without cracking. The steel grade is having the phases of ferrite and pearlite in the microstructures. Such homogeneous micro structures simultaneously provide higher hole expansion ratio (λ >140%) in the resulting steel and thereby making this grade suitable for a variety of applications including electric poles, tubes, welded pipes, high mast lighting poles, wind poles, camera poles etc.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1232/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :21/09/2011

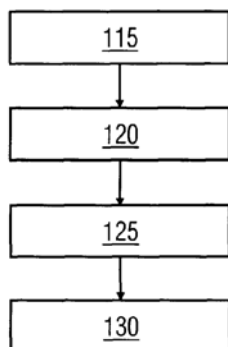
(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD AND SYSTEM FOR DETECTING A TOXIC AGENT

(51) International classification	:A61K49/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:NA	Address of Applicant :WITTELSBACHERPLATZ 2 80333
(33) Name of priority country	:NA	MÜNCHEN GERMANY
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ANAL CHAVAN
(87) International Publication No	: NA	2)ANTONY LOUIS PIRIYAKUMAR DOUGLAS
(61) Patent of Addition to Application Number	:NA	3)VENKATASUBRAMANIAM KALAMBR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method and a system for detecting the presence of at least one toxic agent in water, wherein the method comprises contacting at least a portion of the water with an amount of substance having a bioluminescence property, acquiring luminescence data of the substance in the water, computing an intensity of luminescence from the luminescence data of the substance, and comparing the intensity with a threshold intensity to detect the presence of at least one toxic agent.



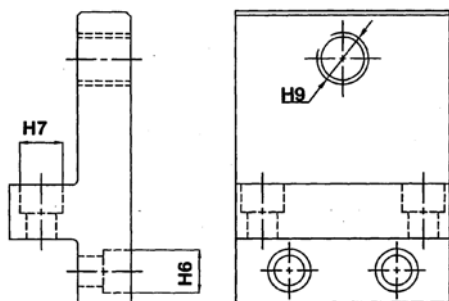
No. of Pages : 22 No. of Claims : 18

(54) Title of the invention : A CLAMPING DEVICE FOR MACHINING OF GUIDE RING OF HIGH PRESSURE CONTROL VALVE OF STEAM TURBINE GOVERNING SYSTEM

(51) International classification	:F01B	(71)Name of Applicant :
(31) Priority Document No	29/12	1)BHARAT HEAVY ELECTRICALS LIMITED
(32) Priority Date	:NA	Address of Applicant :REGIONAL OPERATIONS
(33) Name of priority country	:NA	DIVISION (ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
(86) International Application No	:NA	KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091,
Filing Date	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
(87) International Publication No	: NA	FORT, NEW DELHI-110049, INDIA
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ANKUR MEGHANI
(62) Divisional to Application Number	:NA	2)SUDHIR JOSHI
Filing Date	:NA	

(57) Abstract :

The invention relates to a clamping device for machining of guide ring of High Pressure Control Valve of Steam Turbine governing system, comprising : a frame having a top plate with a plurality of holes; at least four beams rigidly joined to each other; a hollow pipe attached substantially centrally to the frame; a bottom plate having at least two holes for fixing the frame with the base of the CNC vertical milling machine; a plurality of external supports releasably attached vertically and horizontally to the top plate via holes and clamp screws, the external supports each has a plurality of holes; a plurality of internal supports having a plurality of holes are screwably fastener to the top cover; a plurality of external clamps each having a first radial surface for clamping the outer diameter of the guide rings, the external clamps comprising holes; a plurality of internal clamps each having a second radial surface for clamping the internal diameter of the guide rings at three positions equispaced at an angle of 120°, the internal clamps comprising a plurality of holes; a plurality of spindles having each a threaded portion and a plurality of holes, the external clamps and the internal clamps are connected to the spindles via holes and sockets; and the threaded portion of the spindle provided with an allowance to accommodate different sizes of guide rings and enabled to be rigidly screwed upon clamping the guide rings.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1912/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/07/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD AND APPARATUS OF TRANSMITTING A SPATIAL STREAM FOR MU - MIMO IN A WIRELESS LOCAL AREA NETWORK SYSTEM

(51) International classification :H04B7/04,H04B7/26
(31) Priority Document No :61/299,353
(32) Priority Date :29/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2011/000601
Filing Date :28/01/2011
(87) International Publication No :WO 2011/093668
(61) Patent of Addition 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)LEE, Dae Won
2)SEOK, Yong Ho

(57) Abstract :

A method of transmitting a spatial stream for multi user(MU) - multiple input multiple output(MIMO) in a wireless local area network system, performed by a transmitter is provided. The method includes transmitting, to a receiver, a management frame including group information to assign or change a position of a plurality of spatial streams corresponding to each of a plurality of groups, and transmitting, to the receiver, a frame including at least one spatial stream, wherein the group information includes a plurality of group indicators and a plurality of spatial stream(SS) indicators, each of the plurality of group indicators indicating whether or not the receiver is a member of each of the plurality of groups, each of the plurality of SS indicators indicating a position of the plurality of spatial streams corresponding to each of the plurality of groups.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1913/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/07/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : REVERSE AMIDE COMPOUNDS AS PROTEIN DEACETYLASE INHIBITORS AND METHODS OF USE THEREOF

(51) International classification :C07D239/42,C07C233/78,A61K31/505
(31) Priority Document No :61/336,460
(32) Priority Date :22/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/021982
Filing Date :21/01/2011
(87) International Publication No :WO 2011/091213
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)VAN DUZER, John, H.
2)MAZITSCHK, Ralph
3)OGIER, Walter
4)BRADNER, James, Elliott
5)HUANG, Guoxiang
6)XIE, Dejian
7)YU, Nan

(57) Abstract :

The present invention relates to novel reverse amide compounds comprising a zinc chelator group, and the use of such compounds in the inhibition of HDAC6 and in the treatment of various diseases, disorders or conditions related to HDAC6.

No. of Pages : 109 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1914/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/07/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : ELECTRIC CURRENT DETECTOR AND CORE COMPONENT USED FOR SAME

(51) International classification :G01R15/20
(31) Priority Document No :2010-016117
(32) Priority Date :28/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/068553
Filing Date :21/10/2010
(87) International Publication No :WO 2011/092907
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SHT Corporation Limited
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(72)Name of Inventor :
1)YOSHIMORI, Hitoshi
2)YOSHIMORI, Takashi

(57) Abstract :

An electric current detector has, provided within an exterior case (1): an annular core (2) which has a magnetic gap (G); and a Hall element (41) which is located within the magnetic gap of the core (2) and detects the magnitude of an electric current passing through the core (2). The core (2) has a core component formed integrally therewith. The core component is configured by forming a mold resin section (3) on one or more portions of the core (2) so as to be disposed along the magnetic path of the core (2), and the mold resin section (3) covers the surface of the core (2) for a part of the entire length thereof along the magnetic path. The core component is affixed to the inside of the exterior case (1) with the surface of the mold resin section (3) in contact with the inner surface of the exterior case (1).

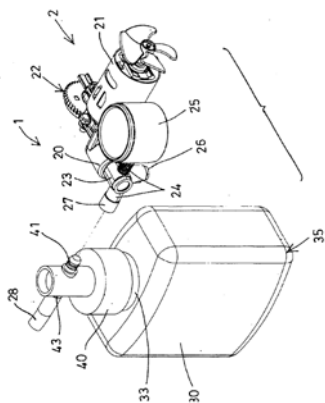
No. of Pages : 28 No. of Claims : 7

(54) Title of the invention : DEVICE FOR SEALING AND INFLATING INFLATABLE OBJECT

(51) International classification	:B29D30/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JHOU, WEN-SAN
(32) Priority Date	:NA	Address of Applicant :NO. 1-25, KANG WEI VILLAGE, AN-
(33) Name of priority country	:NA	DIN HSIANG, TAINAN HSIEN TAIWAN, REPUBLIC OF
(86) International Application No	:NA	CHINA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)JHOU, WEN-SAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A sealing and inflating assembly includes an air compressor for generating a pressurized air, a tire repairing container for receiving a sealing preparation having a mouth opening, an outlet piece attached to the mouth opening of the container for guiding the pressurized air to flow into the container, and having an inlet conduit for allowing the sealing preparation to flow out of the outlet piece, a pipe coupled to the inlet conduit of the outlet piece for directing and guiding the pressurized air to flow into an upper space of the container without flowing through the sealing preparation when the container is disposed upside down.



No. of Pages : 31 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1915/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/07/2012

(43) Publication Date : 22/03/2013

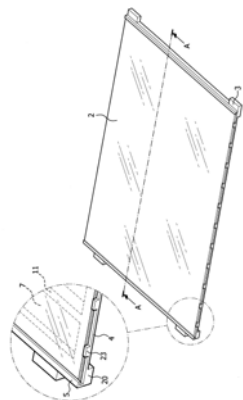
(54) Title of the invention : DEVICE, PANEL HOLDER AND SYSTEM FOR GENERATING ELECTRICITY FROM SOLAR RADIATION

(51) International classification :H01L31/052,H01L31/042,H01L31/048
(31) Priority Document No :2004206
(32) Priority Date :05/02/2010
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2011/050081
Filing Date :04/02/2011
(87) International Publication No :WO 2011/096810
(61) Patent of Addition 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)STASSEN, Petrus, Paulus, Carolus, Maria

(57) Abstract :

A device (1) for generating electrical energy from solar radiation comprises a panel holder (3) with a wall for supporting therewith on a surface and a solar panel (2) which supports on an upright edge of the panel holder extending from the wall. The wall, the solar panel and the upright edge bound a cavity space (7) in which at least one strengthening element (11) is provided which extends from the wall to a rear side of the solar panel facing toward the cavity space for additional support of the solar panel. An extremely stiff and strong device is thus provided which makes it possible with a thin solar panel to comply with the strength requirements for such devices.



No. of Pages : 24 No. of Claims : 19

(54) Title of the invention : METHOD FOR EFFICIENTLY PERFORMING COVERAGE LOSS OPERATION DURING SLEEP MODE IN A BROADBAND WIRELESS ACCESS SYSTEM

(51) International classification :H04B7/26,H04W52/02
 (31) Priority Document No :61/302,478
 (32) Priority Date :08/02/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/IB2011/000390
 Filing Date :08/02/2011
 (87) International Publication No :WO 2011/095895
 (61) Patent of Addition 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 :

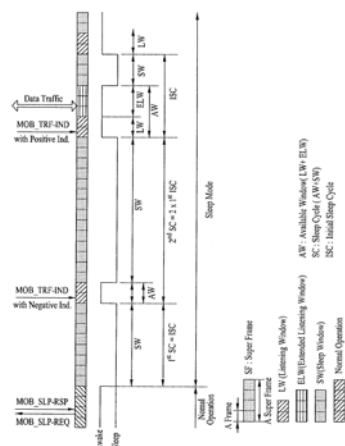
1)PARK, Gi, Won

2)RYU, Ki, Seon

3)KIM, Yong, Ho

(57) Abstract :

A method for detecting coverage loss during a sleep mode of a mobile station and an apparatus for performing the same are disclosed. The method for detecting coverage loss of a mobile station, which is operated in a sleep mode, in a broadband wireless access system comprises the steps of awaking regardless of a sleep window of a sleep cycle at a first time when a super frame header (SFH) is transmitted from a serving base station; detecting the super frame header; and operating for the sleep window or listening window in accordance with the sleep cycle if the detected result is successful, and awaking until the super frame header is successfully detected if the detected result is failed.



No. of Pages : 59 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1918/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :26/07/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : ROLLING MILL FOR LONG ARTICLES

(51) International classification :B21B13/10,B21B31/10,B21B35/04
(31) Priority Document No :MI2010A000672
(32) Priority Date :20/04/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2011/051222
Filing Date :23/03/2011
(87) International Publication No :WO 2011/132094
(61) Patent of Addition 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)MARIN, Paolo
2)PACHER, Marcello
3)PAVESI, Claudio
4)ZANELLA, Guido Emilio

(57) Abstract :

The present invention relates to a rolling mill 20 which defines a rolling axis X and comprises at least two rolling stations 22. At least one rolling station comprises a fixed structure 40, a roll-holder cartridge 24 and three actuators 32. The cartridge is connected removably to the fixed structure and comprises three rolling rolls 26. The rolls are movable radially and rotatable about three respective axes arranged at 120° from each other. The three actuators are mounted on the fixed structure and comprise pistons 50 movable along respective radial axes t arranged at 120° from each other. Each of the actuators is able, during use, to act on one of the rolls so as to impart a radial force suitable for rolling the article 44. The rolling mill 20 according to the invention is characterized in that the three actuators are of the single-stroke type and are arranged so that, when the pistons of two actuators are completely retracted to the end-of-travel stop of the working stroke, a path P is created free from obstacles and parallel to the axis of the third actuator. The path P which is created is such that allows the cartridge to pass out laterally on the opposite side to that where the third actuator is situated.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1930/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/07/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : LABEL APPLICATOR BELT SYSTEM

(51) International classification	:B65C9/34
(31) Priority Document No	:61/299,151
(32) Priority Date	:28/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/021968
Filing Date	:21/01/2011
(87) International Publication No	:WO 2011/094117
(61) Patent of Addition 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 :150 N. Orange Grove Blvd., Pasadena, CA 91103 UNITED STATES OF AMERICA

(72)**Name of Inventor :**
1)LORENCE, James, P.
2)PREVITY, Richard, A.
3)GREEN, Alan
4)WOZNICK, Frank, B.
5)POTTER, Craig, W.
6)WORM, Harry
7)SOFIE, Walt

(57) Abstract :

A label applicator system (1) is described comprising one or more, and preferably two, assemblies (10, 110) of rollers (30, 40) and belts (50). The assemblies (10, 110) are arranged relative to one another such that at least a portion of the belts (50, 150) of each assembly (10, 110) are aligned with one another to define an article (80) receiving lane. The assemblies (10, 110) are arranged and configured such that the lane extends in a zig-zag path, a relatively straight path, and/or an arcuate path. Selection of the lane geometry along with appropriate control of belt (50, 150) velocities enable high rates of applying labels (82) to articles (80) and particularly containers having compound curves.

No. of Pages : 56 No. of Claims : 77

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1931/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/07/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : DERIVATIVES OF BETULIN

(51) International classification :A01N45/00,A61K31/50,A61K31/56
(31) Priority Document No :61/303,520
(32) Priority Date :11/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/024174
Filing Date :09/02/2011
(87) International Publication No :WO 2011/100308
(61) Patent of Addition 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)GAO, Daxin
2)HAN, Nianhe
3)JIN, Zhimin
4)NING, Fangxian
5)TANG, Jun
6)WU, Yongyong
7)YANG, Heping

(57) Abstract :

The present invention relates to a compound characterized by Formula I or a pharmaceutically acceptable salt thereof, wherein R1, R2, R3, X, and Y are as described herein. Compounds of the present invention are useful for the treatment of HIV 1.

No. of Pages : 51 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1932/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/07/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHODS OF DIAGNOSING INFLAMMATORY DISEASES BY DETERMINING PYROGLUTAMATE-MODIFIED MCP-1 AND SCREENING METHODS FOR INHIBITORS OF GLUTAMINYL CYCLASE

(51) International classification :G01N33/574,G01N33/68
(31) Priority Document No :61/305,721
(32) Priority Date :18/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/052398
Filing Date :18/02/2011
(87) International Publication No :WO 2011/101433
(61) Patent of Addition 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)CYNIS, Holger
2)KLEINSCHMIDT, Martin
3)GANS, Kathrin
4)RAHFELD, Jens-Ulrich
5)DEMUTH, Hans-Ulrich
6)TAUDTE, Nadine

(57) Abstract :

The invention relates to a method to monitor treatment of an inflammatory disease or an inflammatory associated disease with the use of the ratio of N-terminal pyroglutamate modified MCP-1 (MCP-1 N1pE) : total concentration of MCP-1 within a biological sample as a biomarker and further concerns a novel method to determine the proportion of N-terminal pyroglutamate modified MCP-1 in relation to the total concentration of MCP-1 in biological samples. The invention also provides a diagnostic kit and a method for screening a glutaminy cyclase (QC) inhibitor or measuring the effectiveness of a glutaminy cyclase (QC) inhibitor.

No. of Pages : 113 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/07/2012

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : FISCHER-TROPSCH PROCESS IN A RADIAL REACTOR

(51) International classification :B01J19/24,B01J8/06,C07C1/04
(31) Priority Document No :1107070.3
(32) Priority Date :27/04/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/050256
Filing Date :06/02/2012
(87) International Publication No :WO 2012/146903
(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)GAMLIN, Timothy Douglas

(57) Abstract :

A process for the conversion of synthesis gas to higher hydrocarbons by contacting a gaseous stream comprising synthesis gas with a particulate Fischer Tropsch catalyst said process being carried out in a tubular reactor having an inlet and an outlet said outlet being located downstream of the inlet said reactor comprising one or more tubes having located therein one or more carriers for said particulate catalyst and cooling medium in contact with said tubes; wherein said catalyst carrier comprises: an annular container for holding catalyst in use said container having a perforated inner wall defining a tube a perforated outer wall a top surface closing the annular container and a bottom surface closing the annular container; a surface closing the bottom of said tube formed by the inner wall of the annular container; a skirt extending upwardly from the perforated outer wall of the annular container from a position at or near the bottom surface of said container to a position below the location of a seal; and a seal located at or near the top surface and extending from the container by a distance which extends beyond an outer surface of the skirt; said process comprising: (a) introducing the gaseous reactants through the inlet; (b) passing said reactants downwardly through said at least one tube to the upper surface of the or the first catalyst carrier where they pass into the passage defined by the inner perforated wall of the container before passing radially through the catalyst bed towards the perforated outer wall; (c) allowing reaction to occur as the synthesis gas contacts the catalyst; (d) passing unreacted reactant and product out of the container through the perforated outer wall and then upwardly between the inner surface of the skirt and the outer wall of the annular container until they reach the seal where they are directed over the end of the skirt and caused to flow downwardly between the outer surface of the skirt and the inner surface of the reactor tube where heat transfer takes place; (e) repeating steps (b) to (d) at any subsequent catalyst carrier; and (f) removing product from the outlet.

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

(54) Title of the invention : DEVICE FOR EMBOSSING WRAPPING FILMS

(51) International classification :B31F1/07
 (31) Priority Document No :10405023.2
 (32) Priority Date :09/02/2010
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2011/051417
 Filing Date :01/02/2011
 (87) International Publication No :WO 2011/098376
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)BOEGLI GRAVURES SA

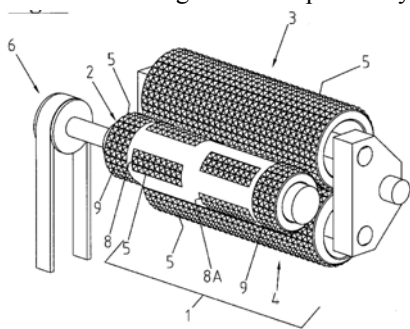
Address of Applicant :Rue de la Gare 24-26, CH-2074 Marin-Epagnier SWITZERLAND

(72)Name of Inventor :

1)BOEGLI, Charles

(57) Abstract :

The device for embossing wrapping foils comprises an embossing roller (2) and two counter rollers (3, 4), one of which (2) is driven via a drive (6), the embossing and the counter-rollers being designed in a pinup-pinup configuration, at least the embossing roller (2) having teeth (5) that project from the roller cylinder in the so called pinup-pinup configuration and the teeth (5) being pyramidal or conical and at least partly also serving for driving the counter-rollers, whereby the embossing roller and counter-rollers are designed for embossing logos (8, 8A) on a foil strip and for being utilizable in an online process, comprise means to avoid a pitching movement of the embossing roller independently of the number and length of gaps in or between logos and of the width of the foil strip.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1929/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/07/2012

(43) Publication Date : 22/03/2013

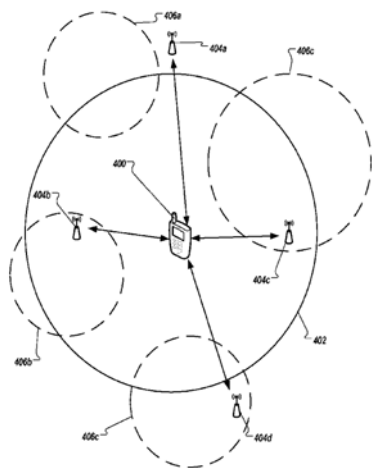
(54) Title of the invention : MANAGING A LOCATION DATABASE FOR NETWORK-BASED POSITIONING SYSTEM

(51) International classification :H04W64/00
(31) Priority Document No :12/688,806
(32) Priority Date :15/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/046707
Filing Date :25/08/2010
(87) International Publication No :WO 2011/087529
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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95014-2094 UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)HUANG, Ronald, K.
2)FISCHER, Markus
3)PYLAPPAN, Seejo

(57) Abstract :

Methods, program products, and systems for managing a location database are described. A server can receive location information from location aware mobile devices (e.g., GPS enabled devices) located within a communication range of access points of a wireless communications network. The server can calculate average geographic locations using the received locations for each access point. Based on the average geographic locations, the server can assign the access points to cells of a geographic grid. The server can filter the access points in each cell based on popularity, stability, longevity, and freshness of the access points and the received data. When a second mobile device connects to an access point in a cell, the location of the second mobile device can be determined based on locations of the access points in the cell and in neighboring cells.



No. of Pages : 62 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1937/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/07/2012

(43) Publication Date : 22/03/2013

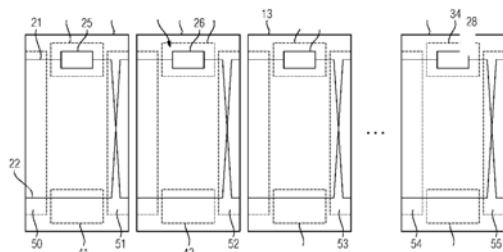
(54) Title of the invention : COMMUNICATION NETWORK FOR A RAILBORNE VEHICLE

(51) International classification :B61L15/00,H04L12/40
(31) Priority Document No :10 2010 010 074.9
(32) Priority Date :25/02/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/052686
Filing Date :23/02/2011
(87) International Publication No :WO 2011/104278
(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)SIEMENS AKTIENGESELLSCHAFT
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GERMANY
(72)Name of Inventor :
1)BEYER, Ralf
2)HAGER, Werner

(57) Abstract :

The present invention relates to a railborne vehicle (10) in particular a rail vehicle having a plurality of wagons (11,12,13,14) and a communication network (20) for transmitting data signals, which communication network (20) comprises two lines (21,22) which run through the wagons (11,12,13,14) of the vehicle. According to the invention, the vehicle (10) is designed in such a way that in each case one of the lines (21,22) runs in the wagons (11,12,13,14) in a first region (31,32,33,34), and the other of the lines (21,22) runs in a second region (41,42,43,44) which is spatially separate from the latter, in at least one of the wagons (for example 11) the course of the respective one line (21) changes from the first region (31) into the second region (42) and the course of the respective other line (22) changes from the second region (41) into the first region (32), and network components (25,26,27,28) for refreshing the data signals which are transmitted in the lines (21,22) are provided in the first region (31,32,33,34).



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

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING HISTORY OF INFORMATION ASSOCIATED TO TIME INFORMATION

(51) International classification :H04B1/40
 (31) Priority Document No :10-2010-0012931
 (32) Priority Date :11/02/2010
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2011/000930
 Filing Date :11/02/2011
 (87) International Publication No :WO 2011/099807
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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(72)Name of Inventor :

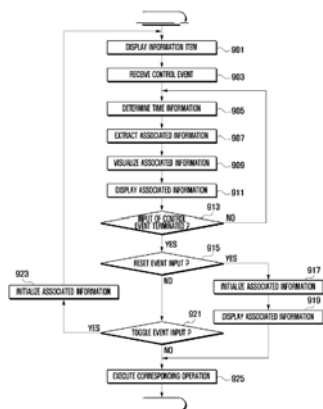
1)SEO Ae Jung

2)KIM Hyo Young

3)SHIN Seung Woo

(57) Abstract :

A method and an apparatus for providing a history of information associated with time information capable of displaying internal or external associated information associated with time information as one information item and capable of intuitively providing a history of information associated with a corresponding time by controlling time information are provided. The method for providing information in a mobile terminal includes, displaying an information item including a combination of time information and associated information, updating and displaying the associated information as time information goes by, extracting associated information corresponding to changed time information when the time information changes according to a control event, and displaying a history of associated information corresponding to the changed time information.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1924/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/07/2012

(43) Publication Date : 22/03/2013

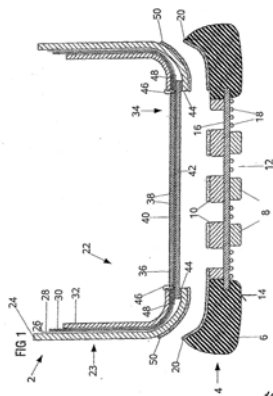
(54) Title of the invention : UPPER STRUCTURE FOR FOOTWEAR AND FOOTWEAR COMPRISING THE SAME

(51) International classification :A43B23/02,A43B9/02,A43B7/12
(31) Priority Document No :10 2010 006 150.6
(32) Priority Date :29/01/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/051013
Filing Date :26/01/2011
(87) International Publication No :WO 2011/092172
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Putzbrunn GERMANY
(72)**Name of Inventor :**
1)PEIKERT, Marc

(57) Abstract :

The invention relates to an upper structure (22) for footwear (2) comprising an upper base (34) having an innersole (36) permeable to water vapor and an upper base composite functional layer (38) and an upper region (23) having an upper material layer (24) and an upper composite functional layer (26). The sole-side upper end region is connected to the upper base (34) and the upper base composite functional layer (38) is designed as a double-layer structure.



No. of Pages : 46 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1925/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/07/2012

(43) Publication Date : 22/03/2013

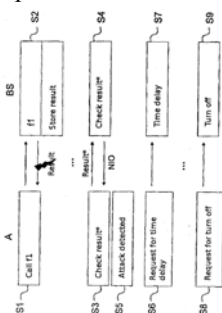
(54) Title of the invention : METHOD FOR EXECUTING AN APPLICATION

(51) International classification :G06F21/00
(31) Priority Document No :10 2010 006 572.2
(32) Priority Date :02/02/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/000451
Filing Date :01/02/2011
(87) International Publication No :WO 2011/095320
(61) Patent of Addition 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)JAUERING, Matthias
2)HILMER, Dorothee
3)HOLTMANN, Ludger
4)TREGER, Jörn
5)FLADEE, Ingeborg

(57) Abstract :

The invention describes a method for executing an application (A) which comprises executable native or interpretable code and calls functions of an operating system (BS) wherein the operating system (BS) transmits a result of a respective function call (f1) to the application (A). The method according to the invention is distinguished by the fact that the application (A) checks the result of a respective function call with regard to tampering in order to detect an attack.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1927/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/07/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : SNAP FLASK MOLDING DEVICE

(51) International classification :B22C11/00,B22C15/02,B22C19/04
(31) Priority Document No :2010-019142
(32) Priority Date :29/01/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/060463
Filing Date :21/06/2010
(87) International Publication No :WO 2011/092875
(61) Patent of Addition 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)TAKASU, Shuji
2)HADANO, Yutaka

(57) Abstract :

A snap flask molding device makes it possible to speedily recover a suspended machine. A sequencer (200) monitors each of the operating states of movable members (a lower squeeze board (4), a lower raised flask (6), an upper flask (10), a master plate (22), and an extrusion plate (32)), cylinders (a flask set squeeze cylinder (2), lower raised flask cylinders (5), an upper flask cylinder (9), a pattern shuttle cylinder (21), and a mold extrusion cylinder (31)), and a cylinder drive mechanism (a flask set squeeze cylinder drive mechanism (400) or the like), and performs machine suspension recovery support through the display of a display screen and the input operation of an input switch in an operation panel (a touch panel (300)) when the operating time from the start of operation to the arrival at a predetermined position has exceeded the set value of abnormal operating time in the working process of the snap flask molding device (100).

No. of Pages : 66 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1942/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/07/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : MANIKIN WITH SIMULATION OF AGONAL BREATHING

(51) International classification :G09B23/28,G09B23/32
(31) Priority Document No :20100316
(32) Priority Date :05/03/2010
(33) Name of priority country :Norway
(86) International Application No :PCT/EP2011/053267
Filing Date :04/03/2011
(87) International Publication No :WO 2011/107578
(61) Patent of Addition 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)KORNELIUSSEN, Kjell, Ove

(57) Abstract :

The present invention provides a manikin comprising a chest area and a head, for training of cardiopulmonary resuscitation (CPR). The manikin is distinctive in that it comprises a means for providing gasping movements of the head, and a means for simulating the sound of agonal breathing, which means are operatively connected to a device for actuating said means, for simulation of agonal breathing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1943/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/07/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR HIGH EFFICIENCY POWER GENERATION USING A CARBON DIOXIDE CIRCULATING WORKING FLUID

(51) International classification :F23L7/00,F23M5/00,F02C1/00
(31) Priority Document No :61/299,272
(32) Priority Date :28/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/022553
Filing Date :26/01/2011
(87) International Publication No :WO 2011/094294
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

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(72)Name of Inventor :

1)ALLAM, Rodney, John

2)PALMER, Miles, R.

3)BROWN, Glenn, William, Jr.

(57) Abstract :

The present invention provides methods and system for power generation using a high efficiency combustor in combination with a CO2 circulating fluid. The methods and systems advantageously can make use of a low pressure ratio power turbine and an economizer heat exchanger in specific embodiments. Additional low grade heat from an external source can be used to provide part of an amount of heat needed for heating the recycle CO2 circulating fluid. Fuel derived CO2 can be captured and delivered at pipeline pressure. Other impurities can be captured.

No. of Pages : 105 No. of Claims : 75

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1923/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/07/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : STYRENE PRODUCTION PROCESSES AND CATALYSTS FOR USE THEREIN

(51) International classification :B01J29/08,B01J29/00,C07C2/86
(31) Priority Document No :61/301,765
(32) Priority Date :05/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/022558
Filing Date :26/01/2011
(87) International Publication No :WO 2011/097096
(61) Patent of Addition 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)THORMAN, Joseph

(57) Abstract :

Styrene production processes and catalysts for use therein are described herein. The process generally includes providing a C1 source; contacting the C1 source with toluene in the presence of a catalyst disposed within a reactor to form a product stream including ethylbenzene, wherein the catalyst includes a nanocrystalline zeolite; and recovering the product stream from the reactor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1934/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/07/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : GASKETED PIPE CLAMP

(51) International classification :F16L21/08,F16L21/06,F16B2/08
(31) Priority Document No :61/296,939
(32) Priority Date :21/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/021857
Filing Date :20/01/2011
(87) International Publication No :WO 2011/091135
(61) Patent of Addition 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)GEESE, Brian, T.

2)IGNACZAK, Brian, T.

(57) Abstract :

A pipe clamp that includes a band having an inner surface defining a first channel segment located inwardly of first and second axial ends of the band a tightening mechanism for drawing first and second circumferential ends of the band toward each other to tighten the band and a bridge abutting the inner surface and circumferentially spanning a break in the first channel segment that is located at the tightening mechanism, The bridge has a second channel segment aligned with the first channel segment such that the first and second channel segments together define a substantially continuous circular channel located at an interior portion of the clamp. The pipe clamp further includes a gasket seated at least partially within the channel. The bridge can be attached to a reaction block used in the tightening mechanism to maintain proper position during tightening of the band.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1935/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/07/2012

(43) Publication Date : 22/03/2013

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

(51) International classification	:B66D1/36
(31) Priority Document No	:12/700,973
(32) Priority Date	:05/02/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/000209
Filing Date	:04/02/2011
(87) International Publication No	:WO 2011/097030
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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07656 UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)SMITH, Frederick, L.

(57) Abstract :

A compact windlass and a method of operating the windlass are disclosed for exerting a force upon a load along a selected direction of force. A drum is extended along a longitudinal axis of rotation and a line is engaged with a surface on the drum. The line is aligned with a line spooling direction transverse to the longitudinal axis of rotation for being spooled onto the drum by a line spooling mechanism located in close proximity with the surface of the drum and engaging the line at a line engagement location juxtaposed with the drum, in response to rotation of the drum in a spooling direction of rotation and off of the drum in response to rotation of the drum in an unspooling direction of rotation.

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1936/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :27/07/2012

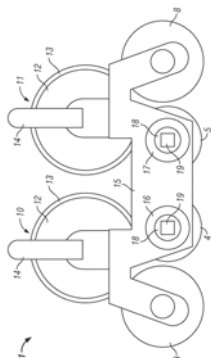
(43) Publication Date : 22/03/2013

(54) Title of the invention : WIRE HANDLING FOR VEHICLE GLAZING PANEL CUT OUT

(51) International classification	:B26D1/547,B65H49/00	(71)Name of Applicant :
(31) Priority Document No	:1002856.1	1)BELRON HUNGARY KFT-ZUG BRANCH
(32) Priority Date	:19/02/2010	Address of Applicant :Gotthardstrasse 20, CH-6304 Zug,
(33) Name of priority country	:U.K.	SWITZERLAND
(86) International Application No	:PCT/GB2011/050299	(72)Name of Inventor :
Filing Date	:16/02/2011	1)FINCK, William
(87) International Publication No	:WO 2011/101667	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A dispensing system for dispensing cutting wire to be used in a glazing panel cut out procedure has a mounting device with a docking station for docking a wire store device. The wire store device mounts on the docking station in order to dispense the wire. The mounting device can have a rotary means operable to pay out cutting wire from the system. The rotary means is controllable to adjust the applied torque required to operate the rotary means.



No. of Pages : 30 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1948/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/07/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : SYSTEM AND METHOD OF BONE PROCESSING

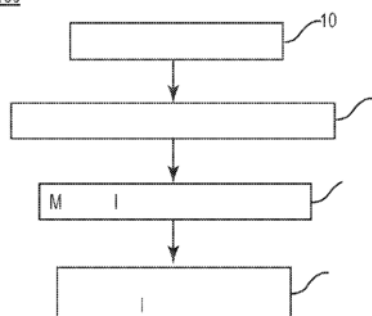
(51) International classification :A22C17/04,A61F2/46
(31) Priority Document No :12/683,707
(32) Priority Date :07/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/061988
Filing Date :23/12/2010
(87) International Publication No :WO 2011/084841
(61) Patent of Addition 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 :6743 Southpoint Drive, North,
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(72)Name of Inventor :
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2)SHADECK, Louis M.
3)OLIVER, Dana A.
4)NORMAN, Gerould W.
5)LITTLE, David J.

(57) Abstract :

A system and method of processing bone is disclosed. A tissue separator is utilized to separate tissue comprising at least one of muscle, periosteum and connective tissue from bone in a safe, sterile and efficient manner. In one aspect, the particle reducer can include an impeller (206) positioned with respect to a cutting surface on a drum (204). At least one of the impeller and the drum is rotated by a power source such that harvested tissue frictionally engages the cutting surface. In another aspect, a source of pressurized fluid can be directed at tissue to separate bone from non-bone tissue.

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No. of Pages : 31 No. of Claims : 34

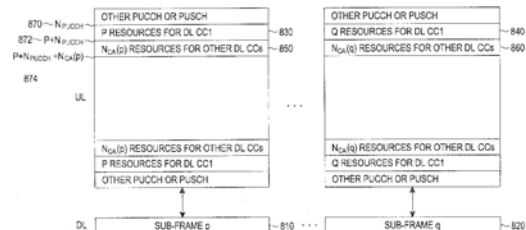
(54) Title of the invention : RESOURCE INDEXING FOR ACKNOWLEDGEMENT SIGNALS IN RESPONSE TO RECEPTIONS OF MULTIPLE ASSIGNMENTS

(51) International classification :H04L1/18,H04J11/00,H04W52/18
 (31) Priority Document No :61/293,008
 (32) Priority Date :07/01/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/KR2011/000080
 Filing Date :06/01/2011
 (87) International Publication No :WO 2011/083984
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)SAMSUNG ELECTRONICS CO., LTD.
 Address of Applicant :129, Samsung-ro Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742, Korea Republic of Korea
 (72)Name of Inventor :
1)PAPASAKELLARIOU, Aris
2)CHO, Joon-Young

(57) Abstract :

User Equipment (UE) transmits an acknowledgement signal in response to the reception of multiple Scheduling Assignments (SAs) transmitted by a base station. The SAs consist of Information Elements (IEs) including a Transmission Power Control (TPC) IE providing adjustments for the transmission power of the acknowledgement signal. The TPC IE in a first SA of the multiple SAs is used to provide the previous adjustments and the TPC IEs in the remaining of the multiple SAs are used to provide an indication of the resource used for the transmission of the acknowledgment signal.



No. of Pages : 39 No. of Claims : 15

(54) Title of the invention : HIGH POWER FEMTOSECOND LASER WITH ADJUSTABLE REPETITION RATE AND SIMPLIFIED STRUCTURE

(51) International classification :H01S3/02,H01S3/10
 (31) Priority Document No :12/712,086
 (32) Priority Date :24/02/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/026055
 Filing Date :24/02/2011
 (87) International Publication No :WO 2011/106510
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)ALCON LENSX, INC.

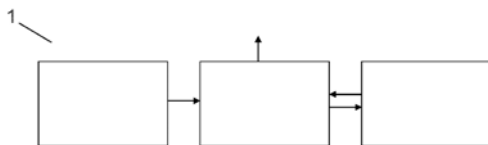
Address of Applicant :33 Journey, Suite 175, Aliso Viejo, California 92656 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)KARAVITIS, Michael

(57) Abstract :

Designs and techniques for constructing and operating femtosecond pulse lasers are provided. One example of a laser engine includes an oscillator that generates and outputs a beam of femtosecond seed pulses, a stretcher-compressor that stretches a duration of the seed pulses, and an amplifier that receives the stretched seed pulses, amplifies an amplitude of selected stretched seed pulses to create amplified stretched pulses, and outputs a laser beam of amplified stretched pulses back to the stretcher-compressor that compresses their duration and outputs a laser beam of femtosecond pulses. The amplifier includes a dispersion controller that compensates a dispersion of the amplified stretched pulses, making the repetition rate of the laser adjustable between procedures or according to the speed of scanning. The laser engine can be compact with a total optical path of less than 500 meters, and has a low number of optical elements, e.g. less than 50.



No. of Pages : 69 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1954/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/07/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : ASSEMBLY FOR USE WITH A SYRINGE

(51) International classification :A61M5/158,A61M5/32,A61M5/46
(31) Priority Document No :61/339,933
(32) Priority Date :12/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/028072
Filing Date :11/03/2011
(87) International Publication No :WO 2011/112916
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SID TECHNOLOGIES, LLC
Address of Applicant :2033 Trowbridge Drive, Newtown, PA
18940 UNITED STATES OF AMERICA
(72)Name of Inventor :
1)TSALS, Izrail
2)EVANS, Christopher
3)COSTELLO, Brian

(57) Abstract :

An assembly for use with a syringe having a barrel and a needle includes a sealing element surrounding and positioned over at least a portion of the distal end of the syringe. An adapter at least partially surrounds the sealing element and is positioned over the distal end of the syringe. The adapter has a first skin contacting surface positioned at a distal end thereof. At least a portion of the first skin contacting surface extends generally parallel to at least a terminal end of the needle. The adapter also has a second skin contacting surface positioned proximally relative to the terminal end of the needle and at an angle to the first skin contacting surface. A needle shield at least partially surrounds and is removably positioned over at least one of the adapter, the sealing element and the syringe barrel.

No. of Pages : 36 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1955/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/07/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : HIGH POWER FEMTOSECOND LASER WITH ADJUSTABLE REPETITION RATE

(51) International classification	:H01S3/10
(31) Priority Document No	:12/712,051
(32) Priority Date	:24/02/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/026031
Filing Date	:24/02/2011
(87) International Publication No	:WO 2011/106498
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ALCON LENSX, INC.

Address of Applicant :33 Journey, Suite 175, Aliso Viejo, California 92656 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)KARAVITIS, Michael

(57) Abstract :

Designs and techniques for constructing and operating femtosecond pulse lasers are provided. One example of a laser engine includes an oscillator that generates and outputs a beam of femtosecond seed pulses, a stretcher-compressor that stretches a duration of the seed pulses, and an amplifier that receives the stretched seed pulses, amplifies an amplitude of selected stretched seed pulses to create amplified stretched pulses, and outputs a laser beam of amplified stretched pulses back to the stretcher-compressor that compresses their duration and outputs a laser beam of femtosecond pulses. The amplifier includes a dispersion controller that compensates a dispersion of the amplified stretched pulses, making the repetition rate of the laser adjustable between procedures or according to the speed of scanning. The laser engine can be compact with a total optical path of less than 500 meters, and have a low number of optical elements, e.g. less than 50.

No. of Pages : 77 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1944/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/07/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : D -AMINO ACIDS FOR USE IN TREATING BIOFILMS

(51) International classification :A61K31/198,A61P31/04
(31) Priority Document No :61/293,414
(32) Priority Date :08/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/020705
Filing Date :10/01/2011
(87) International Publication No :WO 2011/085326
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)PRESIDENT AND FELLOWS OF HARVARD COLLEGE

Address of Applicant :17 Quincy Street, Cambridge, MA
02138 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)LOSICK ,Richard

2)CLARDY, Jon

3)KOLTER, Roberto

4)KOLODKIN-GAL, Illana

5)ROMERO, Diego

6)CAO, Shugeng

(57) Abstract :

Methods of treating or reducing biofilms, treating a biofilm-related disorder, and preventing biofilm formation using D-amino acids are described.

No. of Pages : 101 No. of Claims : 68

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1945/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/07/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : NOXIOUS ORGANISM CONTROL AGENT COMPOSITION FOR AGRICULTURAL AND HORTICULTURAL APPLICATIONS, AND USE THEREOF

(51) International classification :A01N41/10,A01N41/04,A01P7/04
(31) Priority Document No :2010-032079
(32) Priority Date :17/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/053188
Filing Date :16/02/2011
(87) International Publication No :WO 2011/102354
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NIHON NOHYAKU CO., LTD.
Address of Applicant :2-5, Nihonbashi 1-chome Chuo-ku,
Tokyo 1038236 JAPAN
(72)Name of Inventor :
1)NISHIMATSU, Tetsuyoshi
2)AOKI, Takao

(57) Abstract :

The use of flubendiamid and thiosultap or a salt thereof in combination can produce a significant synergistic control effect, even when each of the components is used in an amount in which a satisfactory control effect cannot be achieved when used singly. The use of these components in combination can produce a significant control effect against noxious organisms that cannot be controlled when each of the components is used singly and noxious organism that have resistance to commercially available control agents.

No. of Pages : 44 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1946/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/07/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD FOR COATING AT LEAST THE INNER FACE OF A PISTON RING AND PISTON RING

(51) International classification	:C23C16/02,F16J9/00	(71)Name of Applicant :
(31) Priority Document No	:10 2010 002 687.5	1)FEDERAL-MOGUL BURSCHEID GMBH
(32) Priority Date	:09/03/2010	Address of Applicant :Bürgermeister-Schmidt-Strasse 17,
(33) Name of priority country	:Germany	51399 Burscheid GERMANY
(86) International Application No	:PCT/EP2011/052342	(72)Name of Inventor :
Filing Date	:17/02/2011	1)BÄRENREUTER, Dirk
(87) International Publication No	:WO 2011/110411	2)KENNEDY, Marcus
(61) Patent of Addition to Application	:NA	3)KELLNER, Markus
Number	:NA	4)LAMMERS, Ralf
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

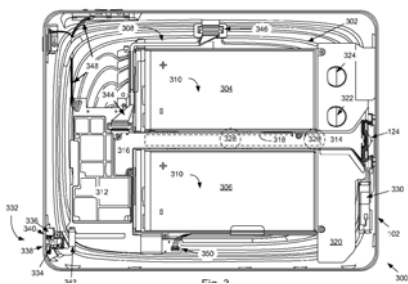
In a method for coating at least part of the inner face of a piston ring, said ring preferably consisting of cast iron or steel, a PVD and/or DLC coating is applied by means of at least one of the following methods: PA-CVD, glow discharge and/or HIPIMS. A piston ring has a coating that is formed at least on part of the inner face of said ring, said coating being a PVD and/or DLC coating that preferably has been applied by means of PA-CVD, glow discharge and/or HIPIMS.

No. of Pages : 6 No. of Claims : 5

(54) Title of the invention : COMPONENT ASSEMBLY

<div>(51) International classification :G06F1/16</div> <div>(31) Priority Document No :61/292,739</div> <div>(32) Priority Date :06/01/2010</div> <div>(33) Name of priority country :U.S.A.</div> <div>(86) International Application No :PCT/US2010/047270</div> <div> Filing Date :31/08/2010</div> <div>(87) International Publication No :WO 2011/084186</div> <div>(61) Patent of Addition to Application Number :NA</div> <div> Filing Date :NA</div> <div>(62) Divisional to Application Number :NA</div> <div> Filing Date :NA</div>	<div>(71)Name of Applicant : 1)APPLE INC. Address of Applicant :1 Infinite Loop, Cupertino California 95014 UNITED STATES OF AMERICA</div> <div>(72)Name of Inventor : 1)MCCLURE, Stephen, R. 2)BANKO, Joshua, D. 3)TERNUS, John, P. 4)RAPPOPORT, Benjamin, M. 5)GIBBS, Kevin</div>
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(57) Abstract :
A portable computing device is disclosed. The portable computing device can take many forms such as a laptop computer, a tablet computer, and so on. The portable computing device can include at least a single piece housing. The single piece housing includes a plurality of steps. The plurality of mounting steps are formed by at least removing a preselected amount of housing material at predetermined locations on the interior surface. At least some of the mounting steps are used to mount at least some of the plurality of internal operating components to the housing.



No. of Pages : 54 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1957/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/07/2012

(43) Publication Date : 22/03/2013

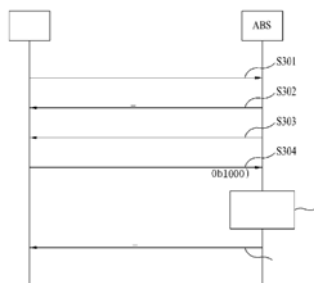
(54) Title of the invention : METHOD OF NETWORK RE-ENTRY IN A BROADBAND WIRELESS ACCESS SYSTEM

(51) International classification :H04B7/26,H04W36/08
(31) Priority Document No :61/302,478
(32) Priority Date :08/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2011/000818
Filing Date :08/02/2011
(87) International Publication No :WO 2011/096779
(61) 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 :20 Yeouido-dong, Yeongdeungpo-gu,
Seoul 150-721 REPUBLIC OF KOREA
(72)Name of Inventor :
1)PARK, Gi Won
2)KIM, Yong Ho
3)RYU, Ki Seon

(57) Abstract :

A method of performing network re-entry of a mobile station based on restart of a base station and an apparatus for performing the same are disclosed. The method comprises the steps of receiving a first message from a base station, the first message including a restart count of which value is varied whenever the base station is restarted; comparing the restart count value with a count value previously stored; and transmitting a second message to the base station if the count values are different from each other, the second message including a first identifier for identifying the mobile station in respect of connection information (context) of the mobile station and a ranging purpose indication field set to a value indicating network re-entry due to restart of the base station.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1958/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/07/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : SUBSTITUTED NAPHTHALENYL-PYRIMIDINE COMPOUNDS

(51) International classification :C07D413/14,C07D413/10,C07D403/12
(31) Priority Document No :61/290,913
(32) Priority Date :30/12/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/062437
Filing Date :29/12/2010
(87) International Publication No :WO 2011/082268
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ARQULE INC.
Address of Applicant :19 Presidential Way, Woburn, MA
01801 UNITED STATES OF AMERICA
(72)Name of Inventor :
1)ASHWELL, Mark, A.
2)BRASSARD, Chris
3)DALTON, Audra
4)HILL, Jason
5)NICEWONGER, Robert
6)VENSEL, David

(57) Abstract :

The present invention relates to substituted naphthalenyl-pyrimidine compounds and methods of synthesizing these compounds. The present invention also relates to pharmaceutical compositions containing substituted naphthalenyl-pyrimidine compounds and methods of treating cell proliferative disorders, such as cancer, by administering these compounds and pharmaceutical compositions to subjects in need thereof.

No. of Pages : 212 No. of Claims : 26

(54) Title of the invention : METHODS OF SYNTHESIZING AND ISOLATING N-(BROMOACETYL)-3,3-DINITROAZETIDINE AND A COMPOSITION INCLUDING THE SAME

(51) International classification :C07D205/04,A61K31/397,A61P35/00
 (31) Priority Document No :12/702,782
 (32) Priority Date :09/02/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/021500
 Filing Date :18/01/2011
 (87) International Publication No :WO 2011/100090
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)ALLIANT TECHSYSTEMS INC.

Address of Applicant :MN05-1W, 7480 Flying Cloud Drive, Minneapolis, Minnesota 55344 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)STRAESSLER, Nicholas A.

2)CANNIZZO, Louis F.

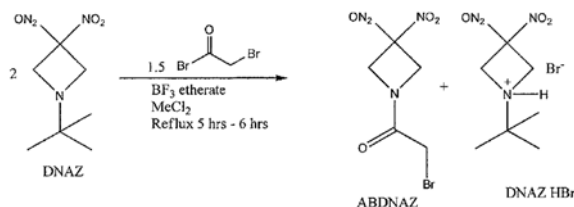
3)LI, Ping

4)KRAMER, Michael P.

5)ROSENBERG, David M.

(57) Abstract :

A method of synthesizing and isolating N-(bromoacetyl)-3,3-dinitroazetidine (ABDNAZ) by reacting DNAZ with bromoacetyl bromide and boron trifluoride etherate in a solvent to produce a mixture comprising ABDNAZ and a salt of DNAZ. Water and an additional volume of the solvent are added to the mixture to form an organic phase comprising the ABDNAZ and an aqueous phase comprising the salt of DNAZ. The organic phase and the aqueous phase are separated to produce an ABDNAZ/solvent solution comprising the ABDNAZ and the aqueous phase comprising the salt of DNAZ. A nonsolvent is added to the ABDNAZ/solvent solution to produce an ABDNAZ/solvent/nonsolvent mixture. The ABDNAZ is subsequently recovered. A composition comprising ABDNAZ is also disclosed.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/07/2012

(21) Application No.1963/KOLNP/2012 A

(43) Publication Date : 22/03/2013

(54) Title of the invention : COMPOSITION AND MANUFACTURING PROCESSES OF A TOXICITY FREE BOTANICAL DRUG FOR CURATIVE TREATMENT OF CHRONIC DISEASES

(51) International classification	:A01N65/00,A61K36/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KUMAR, Ashok
(32) Priority Date	:NA	Address of Applicant :15, Prayag Sarover, Ramghat Road,
(33) Name of priority country	:NA	Aligarh 201 001, U.P., Uttar Pradesh India
(86) International Application No	:PCT/IN2010/000051	(72)Name of Inventor :
Filing Date	:29/01/2010	1)KUMAR, Ashok
(87) International Publication No	:WO 2011/092712	2)KUMAR, ADITI
(61) Patent of Addition to Application Number	:NA	3)KUMAR, PRAKRATI
Filing Date	:NA	4)KUMAR, PRITI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention discloses composition and manufacturing process(es) of a toxicity free botanical drug formulation for curative treatment of chronic diseases. It is manufactured from plants *Crinum asiaticum* and *Crocus sativus*. This drug was administered to human volunteers by oral and intranasal routes in effective amount for effective time period. Effective amount and effective time of administration varies from one human volunteer to another depending upon age, body weight, length of disease, severity of disease, type of the disease. In vitro experiments show that this botanical drug causes proliferation and differentiation of stem cells. Details of these in vitro experiments will be given in next patent.

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1965/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/07/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : ANGIOCATHETER DEVICE WITH IMPROVED SAFETY FEATURES

(51) International classification :A61M39/04
(31) Priority Document No :61/337,155
(32) Priority Date :01/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/022707
Filing Date :27/01/2011
(87) International Publication No :WO 2011/094397
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SPURBECK,William Paul
Address of Applicant :10393 E.Avalon Park, Tucson,AZ85747
UNITED STATES OF AMERICA
2)BANISTER,Mark
(72)**Name of Inventor :**
1)SPURBECK,William Paul
2)BANISTER,Mark

(57) Abstract :

An angiocatheter device featuring a catheter body; a stationary anchor disposed in the inner cavity of the catheter body; a channel fluidly connecting the first end of the catheter body and the second end of the stationary anchor; and a compressible valve surrounding at least a portion of the stationary anchor, A hole is disposed in the second end of the compressible valve. The compressible valve can move between an extended and compressed position. In the extended position the second end of the compressible valve covers the second end of the stationary anchor and the hole in the compressible valve is closed preventing fluid transfer from the channel into the catheter body. In the compressed position the compressible valve is compressed such that the second ends of the stationary anchor and channel are accessible allowing for fluid transfer. The compressible valve is biased in the extended position.

No. of Pages : 29 No. of Claims : 28

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING HEIGHT OF SINTERING BED FOR SINTERING MACHINE

(51) International classification :C22B1/20,F27B21/10,F27B21/14

(31) Priority Document No :2010-019025

(32) Priority Date :29/01/2010

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2011/052190

Filing Date :27/01/2011

(87) International Publication No :WO 2011/093518

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)JFE STEEL CORPORATION

Address of Applicant :2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo 100-0011 JAPAN

(72)Name of Inventor :

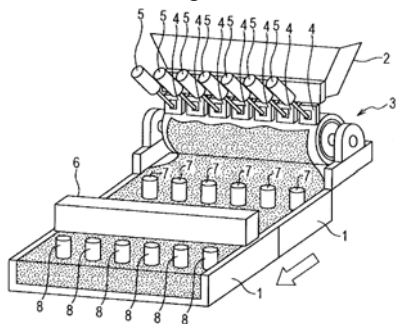
1)Takanori HIROTA

2)Shinya KATO

3)Yukinori SATO

(57) Abstract :

Disclosed is a method for controlling the layer thickness of a sintering starting material for a sintering machine, which properly controls the layer thickness of the sintering starting material on the entry side of the sintering machine. The pre- and post-ignition furnace layer thickness on the ignition furnace entry side and the ignition furnace exit side for the sintering starting material upon a palette is detected while the palette conveyance speed of the aforementioned palette and the feeder rotation speed of a drum feeder are detected, and a gate opening command for a split gate is obtained on the basis of: a gate opening reference value for the aforementioned split gate, which was obtained from the aforementioned ignition furnace entry-side layer thickness, a first opening correction value based on the aforementioned palette conveyance speed and the aforementioned feeder rotation speed, and a second opening correction value based on the amount of decrease from the size of the sintering starting material layer at the initiation of ignition and absorption, which was obtained from the aforementioned ignition furnace entry-side layer thickness and the aforementioned ignition furnace exit-side layer thickness.



No. of Pages : 50 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1949/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/07/2012

(43) Publication Date : 22/03/2013

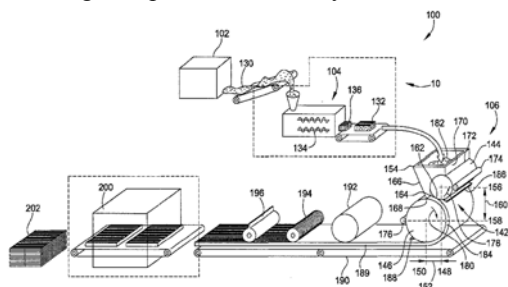
(54) Title of the invention : SYSTEM AND METHOD OF FORMING AND SIZING CHEWING GUM AND/OR ALTERING TEMPERATURE OF CHEWING GUM

(51) International classification :A23G4/04,A23G4/02
(31) Priority Document No :61/297,164
(32) Priority Date :21/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/051085
Filing Date :01/10/2010
(87) International Publication No :WO 2011/090520
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)KRAFT FOODS GLOBAL BRANDS LLC
Address of Applicant :Three Lakes Drive Northfield, IL 60093
UNITED STATES OF AMERICA
(72)Name of Inventor :
1)JANI, Bharat
2)MILADINOV, Vesselin D.

(57) Abstract :

Gum manufacturing methods and systems are provided including a set of rollers for compressive forming and sizing of a chewing gum in a single step. Heat transfer systems and methods for altering a temperature of chewing gum are also provided.



No. of Pages : 87 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1960/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/07/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : WNT ANTAGONISTS AND METHODS OF TREATMENT AND SCREENING

(51) International classification	:A61K38/00,C07K1/00	(71)Name of Applicant :
(31) Priority Document No	:61/294,270	1)ONCOMED PHARMACEUTICALS, INC.
(32) Priority Date	:12/01/2010	Address of Applicant :800 Chesapeake Drive, Redwood City,
(33) Name of priority country	:U.S.A.	CA 94063-4748 UNITED STATES OF AMERICA
(86) International Application No	:PCT/US2011/020994	(72)Name of Inventor :
Filing Date	:12/01/2011	1)SATYAL, Sanjeev, H.
(87) International Publication No	:WO 2011/088123	2)MITRA, Satyajit, Sujit, Kumar
(61) Patent of Addition to Application	:NA	3)GURNEY, Austin, L.
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to compositions comprising Wnt antagonists and methods of treating Wnt-associated diseases and disorders, such as cancer, inducing differentiation, and reducing the frequency of cancer stem cells, as well as novel methods of screening for such Wnt antagonists. In particular, the invention discloses soluble FZD, SFRP and Ror receptors and their use.

No. of Pages : 121 No. of Claims : 184

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1961/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :30/07/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : CUTTING INSERT AND CUTTING TOOL

(51) International classification	:B23B27/00,B23B27/10	(71) Name of Applicant :
(31) Priority Document No	:204009	1)ISCAR LTD.
(32) Priority Date	:17/02/2010	Address of Applicant :P.O. Box 11, 24959 Tefen, ISRAEL.
(33) Name of priority country	:Israel	(72) Name of Inventor :
(86) International Application No	:PCT/IL2011/000072	1)HECHT, Gil
Filing Date	:23/01/2011	
(87) International Publication No	:WO 2011/101838	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cutting insert has a longitudinal insert axis A, a cutting head and an insert shank which extends rearwardly from the cutting head. The insert shank includes an insert clamping portion with an asymmetric cross section taken perpendicular to the insert axis A. The insert shank has a peripheral surface extending along at least a portion of the total length of the insert shank. The cutting insert has a first dividing plane P1. On one side of the first dividing plane P1, the peripheral surface comprises first and second longitudinally extending depressions. On the other side of the first dividing plane P1, the peripheral surface comprises first and second abutment surfaces separated by a third depression, the first and second depressions being separated by a third abutment surface.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1972/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/07/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : INKJET TREATMENT LIQUID AND INKJET RECORDING APPARATUS

(51) International classification	:B41M5/00,B41J2/01	(71)Name of Applicant :
(31) Priority Document No	:2010-042026	1)Ricoh Company, Ltd.
(32) Priority Date	:26/02/2010	Address of Applicant :3-6, Nakamagome 1-chome, Ohta-ku,
(33) Name of priority country	:Japan	Tokyo 143-8555 JAPAN
(86) International Application No	:PCT/JP2011/054669	(72)Name of Inventor :
Filing Date	:23/02/2011	1)FUJII, Hidetoshi
(87) International Publication No	:WO 2011/105613	2)GOTOU, Hiroshi
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An inkjet treatment liquid including: a water- soluble coagulating agent; a water-soluble organic solvent; a fluorochemical surfactant; a foam inhibitor; and water, wherein the foam inhibitor is a compound represented by General Formula (I), and the fluorochemical surfactant contains a compound represented by General Formula (II): HOR₁R₃C-[CH₂]_n-CR₂R₄OH General Formula (I) in General Formula (I), R₁ and R₂ each denote an alkyl group having 3 to 6 carbon atoms; R₃ and R₄ each denote an alkyl group having 1 to 2 carbon atoms; and n denotes an integer of 1 to 6; and R_f-Q-Z General Formula (II) in General Formula (II), R_f denotes a perfluoroalkyl group; Q denotes a bonding group; and Z denotes a hydrophilic group containing- (CH₂CH₂O)_n-, -COO-, -SO₃-, -SO₄-, or -PO₄-; and n denotes an integer of 1 to 50.

No. of Pages : 105 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1973/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/07/2012

(43) Publication Date : 22/03/2013

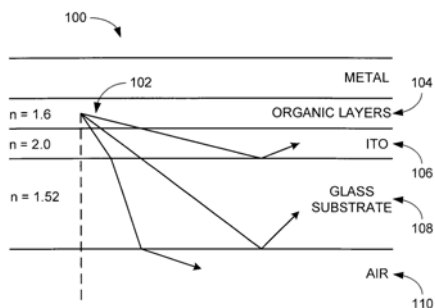
(54) Title of the invention : MICROCAVITY OLEDs FOR LIGHTING

(51) International classification :H01L51/50
(31) Priority Document No :61/307,191
(32) Priority Date :23/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/025667
Filing Date :22/02/2011
(87) International Publication No :WO 2011/106306
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC.
Address of Applicant :223 Grinter Hall Gainesville, FL 32611
UNITED STATES OF AMERICA
(72)Name of Inventor :
1)SO, Franky

(57) Abstract :

Various methods and systems are provided for related to organic light emitting diodes (OLEDs) having a microcavity In one embodiment, a white- light source includes a first microcavity organic light emitting diode (OLED) configured to emit a narrow spectrum of blue light, a second microcavity OLED configured to emit a narrow spectrum of green light, and a third microcavity OLED configured to emit a narrow spectrum of red light In another embodiment, a light source includes a plurality of OLEDs disposed on a glass substrate Each of the OLEDs is configured to emit light in substantially orthogonal to the glass substrate in a predefined spectrum Each of the OLEDs includes a semi-reflecting mirror, and an emitting layer, where the emitting layer in each OLED corresponds to a respective color of light emitted by the OLED.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1970/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/07/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : MOUNTING SECTION STRUCTURE FOR AIRBAG DEVICE

(51) International classification	:B60R21/203,B62D1/16	(71)Name of Applicant :
(31) Priority Document No	:2010-055385	1)ASHIMORI INDUSTRY CO., LTD.
(32) Priority Date	:12/03/2010	Address of Applicant :10-18, Kitahorie 3-chome, Nishi-ku,
(33) Name of priority country	:Japan	Osaka-shi, Osaka 5500014 JAPAN
(86) International Application No	:PCT/JP2011/053342	(72)Name of Inventor :
Filing Date	:17/02/2011	1)YAMAJI, Naoki
(87) International Publication No	:WO 2011/111492	2)YOSHII, Nobuhiko
(61) Patent of Addition to Application	:NA	3)YAMAUCHI, Keita
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An airbag device is provided with an airbag, an inflator, and a mounting plate (40) to which a cover is affixed. A steering wheel is provided with a wheel body and a core member (16) which is a center member provided to the center of the wheel body. A mounting member (18) is provided to either the mounting plate (40) or the core member (16), and an engagement body (70) is provided to the other. The mounting member (18) is provided with a column section (18a) and an engagement protrusion section (18b) which is provided to the front end of the column section so as to protrude therefrom. The airbag device is mounted to the steering wheel by engaging the engagement body (70) with an inner corner portion between the column section (18a) and the engagement protrusion section (18b). An engagement contact surface (27) of the engagement protrusion section (18b), the engagement contact surface (27) facing the base end of the column section, has a retaining protrusion section (27a) which holds the engagement body (70) to the base end side of the engagement protrusion section (18b).

No. of Pages : 53 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2042/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/08/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : ROLLER HEMMING PROCESSING SYSTEM

(51) International classification :B21D39/02,B21D37/04,B21D37/14
(31) Priority Document No :2010-213084
(32) Priority Date :24/09/2010
(33) Name of priority country:Japan
(86) International Application No :PCT/JP2011/070835
Filing Date :13/09/2011
(87) International Publication No :WO 2012/039320
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)NISSAN MOTOR CO., LTD.
Address of Applicant :2, Takara-cho, Kanagawa-ku
Yokohama-shi, Kanagawa 221-0023, JAPAN
(72)Name of Inventor :
1)IKEDA Hitoshi
2)NARA Eiichi

(57) Abstract :

Hemming dies can be mounted on the respective two clamping jigs (22) of hemming processing stages (S1, S2) each having a turn table as a main part. After the hemming dies are allocated to sub stages (S11), roller hemming processing is performed by hemming processing robots (1A, 1B) or hemming processing robots (2A, 2B). Die storage devices (15A, 15B) for housing a plurality of hemming dies in a line are provided in the neighborhood of the hemming processing stages (S1, S2). Hemming dies are changed between the die storage devices (15A, 15B) and the sub-stages (S12) of the hemming processing stages (S1, S2) by first and second die changing robots (17, 19). This makes it possible to provide a roller hemming processing system suitable for roller hemming processing in high-variety low-volume manufacturing.

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

(54) Title of the invention : DEVICE FOR CONNECTING A PLASTIC TUBE TO A CONNECTION NIPPLE

(51) International classification :F16L33/207,F16L13/14
 (31) Priority Document No :A 180/2010
 (32) Priority Date :10/02/2010
 (33) Name of priority country :Austria
 (86) International Application No :PCT/AT2010/000191
 Filing Date :01/06/2010
 (87) International Publication No :WO 2011/097658
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)KE-KELIT Kunststoffwerk Gesellschaft m.b.H.

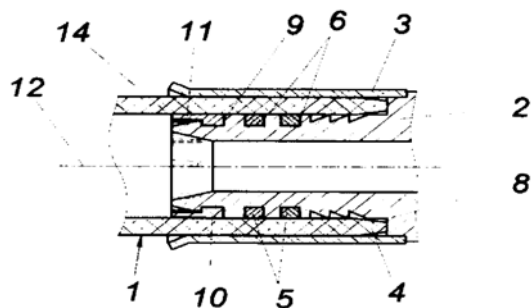
Address of Applicant :Ignaz-Mayer-Strasse 17 A-4020 Linz, AUSTRIA

(72)Name of Inventor :

1)RATSCHMANN Elmar

(57) Abstract :

The invention relates to a device for connecting a plastic tube (1) to a connection nipple (2). The connection end (4) of the plastic tube (1), provided with a front-side chamfered element (8) in the region of the inner diameter, is axially fixed between the connection nipple (2) and a clamping sleeve (3) by the insertion of at least one sealing ring (5) held in the profiled connection nipple (2). In order to create advantageous connection conditions, the connection nipple (2) has at least one radially outwardly projecting abutment that can be moved radially inwardly by means of the front side chamfered element (8) in the region of the inner diameter of the connection end (4), the abutment (14) being arranged upstream of the sealing ring (5) in the insertion direction.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/08/2012

(21) Application No.2044/KOLNP/2012 A

(43) Publication Date : 22/03/2013

(54) Title of the invention : IMPROVED CATHETER

(51) International classification :A61B8/12
(31) Priority Document No :12/684,079
(32) Priority Date :07/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/020492
Filing Date :07/01/2011
(87) International Publication No :WO 2011/085180
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)GORE ENTERPRISE HOLDINGS, INC.

Address of Applicant :551 Paper Mill Road, P.O. Box 9206,
Newark, DE 19714-9206 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)CULLY, Edward, H.

2)DIETZ, Dennis, R.

3)FRANKLIN, Curtis, J.

4)NORDHAUSEN, Craig, T.

5)OAKLEY, Clyde, G.

6)PATTERSON, Ryan, C.

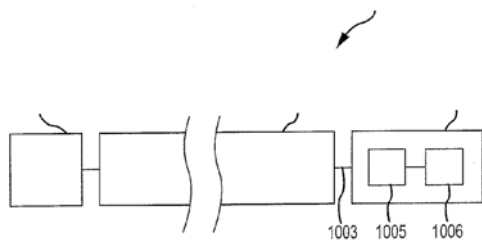
7)POLENSKE, Jim, H.

8)SHILLING, Thomas, W.

9)TOLT, Thomas, L.

(57) Abstract :

An improved catheter is provided. The catheter may include a deflectable member located at a distal end of the catheter. The deflectable member may comprise an ultrasound transducer array. In embodiments where the deflectable member includes an ultrasound transducer array, the ultrasound transducer array may be operable to image both when aligned with the catheter and when pivoted relative to the catheter. When pivoted relative to the catheter, the ultrasound transducer array may have a field of view distal to the distal end of the catheter. The ultrasound array may be interconnected to a motor to effectuate pivotal reciprocal motion of the ultrasound transducer array such that the catheter may be operable to produce real time or near real-time three dimensional images.



No. of Pages : 359 No. of Claims : 137

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1975/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/07/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : SANGLIFEHRIN BASED COMPOUNDS

(51) International classification :A61K31/5025
(31) Priority Document No :1002097.2
(32) Priority Date :09/02/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/050236
Filing Date :09/02/2011
(87) International Publication No :WO 2011/098809
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)BIOTICA TECHNOLOGY LIMITED

Address of Applicant :3 Riverside, Suite 5, Granta Park, Great Abington, Cambridge CB21 6AD UNITED KINGDOM

(72)Name of Inventor :

1)MOSS, Steven James

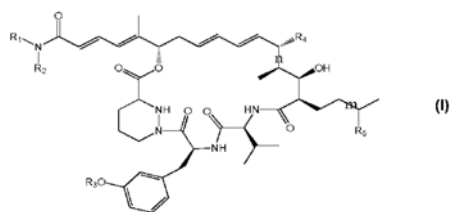
2)GREGORY, Matthew Alan

3)WILKINSON, Barrie

4)MARTIN, Christine Janet

(57) Abstract :

There are provided inter alia compounds of formula (I) useful as cyclophilin inhibitors.



No. of Pages : 126 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2045/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/08/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : IMPROVED CATHETER

(51) International classification :A61B8/12
(31) Priority Document No :12/684,083
(32) Priority Date :07/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/020468
Filing Date :07/01/2011
(87) International Publication No :WO 2011/085166
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)GORE ENTERPRISE HOLDINGS, INC.

Address of Applicant :551 Paper Mill Road, P. O. Box 9206,
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(72)Name of Inventor :

1)DIETZ, Dennis, R.

2)FRANKLIN, Curtis, J.

3)LOEWEN, John, L.

4)MESSICK, David, J.

5)NORDHAUSEN, Craig, T.

6)OAKLEY, Clyde, G.

7)PATTERSON, Ryan, C.

8)POLENSKE, Jim, H.

9)QUICK, Shawn, D.

10)TODD, Daniel, H.

11)TOLT, Thomas, L.

12)WILSON, David, W.

(57) Abstract :

An improved catheter is provided. The catheter may include a deflectable member located at a distal end of a catheter body. The deflectable member may comprise an ultrasound transducer array. The deflectable member may be interconnected to the catheter body by a live hinge. The catheter may include a lumen extending from a proximal end of the catheter body to the distal end. The lumen may be used to deliver an interventional device to a point distal to the distal end of the catheter body. The deflectable member may be selectively deflectable in a pivot-like manner through an arc of at least 90 degrees. In embodiments where the deflectable member includes an ultrasound transducer array, the ultrasound transducer array may be operable to image both when aligned with the catheter body and when pivoted relative to the catheter body.

No. of Pages : 220 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :06/08/2012

(21) Application No.2046/KOLNP/2012 A

(43) Publication Date : 22/03/2013

(54) Title of the invention : HYDROGEN COMBUSTION CATALYST AND PROCESS FOR PRODUCTION THEREOF, AND HYDROGEN COMBUSTION METHOD

(51) International classification :B01J33/00,B01D53/86,B01J23/42

(31) Priority Document No :2010-002025

(32) Priority Date :07/01/2010

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2011/050150
Filing Date :07/01/2011

(87) International Publication No :WO 2011/083833

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)JAPAN ATOMIC ENERGY AGENCY

Address of Applicant :4-49, Muramatsu, Tokai-mura Nakagun, Ibaraki 3191184 JAPAN

2)TANAKA KIKINZOKU KOGYO K.K.

(72)Name of Inventor :

1)NOGUCHI, Hiroshi

2)TANIUCHI, Junichi

3)KUBO, Hitoshi

4)IWAI, Yasunori

5)SATO, Katsumi

(57) Abstract :

Disclosed is a hydrogen combustion catalyst which comprises a carrier comprising an inorganic oxide and a catalyst metal supported on the carrier, and which is characterized in that a functional group having, attached to the terminal thereof, at least one alkyl group having 3 or less carbon atoms is bound to a hydroxy group present on the surface of the carrier through substitution. The functional group to be attached to the hydroxy group present on the surface of the carrier is preferably an organosilane. The hydrogen combustion catalyst can retain the activity thereof even when a hydrogen-containing gas to be treated has a moisture content equal to or lower than the saturated water vapor quantity and the hydrogen combustion catalyst is used at around room temperatures of 0 to 40°C.

No. of Pages : 28 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2047/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/08/2012

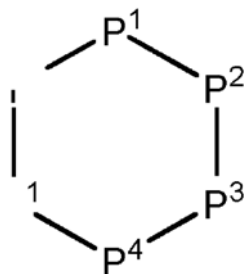
(43) Publication Date : 22/03/2013

(54) Title of the invention : TEMPLATE-FIXED PEPTIDOMIMETICS WITH CXCR7 MODULATING ACTIVITY

(51) International classification	:C07K7/64	(71)Name of Applicant :
(31) Priority Document No	:PCT/EP2010/051417	1)POLYPHOR AG
(32) Priority Date	:05/02/2010	Address of Applicant :Hegenheimermattweg 125, CH-4123
(33) Name of priority country	:EPO	Allschwil SWITZERLAND
(86) International Application No	:PCT/EP2011/051686	(72)Name of Inventor :
Filing Date	:04/02/2011	1)GOMBERT, Frank, Otto
(87) International Publication No	:WO 2011/095607	2)LEDERER, Alexander
(61) Patent of Addition to Application	:NA	3)LÖWE, Ralf
Number	:NA	4)OBRECHT, Daniel
Filing Date	:NA	5)ROMAGNOLI, Barbara
(62) Divisional to Application Number	:NA	6)ZIMMERMANN, Johann
Filing Date	:NA	7)PATEL, Kalpana

(57) Abstract :

Novel template fixed B-hairpin peptidomimetics of the general formula (I), wherein the single elements T or P are a-amino acid residues connected from the carbonyl (C=O) point of attachment to the nitrogen (N) of the next element in clockwise direction and wherein said elements, depending on their positions in the chain, are defined in the description and the claims have the property to act on the receptor CXCR7. Thus, these B-hairpin peptidomimetics can be useful in the treatment or prevention of diseases or conditions in the area of dermatological disorders, metabolic diseases, inflammatory diseases, fibrotic diseases, infectious diseases, neurological diseases, cardiovascular diseases, respiratory diseases, gastro-intestinal tract disorders, urological diseases, ophthalmic diseases, stomatological diseases, haematological diseases and cancer; or the mobilisation of stem cells.



No. of Pages : 108 No. of Claims : 16

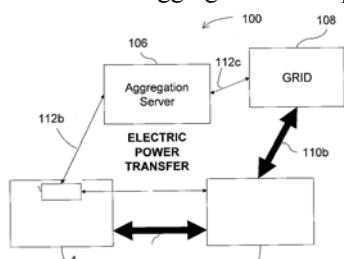
(54) Title of the invention : AGGREGATION SERVER FOR GRID-INTEGRATED VEHICLES

(51) International classification :H02J7/00,B60L11/18,H02J13/00
 (31) Priority Document No :61/305,743
 (32) Priority Date :18/02/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2010/049756
 Filing Date :22/09/2010
 (87) International Publication No :WO 2011/102855
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)UNIVERSITY OF DELAWARE
 Address of Applicant :112 Hullihen Hall Newark, DE 19716-1551 UNITED STATES OF AMERICA
 (72)**Name of Inventor :**
1)KEMPTON, Willett

(57) Abstract :

Methods, systems, and apparatus for aggregating electric power flow between an electric grid and electric vehicles are disclosed. An apparatus for aggregating power flow may include a memory and a processor coupled to the memory to receive electric vehicle equipment (EVE) attributes from a plurality of EVEs, aggregate EVE attributes, predict total available capacity based on the EVE attributes, and dispatch at least a portion of the total available capacity to the grid. Power flow may be aggregated by receiving EVE operational parameters from each EVE, aggregating the received EVE operational parameters, predicting total available capacity based on the aggregated EVE operational parameters, and dispatching at least a portion of the total available capacity to the grid.



No. of Pages : 56 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1980/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/07/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : SYSTEM AND METHOD FOR GENERATING CHLORINE DIOXIDE

(51) International classification :C01B11/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2010/023278
Filing Date :05/02/2010
(87) International Publication No :WO 2011/096930
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SIPKA INC.

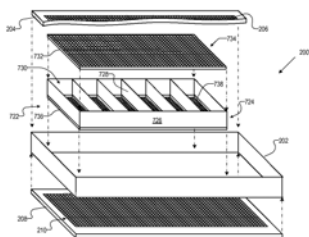
Address of Applicant :3 Universal Avenue, Edison, NJ 08820
UNITED STATES OF AMERICA

(72)Name of Inventor :

1)THANGARAJ, John, Appadurai

(57) Abstract :

Some systems for generating chlorine dioxide include a chlorine-dioxide generating composition comprising an alkali chlorite salt, acid, cellulose, a super absorbent, and optionally a surfactant. Systems disclosed herein are able to generate chlorine-dioxide gas, chlorine-dioxide solution, and chlorine- dioxide solution with surfactants. Some systems for generating chlorine dioxide include a canister containing a chlorine-dioxide generating composition. The canister includes at least one porous region that places an exterior of the canister in fluidic communication with an interior of the canister. The porous region, which in some embodiments, is realized as a mesh, is characterized by a size in a range of about 20 mesh to about 325 mesh.



No. of Pages : 30 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2051/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/08/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : APPARATUS FOR TIGHTENING THREADED FASTENERS

(51) International classification	:B25B21/02,B25B23/00	(71)Name of Applicant :
(31) Priority Document No	:61/302,598	1)HYTORC DIVISION UNEX CORPORATION
(32) Priority Date	:09/02/2010	Address of Applicant :333 Route 17 North Mahwah, NJ 07430
(33) Name of priority country	:U.S.A.	UNITED STATES OF AMERICA
(86) International Application No	:PCT/IB2011/001019	(72)Name of Inventor :
Filing Date	:09/02/2011	1)RASKA, Richard, J.
(87) International Publication No	:WO 2011/098923	2)JUNKERS, Eric, P.
(61) Patent of Addition to Application Number	:NA	3)KOPPENHOEFER, Peter
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

According to a first aspect of the invention we provide an apparatus for reaction - free and reaction - assisted tightening and loosening of an industrial fastener including: a motor (102) to generate a turning force to turn the fastener; a turning force multiplication mechanism (210) for a lower speed/higher torque mode including a plurality of turning force multiplication transmitters (211, 212, 213); a turning force impaction mechanism (250) for a higher speed/lower torque mode including a plurality of turning force impaction transmitters (251, 252); a housing (220) operatively connected with at least one multiplication transmitter; a reaction mechanism (401) to transfer a reaction force generated on the housing during the lower speed/higher torque mode to a stationary object; wherein during the lower speed/higher torque mode at least two multiplication transmitters rotate relative to the other; and wherein during the higher speed/lower torque mode at least two multiplication transmitters are unitary to achieve a hammering motion from the impaction mechanism.

No. of Pages : 29 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2052/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/08/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR INTERCONNECTING DISTRIBUTED POWER SOURCES

(51) International classification :H01R13/10,H02G3/08,H02G15/08
(31) Priority Document No :61/298,074
(32) Priority Date :25/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/022251
Filing Date :24/01/2011
(87) International Publication No :WO 2011/091359
(61) Patent of Addition 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)FORNAGE, Martin
2)BELUR, Raghuveer R.

(57) Abstract :

A method and apparatus for power wiring. In one embodiment, the apparatus comprises a splice box comprising (i) a plug having a means for electrically coupling to conductors within a cable adapted for coupling to a power line; (ii) means for coupling to a first means for guiding of a connector; and (iii) means for retaining the first means for guiding, the means for retaining the first means for guiding disposed within the means for coupling to the first means for guiding.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2053/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/08/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : APPARATUS FOR FORMING AND LABELING AN OBJECT SO OBTAINED

(51) International classification :B29C51/16,B65D51/24,B65D77/24
(31) Priority Document No :MO2010A000024
(32) Priority Date :09/02/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2011/000209
Filing Date :08/02/2011
(87) International Publication No :WO 2011/098886
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SARONG SOCIETA' PER AZIONI
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(72)Name of Inventor :
1)BARTOLI, Andrea
2)TRALDI, Flavio
3)SANIBONDI, Elio

(57) Abstract :

An apparatus for forming objects (2), in particular containers, and for applying respective labels (4) thereto, comprises forming means (9, 10, 11) provided with punch means (9) cooperating with cavity means (13) of die means (10) to make said objects (2) by forming a sheet (3) of thermoformable material, the cavity means (13) including first wall means (16) and second wall means (17). The apparatus (1) is characterized in that the first wall means (16) is movable between a first operating position (C1) in which it receives a label (4) and a second operating position (C2) in which it bounds said cavity means (13) in cooperation with the second wall means (17), and supports said label (4) in such a manner that during a subsequent forming operation said label (4) is fixed to, in particular substantially incorporated in, said object (2).

No. of Pages : 31 No. of Claims : 17

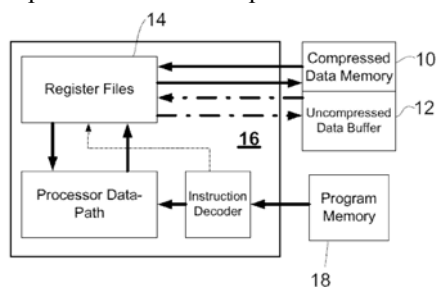
(54) Title of the invention : HARDWARE FOR PERFORMING ARITHMETIC OPERATIONS

(51) International classification :G06F9/302
 (31) Priority Document No :1000197.2
 (32) Priority Date :07/01/2010
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/EP2011/050189
 Filing Date :07/01/2011
 (87) International Publication No :WO 2011/083152
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)LINEAR ALGEBRA TECHNOLOGIES LIMITED
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 (72)**Name of Inventor :**
1)MOLONEY, David

(57) Abstract :

Hardware for performing sequences of arithmetic operations. The hardware comprises a scheduler operable to generate a schedule of instructions from a bitmap denoting whether an entry in a matrix is zero or not. An arithmetic circuit is provided which is configured to perform arithmetic operations on the matrix in accordance with the schedule.



No. of Pages : 38 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2055/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/08/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : INVERSE AGONISTS AND NEUTRAL ANTAGONISTS FOR THE TSH RECEPTOR

(51) International classification :C07D405/06,C07D401/06,C07D239/91
(31) Priority Document No :61/322,138
(32) Priority Date :08/04/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/031752
Filing Date :08/04/2011
(87) International Publication No :WO 2011/127388
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7660, Bethesda, MD 20892-7660 UNITED STATES OF
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(72)Name of Inventor :

1)GERSHENGORN, Marvin

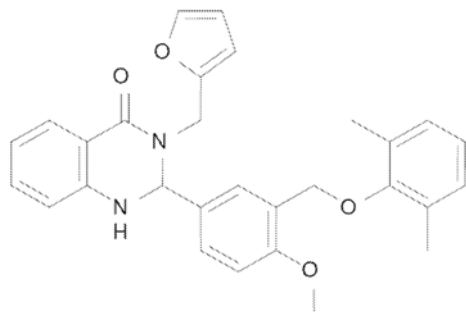
2)NEUMANN, Susanne

3)HUANG, Wenwei

4)THOMAS, Craig, J.

(57) Abstract :

TSHR inverse agonists and neutral antagonists that are useful for treating Graves orbitopathy, Graves hyperthyroidism and/or thyroid cancer.



No. of Pages : 97 No. of Claims : 58

(54) Title of the invention : DATA ACQUISITION METHOD IN NETWORK RESOURCE ESTIMATION AND SYSTEM THEREOF

(51) International classification :H04L12/24
 (31) Priority Document No :201010233551.4
 (32) Priority Date :20/07/2010
 (33) Name of priority country :China
 (86) International Application No :PCT/CN2010/078523
 Filing Date :08/11/2010
 (87) International Publication No :WO 2012/009901
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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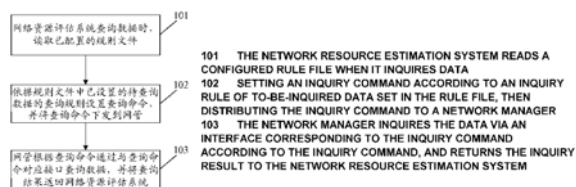
1)FU, Yi

2)WANG, Xuehuai

3)ZHANG, Lei

(57) Abstract :

The present invention discloses a data acquisition method in the network resource estimation. The method includes the following steps: a network resource estimation system reads a configured rule file when it inquires data, and sets an inquiry command according to an inquiry rule of to-be-inquired data set in the rule file, then distributes the inquiry command to a network manager; the network manager inquires the data via an own interface corresponding to the inquiry command according to the received inquiry command and returns the inquiry result to the network resource estimation system. The present invention also discloses a data acquisition system in network resource estimation. The method and system enable data required by the network resource estimation to be obtained in an efficient way while the influence on the network operation and management is reduced, and reduce difficulties involved during development of a network resource estimation system.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2057/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/08/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR CORRECTING RATE MATCHING WEIGHTS BASED ON LAYERED MAPPING

(51) International classification	:H04L1/00
(31) Priority Document No	:201010116333.2
(32) Priority Date	:10/02/2010
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2011/070219
Filing Date	:13/01/2011
(87) International Publication No	:WO 2011/097969
(61) Patent of Addition 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)GUO, Senbao
2)SUN, Yunfeng

(57) Abstract :

A method for correcting rate matching weights based on layered mapping is disclosed by the present invention, which includes: obtaining the number of layers to be layered mapped, determining a transmission mode for communication content; and according to the obtained number of layers and the determined transmission mode, correcting the rate matching weights in R10. An apparatus for correcting the rate matching weights based on layered mapping is also disclosed by the present invention, which includes a weight correction unit, and a transmission mode determination unit and the number of layers obtaining unit that are connected to the weight correction unit; wherein the transmission mode determination unit can determine the transmission mode for the communication content and inform the weight correction unit of the transmission mode; the number of layers obtaining unit can obtain the number of layers to be layered mapped and inform the weight correction unit of the number of layers; and according to the obtained number of layers and the determined transmission mode, the weight correction unit performs correction on the rate matching weights. The method and the apparatus of the present invention both can ensure the rate matching weights in R8 and R9 can be adaptable to the mapping manner in R10.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2058/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/08/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : FLUID PRESSURE CYLINDER

(51) International classification :F15B15/14,F16J9/00,F16J15/18
(31) Priority Document No :2010-29882
(32) Priority Date :15/02/2010
(33) Name of priority country :Japan
(86) International Application No:PCT/JP2011/052063
Filing Date :01/02/2011
(87) International Publication No :WO 2011/099402
(61) Patent of Addition 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)HIROSHI FUNATO

(57) Abstract :

A piston of a fluid pressure cylinder is provided with a seal ring which is fitted into a seal ring holding groove; piston rings each of which has a cut-off section, and which are fitted into piston ring holding grooves in a piston; and backup rings each of which is in contact with the seal ring and one of the piston rings, and which are installed on the outer circumferential surface (45) of the piston (4). Grooves for holding the backup rings are unnecessary. The diameter of the piston can be made relatively small with respect to that of the seal ring, resulting in the seal ring being easily installed on the piston.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1976/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/07/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : BRINE SEAL FOR A FILTRATION DEVICE

(51) International classification :B01D63/04,B01D63/12,B01D65/00
(31) Priority Document No :61/295,388
(32) Priority Date :15/01/2010
(33) Name of priority country:U.S.A.
(86) International Application No :PCT/US2011/021552
Filing Date :18/01/2011
(87) International Publication No :WO 2011/088458
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)SHELBY, Irving
2)BARTELS, Craig, R.
3)DEWINTER, Dirk

(57) Abstract :

A filtration device having a tubular pressure vessel and a tubular filter assembly is provided. The tubular filter assembly is housed within the tubular pressure vessel and includes a filter element and a split ring seal circumscribing the filter element. The split ring seal has an annular body that includes a first end, a second end opposite the first end and slidably engaged with the first end, and an opening extending through the annular body.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1977/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :31/07/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : COMPOUNDS AND COMPOSITIONS FOR SUSCEPTOR MATERIALS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:C04B28/24,H05B6/64 :MI2010A000180 :05/02/2010 :Italy :PCT/IB2011/000202 :07/02/2011 :WO 2011/095883 :NA :NA :NA :NA	(71)Name of Applicant : 1)MICROENERGY SRL Address of Applicant :Via Cavour 2 I-22074 Lomazzo(CO) ITALY (72)Name of Inventor : 1)MASCIA, Francesco 2)FRATTON, Francesco
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(57) Abstract :

Compositions in which is present at least one inorganic compound of iron silicate as it is, or mixed with at least one binding compound able to increase their temperature when exposed to irradiation caused by an electromagnetic field or electromagnetic waves and are therefore usable for the production of susceptor materials.

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

(54) Title of the invention : A COUNTERFORCE MECHANISM AND METHODS OF OPERATION THEREOF

(51) International classification :B23Q11/00
 (31) Priority Document No :1003452.8
 (32) Priority Date :02/03/2010
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2011/050414
 Filing Date :02/03/2011
 (87) International Publication No :WO 2011/107798
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)CINETIC LANDIS LIMITED

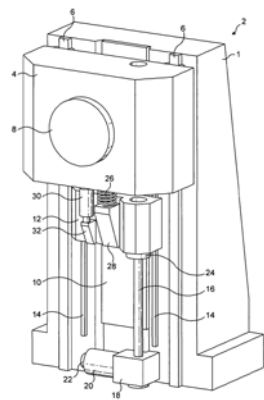
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(72)Name of Inventor :

1)PIERSE, Michael**2)STOLBER, Trevor**

(57) Abstract :

A counterforce mechanism is arranged to exert a force on an object to maintain the object at a desired position. The mechanism comprises a driven body (12, 62, 94), a drive (20, 60, 92) for moving the driven body, and a resilient coupling arrangement (26, 70, 88) for coupling the driven body to a portion of an object. A control arrangement is arranged to output a drive signal to the driven body drive to move the driven body to a location where it exerts a force on the object via the coupling arrangement, such that the force counteracts an opposing force acting on the object and the mechanism holds the portion of the object at the desired position. A machine axis and a machine tool incorporating such a counterforce mechanism are also described, together with methods of operation thereof.



No. of Pages : 38 No. of Claims : 35

(54) Title of the invention : AIR BAG DEVICE

(51) International classification :B60R21/203,B62D1/16
 (31) Priority Document No :2010-047366
 (32) Priority Date :04/03/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/053326
 Filing Date :17/02/2011
 (87) International Publication No :WO 2011/108360
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)ASHIMORI INDUSTRY CO., LTD.

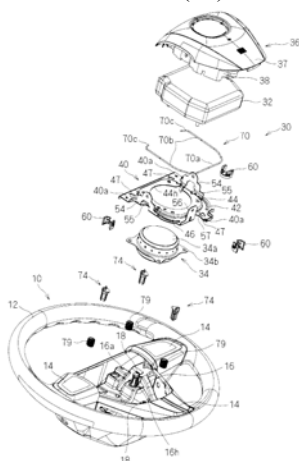
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(72)Name of Inventor :

1)YAMAJI Naoki**2)YOSHII Nobuhiko****3)YAMAUCHI Keita**

(57) Abstract :

Disclosed is an air bag device (30) that is mounted on a steering wheel (10) wherein a mounting member (18) is provided in a protruding condition. The air bag device (30) is provided with an air bag (32), an inflator (34) which is capable of inflating and deploying the air bag; a cover (36) which covers the air bag, and a mounting plate (40). An anchoring body (70) capable of being anchored to the mounting member (18) is held by the mounting plate (40) via holding members (60). The mounting plate (40) has a recessed section (46) which is more recessed than the mounting portion of the inflator (34). The anchoring body (70) is provided in the recessed section (46) of the mounting plate (40).



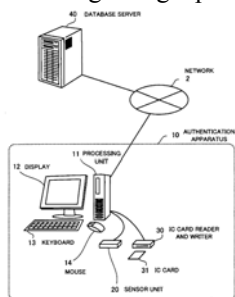
No. of Pages : 42 No. of Claims : 6

(54) Title of the invention : AUTHENTICATION SYSTEM, AUTHENTICATION PROGRAM, AND METHOD OF AUTHENTICATION

(51) International classification	:G06T1/00,G06T7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)FUJITSU FRONTECH LIMITED
(32) Priority Date	:NA	Address of Applicant :1776, Yanokuchi, Inagi-shi, Tokyo 206-
(33) Name of priority country	:NA	8555 JAPAN
(86) International Application No	:PCT/JP2010/052882	(72)Name of Inventor :
Filing Date	:24/02/2010	1)SUZUKI, Naoko
(87) International Publication No	:WO 2011/104833	2)TOYA, Junichiro
(61) Patent of Addition to Application Number	:NA	3)IWASAKI, Shinya
Filing Date	:NA	4)MITA, Yasuhiko
(62) Divisional to Application Number	:NA	5)OZAWA, Kiyomi
Filing Date	:NA	

(57) Abstract :

In order to be able to display a guidance screen that has good visibility, is less prone to causing privacy or security problems, and involves a low processing load, the disclosed processing device executes an initialization process that creates a dedicated color palette (a dedicated palm vein GUI color palette). The processing device (11) replaces a 256-level grayscale palette set in an acquired taken image (322) with the dedicated palm vein GUI color palette. Using a display image consisting of a taken image acquired from a taken image acquisition process and set with the dedicated palm vein GUI color palette, the disclosed processing device displays a guidance GUI for guiding a palm to an appropriate position.



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

(54) Title of the invention : METHOD FOR MANUFACTURING GRAIN ORIENTED ELECTRICAL STEEL SHEETS

(51) International classification :C21D8/12,B21B3/02,C22C38/00
 (31) Priority Document No :2010-055916
 (32) Priority Date :12/03/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/056127
 Filing Date :09/03/2011
 (87) International Publication No :WO 2011/111862
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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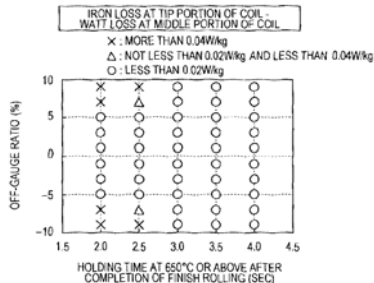
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(72)Name of Inventor :

1)KENICHI SADAHIRO

(57) Abstract :

Disclosed is a method for producing oriented electrical steel sheets which contain, by mass percent C: 0.01 0.10%, Si: 2.5 4.5% Mn: 0.02 0.12%, Al: 0.005 0.10%, N: 0.004 0.015%, and which further contain Se: 0.005 0.06% and/or S: 0.005 0.06%. In the method, the steel sheet temperature of the full length of coil during cooling after the finish rolling part of hot rolling fulfills $T(t) < FDT (FDT 700) \bar{A} - t / 6$ (wherein $T(t)$: steel sheet temperature (degrees Celsius); FDT: end temperature of finish rolling (degrees Celsius); t: time elapsed from the end of finish rolling (seconds)). By means of controlling the steel sheet temperature three seconds after completion of hot rolling to be 650C or greater in the forwardmost 10% of the coil length, an oriented electrical steel sheet with excellent magnetic properties can be obtained across the entire coil length.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2061/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/08/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : FLUID-OPERATED ACTUATING DRIVE ON A VALVING MEANS

(51) International classification :F04B53/16,F15B15/18,F15B15/06
(31) Priority Document No :10 2010 007 137.4
(32) Priority Date :05/02/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/000527
Filing Date :04/02/2011
(87) International Publication No :WO 2011/095350
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :
1)SCHAIBLE, Jochen
2)GROEDL, Marcus
3)SCHELP, Stephan
4)EUFINGER, Norbert

(57) Abstract :

The invention relates to a fluid-actuated actuating drive (1) on a valve, in particular a shut-off, safety or regulating valve, comprising a base unit (2) having control valves, two linear actuators (6, 7) which are located opposite of each other and can be actuated fluidically, and a mechanical converter (5) which is arranged between the two linear actuators and couples the gates thereof to each other, wherein the outlet of the converter is coupled to the inlet of the valve. To this end, the actuating drive is composed in a modular manner of individual components joined to form a functional unit in the form of the base unit, the two linear actuators and the mechanical converter.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2062/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/08/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : FLUID-OPERATED ACTUATING DRIVE ON A VALVING MEANS

(51) International classification	:F15B9/12
(31) Priority Document No	:10 2010 007 152.8
(32) Priority Date	:05/02/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/000528
Filing Date	:04/02/2011
(87) International Publication No	:WO 2011/095351
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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Altenstadt, GERMANY

(72)Name of Inventor :

1)SCHROBENHAUSER, Max

2)SCHAIBLE, Jochen

3)SCHELP, Stephan

4)GROEDL, Marcus

(57) Abstract :

The invention relates to a fluid-actuated actuating drive on a valve comprising a base unit (2) having an electro-fluidic signal converter and a fluidic controller and at least one linear actuator (4) that can be actuated using the fluidic controller, wherein the gate (11) of the linear actuator is directly or indirectly coupled to the inlet of the valve. A control unit (22) is connected to a signal input of the base unit, wherein the signal output is connected to the electro-fluidic signal converter. The actual value signal of a measurement transducer (24) associated to the valve is fed back to the control unit. A fluidic internal control circuit (27) is arranged functionally between the signal input and the at least one linear actuator, preferably downstream of the electro-fluidic signal converter.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2063/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/08/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD FOR OPERATING AN ENERGY AUTOMATION SYSTEM AND ENERGY AUTOMATION SYSTEM

(51) International classification	:H02J13/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2010/051854
Filing Date	:15/02/2010
(87) International Publication No	:WO 2011/098148
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)POCHAYEVETS, Oleksandr

(57) Abstract :

The invention relates to a method for operating an energy automation system (10) for an electrical energy supply network, said energy automation system having a local data processing device (11), which provides a program that, when executed provides functions for controlling and/monitoring the energy supply network, and which is connected to a plurality of automation devices (13) and to at least one remote data store (15a, 15b, 15c), in which at least one program component that is required to execute the program is stored. In order to shorten the duration of the start phase of the program, a copy of the at least one program component is held in a local data store (16) and, when the execution of the program starts, the local data processing device (11) checks if the copy of the at least one program component in the local data store (16) matches the program component stored in the remote data store (15a, 15b, 15c), wherein the local data processing device (11) executes the program using the at least one copy of the program component if there is a match and retrieves the at least one program component from the at least one remote data store (15a, 15b, 15c) and executes the program using the at least one retrieved program component if there is no match.

No. of Pages : 35 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2064/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/08/2012

(43) Publication Date : 22/03/2013

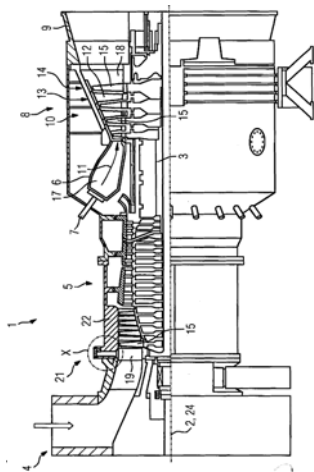
(54) Title of the invention : DRIVE DEVICE FOR PIVOTING ADJUSTABLE VANES OF A TURBOMACHINE

(51) International classification :F01D17/16,F04D29/56
(31) Priority Document No :10001722.7
(32) Priority Date :19/02/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/052188
Filing Date :15/02/2011
(87) International Publication No :WO 2011/101334
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :Wittelsbacherplatz 2, 80333 München,
GERMANY
(72)Name of Inventor :
1)HOFMANN, Markus

(57) Abstract :

The invention relates to a drive device (21) for pivoting adjustable blades (19) of a turbomachine, comprising an annular flow channel section (23) surrounded by a blade carrier (22) said section extending along the center line (24) of the blade carrier (22) and blades (19) being provided in said section in a ray-like manner, forming a ring, wherein each of the blades (19) can be pivoted about the longitudinal axis (31) thereof and each has a pin (26) which extends at least into the blade carrier (22) and is coupled to at least one adjustment ring (28) which encloses the blade carrier (22) and can be driven by means of at least one motor. In order to provide a particularly low-wear and reliable drive, the drive shaft of the motor or motors is coupled to the adjustment ring (28) or adjustment rings (28) by means of a pinion gear.



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

(54) Title of the invention : MOTOR UNIT

(51) International classification :H02K9/18,H02K9/19,H02K11/00

(31) Priority Document No :102010002068.0

(32) Priority Date :18/02/2010

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2011/050434

Filing Date :14/01/2011

(87) International Publication No :WO 2011/101186

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SIEMENS AKTIENGESELLSCHAFT

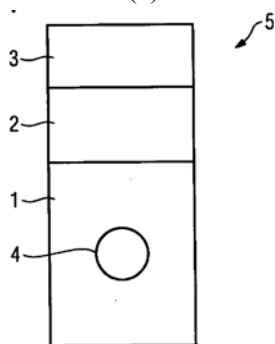
Address of Applicant :Wittelsbacherplatz 2, 80333 München, GERMANY

(72)Name of Inventor :

1)DORR, Gerhard

(57) Abstract :

The invention relates to a motor unit (5) comprising a motor (1), a heat exchanger (2) and an inverter (3) for the motor (1). In order to provide a compact and cost-effective motor unit, it is proposed that the heat exchanger (2) is configured to cool both the motor (1) and the inverter (3).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2066/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :06/08/2012

(43) Publication Date : 22/03/2013

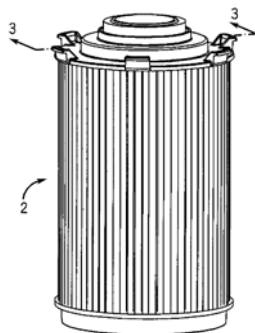
(54) Title of the invention : MODULAR FILTER ELEMENTS FOR USE IN A FILTER- IN- FILTER CARTRIDGE

(51) International classification :B01D27/06
(31) Priority Document No :12/820,784
(32) Priority Date :22/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/031257
Filing Date :05/04/2011
(87) International Publication No :WO 2011/162854
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CUMMINS FILTRATION IP, INC.
Address of Applicant :1400-73rd Avenue NE, Minneapolis,
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(72)**Name of Inventor :**
1)WIECZOREK, Terry, T.
2)SHULTS, Terry
3)HABERKAMP William C.
4)SHEUMAKER Jonathan
5)VERDEGAN Barry M.
6)HOLM Christopher E.
7)SCHWANDT Brian W.

(57) Abstract :

Disclosed are modular filter in filter elements namely an outer filter element and an inner filter element which may be assembled to form a filter cartridge for use in separation methods and systems. The outer filter element typically functions as a coalescing element and the inner element typically functions as a particulate filter element. The disclosed filter cartridges may be structured for separating water from a hydrocarbon based liquid fuel as the fuel moves through the cartridge from outside to inside.



No. of Pages : 45 No. of Claims : 94

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/08/2012

(21) Application No.2078/KOLNP/2012 A

(43) Publication Date : 22/03/2013

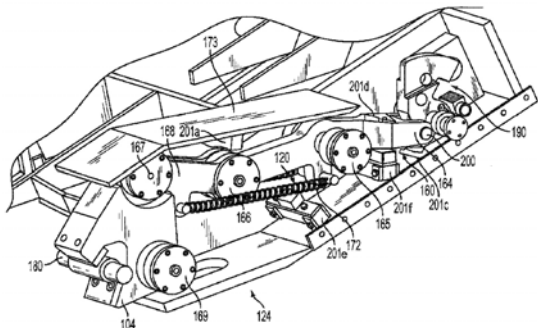
(54) Title of the invention : DIPPER DOOR LATCH WITH LOCKING MECHANISM

(51) International classification :E02F3/407,E02F3/43,E02F3/40
(31) Priority Document No :12/684,883
(32) Priority Date :08/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/020572
Filing Date :07/01/2011
(87) International Publication No :WO 2011/085243
(61) Patent of Addition 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)HREN, William, J.
2)COLWELL, Joseph, J.
3)SCHWAKE, Jeffrey, S.
4)KEARSLEY, Bruce, P.

(57) Abstract :

A dipper (38) including a dipper door (86) and an impact actuated jaw (104) having a C shape defining a lip (108) and a chin (112). The jaw (108) is rotatably mounted on the dipper door (86) for rotation between a door-opened position and a door-closed position and positioned so that when the jaw (104) is in the door-opened position, the jaw chin (112) can be impacted by the dipper body (62) when the door (86) pivots to the door-closed position. The dipper (38) also includes a hold open mechanism for releasably holding the door latch in the latch open position, when the latch is in the open position and a locking mechanism for releasably locking the latch when the latch is in the door closed position. The locking mechanism includes one bar (164) pivotally attached to the door (86), and another bar pivotally connected to and extending between each of the one bar (86) and the latch.



No. of Pages : 52 No. of Claims : 65

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2079/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/08/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : LENS HOLDER APPARATUS AND SYSTEM AND METHOD

(51) International classification :A61B17/06

(31) Priority Document No :12/705,523

(32) Priority Date :12/02/2010

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

(86) International Application No :PCT/US2011/021339

Filing Date :14/01/2011

(87) International Publication No :WO 2011/100087

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)PRESBIBIO, LLC

Address of Applicant :6922 Hollywood Blvd, Suite 306, Los Angeles, CA 90028 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)FEINGOLD, Vladimir

(57) Abstract :

An apparatus for safely retaining an eye implant lens for transport and access for inspection and use in which a holding apparatus has a chamber for holding a lens. In one embodiment the chamber has aligned transparent portions and a lens can be placed in alignment with the transparent portions to enable inspection. Also, a system including the apparatus and a bottle assembly that will hold the apparatus in the bottle. A method for holding an eye implant lens in which a lens is placed in the apparatus which can then be placed in a bottle assembly.

No. of Pages : 25 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2080/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/08/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : GRID FORMING MACHINE FOR MAKING PLATES OF ELECTRIC STORAGE CELLS

(51) International classification	:B21D31/04,H01M4/74	(71)Name of Applicant :
(31) Priority Document No	:PD2010A000282	1)SOVEMA S.P.A.
(32) Priority Date	:22/09/2010	Address of Applicant :Via Spagna, 13 I-37069 Villafranca
(33) Name of priority country	:Italy	(VR) ITALY
(86) International Application No	:PCT/IB2011/002157	(72)Name of Inventor :
Filing Date	:14/09/2011	1)FARINA, Pietro
(87) International Publication No	:WO 2012/038796	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Grid forming machine for making plates of electric storage cells, which comprises two pressing towers (5,6) operatively active in succession on a continuous lead band (2) that advances with a substantially constant speed, and each equipped with a framework (5,6) slidably mounted along the direction of forward movement of the band (2) on the support structure of the machine; with a linear actuator (13,14) mounted on the framework (5,6) of the tower and supporting a relative press (17,18); and with a matrix (15,16) fixed to the framework (5,6) under the linear actuator (13,14). The two presses (17,18) of the two pressing towers (5,6) are moved cyclically and alternately by the linear actuators (13,14). Moving means (20) are foreseen acting on the pressing towers (5, 6) to move them sliding with a back-and-forth cyclical stroke, and actuation means (210) to cyclically and alternately control the linear actuators (13,14) to move the presses (17,18) from the raised position to the lowered position.

No. of Pages : 37 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2081/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/08/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR ESTERIFYING FATTY ACID

(51) International classification :B01J19/24,C07C67/08,C10L1/18
(31) Priority Document No :1001984.2
(32) Priority Date :08/02/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/000158
Filing Date :07/02/2011
(87) International Publication No :WO 2011/095786
(61) Patent of Addition 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)JACKSON, Richard, Davis

2)DAVIES, Owen, Matthew

(57) Abstract :

A method of esterifying free fatty acid in natural oil comprises heating the natural oil (2) to a first temperature above a reaction temperature, feeding the heated natural oil into an acid resistant pipe reactor (5), providing a mixture of acid catalyst (6) and short chain alcohol (8) at a second temperature below the reaction temperature, and feeding the mixture of acid catalyst and short chain alcohol into the natural oil in the pipe reactor (5). The short chain alcohol and free fatty acid react at the reaction temperature to form an ester.

No. of Pages : 28 No. of Claims : 15

(54) Title of the invention : CUTTING EDGE REPLACEMENT TYPE GROOVE FORMING TOOL AND END FACE GROOVE FORMING METHOD

(51) International classification :B23B27/04,B23B27/00,B23B27/14
 (31) Priority Document No :2010-024708
 (32) Priority Date :05/02/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/052353
 Filing Date :04/02/2011
 (87) International Publication No :WO 2011/096511
 (61) Patent of Addition 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)NAGAYA, Hidehiko
2)ASO, Norio
3)IMAI, Yasuharu
4)WATANABE, Shoichiro
5)ISHIZAWA, Kenji

(57) Abstract :

A cutting insert (130) is formed in such a way as to be rotationally symmetric with respect to a height-wise axis (C3) and plane symmetric with respect to an insert virtual plane (VS1). A width-wise axis (C2) is inclined in such a way that the farther the same extends in a first width direction (C2A) the more closely the same gradually approaches the front of a rotational direction in which a workpiece-to-be-cut (W) rotates. The farther an extension-wise axis (C1) extends in a first extension direction (C1A), the farther the extension-wise axis (C1) gradually extends toward the lower surface of an insert body (131) in such a way as to approach a tool virtual plane. A first corner section (143C) in a second cutting edge (132B) is located at a farther position in the first width direction (C2A) than is a first corner section (143A) in a first cutting edge (132A).

No. of Pages : 154 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2084/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/08/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : A CENTRIFUGAL CLUTCH APPARATUS

(51) International classification	:F16D43/18
(31) Priority Document No	:2010-015839
(32) Priority Date	:27/01/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/051599
Filing Date	:27/01/2011
(87) International Publication No	:WO 2011/093379
(61) Patent of Addition 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)KATAOKA Makoto
2)YAMAGISHI Masahiro
3)MIWA Naoyuki
4)MURAI Masataka
5)AONO Kaoru

(57) Abstract :

Disclosed is a centrifugal clutch device with a simple structure which can inhibit clutch squeal and reduce manufacturing costs. The centrifugal clutch device is equipped with: a drive plate (4); a clutch means (5) which is mounted on the drive plate (4), and which can swing on the outer diameter side of the drive plate (4) when centrifugal force is applied; an output housing (6); and a friction material (5a) which is bonded to the surface of the clutch means (5) which faces the surface of the inner peripheral wall of the output housing (6) and which comes into contact with the surface of the inner wall when the clutch means (5) is swung by centrifugal force rotating the output housing (6) by transmitting the drive force from a drive means thereto. The centrifugal clutch device is provided with: a groove (6c) which is formed in the inner peripheral wall of the output housing (6); and a tension member (12) which is formed from a ring-shaped member which can be fitted in the groove (6c), and which is mounted in the groove (6c) so that the diameter of said tension member (12) is stretched by being fitted in the groove, impelling the tension member (12) to the outer diameter of the groove (6c).

No. of Pages : 28 No. of Claims : 4

(54) Title of the invention : OPTIMIZED CELLULASE ENZYMES

(51) International classification :C12N9/42
 (31) Priority Document No :10153355.2
 (32) Priority Date :11/02/2010
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2011/052023
 Filing Date :11/02/2011
 (87) International Publication No :WO 2011/098551
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

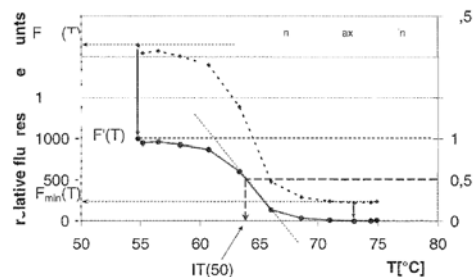
1)SÜD-CHEMIE IP GMBH & CO. KGAddress of Applicant :Lenbachplatz 6 80333 München
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(72)Name of Inventor :

1)KETTLING, Ulrich**2)REISINGER, Christoph****3)BRÜCK, Thomas****4)KOLTERMANN, Andre****5)GERLACH, Jochen****6)UNTERSTRASSER, Isabel****7)RÖCHER, Lutz****8)RARBACH, Markus****9)CLAREN, Jörg****10)KOHL, Andreas****11)PIECK, Jan Carsten****12)SCHLOSSER, Dominik**

(57) Abstract :

The invention discloses cellulase enzymes with optimized properties for processing of cellulose and lignocellulose-containing substrates. In particular, cellobiohydrolase enzymes with preferred characteristics are disclosed. The present invention provides fusion, insertion, deletion and/or substitution variants of such enzymes. Enzyme variants have enhanced thermostability, proteolytic stability, specific activity and/or stability at extreme pH. Nucleic acid molecules encoding said enzymes, a composition comprising said enzymes, a method for preparation, and the use for cellulose processing and/or for the production of biofuels are disclosed.



No. of Pages : 181 No. of Claims : 31

(54) Title of the invention : CEILING-MOUNTED INDOOR UNIT FOR AIR CONDITIONING APPARTUS

(51) International classification :F24F11/02,F24F13/20
 (31) Priority Document No :2010-014629
 (32) Priority Date :26/01/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/051505
 Filing Date :26/01/2011
 (87) International Publication No :WO 2011/093343
 (61) 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.

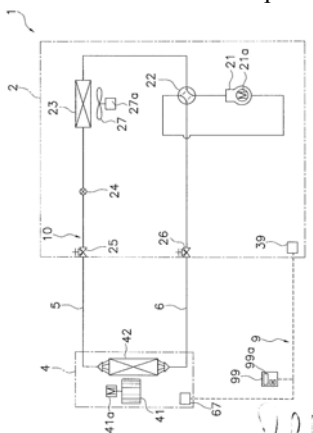
Address of Applicant :Umeda Center Building, 4-12,
 Nakazaki-Nishi 2- Chome, Kita-ku, Osaka-shi, Osaka 530-8323,
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(72)Name of Inventor :

1)YUMOTO Yoshiaki**2)YOKOMIZO Tsuyoshi****3)MICHITSUJI Yoshiharu****4)NOUCHI Yoshiteru**

(57) Abstract :

Disclosed is a ceiling-mounted indoor unit for an air conditioning device which improves the agitation of air in an air conditioned room and improves the reach of air blown a distance. A ceiling-mounted indoor unit (4) is provided with a casing (51), at least four horizontal blades (71a-71d), and an in-room control unit (67). Outlets (56) are formed along the periphery of a decorative panel (52) of the casing (51). The horizontal blades (71a-71d), are rotationally equipped to the outlets (56), and the air direction angle of each horizontal blade (71a-71d) can be independently moved up or down. The in-room control unit (67) controls each horizontal blade (71a-71d) so that first horizontal blades, which are made up of at least two adjacent horizontal blades (71a-71d) from the horizontal blades (71a-71d), take the same position and swing and the combination of first horizontal blades shifts in order along the peripheral section of the decorative panel (52).



No. of Pages : 56 No. of Claims : 10

(54) Title of the invention : WATERMARK GENERATOR, WATERMARK DECODER, METHOD FOR PROVIDING A WATERMARK SIGNAL IN DEPENDENCE ON BINARY MESSAGE DATA, METHOD FOR PROVIDING BINARY MESSAGE DATA IN DEPENDENCE ON A WATERMARKED SIGNAL AND COMPUTER PROGRAM USING A TWO-DIMENSIONAL BIT SPREADING

(51) International classification :G10L19/00
 (31) Priority Document No :10154960.8
 (32) Priority Date :26/02/2010
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2011/052622
 Filing Date :22/02/2011
 (87) International Publication No :WO 2011/104243
 (61) Patent of Addition 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)WABNIK, Stefan

2)PICKEL, Jörg

3)GREEVENBOSCH, Bert

4)GRILL, Bernhard

5)EBERLEIN, Ernst

6)DEL GALDO, Giovanni

7)KRÄGELOH, Stefan

8)ZITZMANN, Reinhard

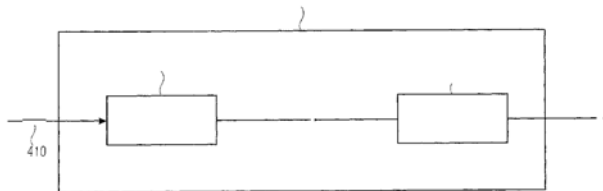
9)BLIEM, Tobias

10)BREILING, Marco

11)BORSUM, Juliane

(57) Abstract :

A watermark generator (2400) for providing a watermark signal (2420) in dependence on binary message data (2410) comprises an information processor (2430) configured to provide, in dependence on a single message bit of the binary message data, a 2-dimensional spread information (2432) representing the message bit in the form of a set of time-frequency-domain values. The watermark generator also comprises a watermark signal provider (2440) configured to provide the watermark signal on the basis of the 2-dimensional spread information. A Watermark detector, methods and computer programs are also described.



No. of Pages : 86 No. of Claims : 17

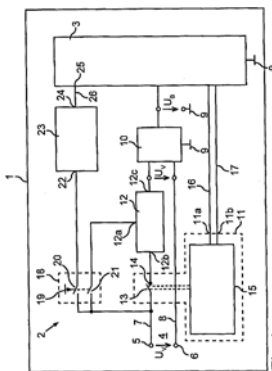
(54) Title of the invention : CIRCUIT ASSEMBLY FOR OPERATING A HOUSEHOLD APPLIANCE AND CORRESPONDING METHOD

(51) International classification :H01H47/00
 (31) Priority Document No :102010002277.2
 (32) Priority Date :24/02/2010
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2011/051433
 Filing Date :02/02/2011
 (87) International Publication No :WO 2011/104073
 (61) Patent of Addition 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)HELMSCHMIDT, Holger
2)GIETL, Günter
3)BISCHOFF, Martin
4)EVARD, Sebastian
5)KNOPP, Lothar
6)SATTLER, Guido
7)ZARUBA, Károly

(57) Abstract :

The present invention relates to a circuit assembly 2 for operating a household appliance 1, comprising: a circuit input 4 for applying an AC supply voltage U_v , a control device 3 for controlling operating processes of the household appliance 1, a voltage supply unit 10 coupled to the control device 3 for providing a DC operating voltage U_B for the control device 3 from the AC supply voltage, an operator actuatable pushbutton 18 by means of which the voltage supply unit 10 can be coupled to the circuit input 4, and an electric switch 11 connected in parallel to the pushbutton 18. The electric switch can be switched by the control device 3 between an electrically conductive switch state in which the voltage supply unit 10 is coupled to the circuit input 4 and an electrically disabling switch state, wherein the circuit assembly 2 comprises a state detection device 23 which is coupled to the pushbutton 18 and the control device 3 and is designed to detect a switch state of the pushbutton 18 and to output a state signal 26 that reflects the switch state of the pushbutton 18 to the control device 3, wherein the control device 3 is designed to switch the electric switch 11 in accordance with the state signal 26, and at least partially electrically decouples the state detection device 23 from the electric switch 11 by means of a decoupling device 12 connected between the electric switch 11 and the state detection device 23.



No. of Pages : 30 No. of Claims : 16

(54) Title of the invention : USE OF EP4 RECEPTOR ANTAGONISTS IN THE TREATMENT OF IL-23 MEDIATED DISEASES

(51) International classification :A61K45/00,A61K31/38,A61K31/437
 (31) Priority Document No :61/282,506
 (32) Priority Date :22/02/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/JP2011/000994
 Filing Date :22/02/2011
 (87) International Publication No :WO 2011/102149
 (61) Patent of Addition 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)KANAZAWA, Kiyoshi
2)NONOMURA, Kazuhiko
3)OKUMURA, Takako
4)KOIZUMI, Shinichi

(57) Abstract :

This invention relates to a compound with EP4 antagonistic activity, or a pharmaceutically acceptable salt with EP4 receptor antagonistic activities, which is useful in the treatment of immune disease or allergy. This invention also relates to a compound of formula(I),(II),(III), (IV),(Va) or (Vb), or a pharmaceutically acceptable salt thereof with EP4 receptor antagonistic activities, which is useful in the treatment of immune disease or allergy. This invention also relates to a pharmaceutical composition for the treatment of immune disease or allergy which comprises a therapeutically effective amount of a compound of formula (I),(II), (III), (IV), (Va) or (Vb), or a pharmaceutically acceptable salt thereof. Further this invention relates to a method for the treatment of immune disease or allergy in an animal subject including a mammalian subject, which comprises administering to the animal subject including a mammalian subject a compound of the formula (I), (II), (III), (IV), (Va) or (Vb), or a pharmaceutically acceptable salt thereof.

No. of Pages : 78 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2077/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/08/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : COMPONENT CARRIER (DE) ACTIVATION IN COMMUNICATION SYSTEMS USING CARRIER AGGREGATION

(51) International classification :H04L5/00,H04W76/06,H04W72/04
(31) Priority Document No :10001479.4
(32) Priority Date :12/02/2010
(33) Name of priority country:EPO
(86) International Application No :PCT/EP2011/000532
Filing Date :04/02/2011
(87) International Publication No :WO 2011/098236
(61) Patent of Addition 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)FEUERSÄNGER, Martin
2)LÖHR, Joachim
3)GOLITSCHKE EDLER VON ELBWART, Alexander
4)WENGERTER, Christian

(57) Abstract :

This invention relates to the proposal of component carrier (de)activation message that is allowing a activation or deactivation of one or more component carriers in the uplink or downlink. Furthermore, the invention relates to the use of the new component carrier (de)activation message in methods for (de)activation of downlink component carrier(s) configured for a mobile terminal, a base station and a mobile terminal. To enable efficient and robust (de)activation of component carriers, the invention proposes to use component carrier-specific or cell-RNTI(s) for the scrambling of the CRC of the component carrier (de)activation message, and to explicitly indicate the intended recipient of the component carrier (de)activation message in a corresponding field in the message. Furthermore, the invention further proposes different designs of the component carrier (de)activation message and further uses thereof, so as to trigger CQI reporting and/or SRS transmission by a mobile terminal.

No. of Pages : 87 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2088/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/08/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD FOR DETECTING THE ROTATION AND DIRECTION OF ROTATION OF A ROTOR

(51) International classification :G01P3/48,G01P3/488,G01P13/00

(31) Priority Document No :102010005231.0

(32) Priority Date :21/01/2010

(33) Name of priority country :Germany

(86) International Application
No :PCT/EP2010/007838

Filing Date :21/12/2010

(87) International Publication
No :WO 2011/088880

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SENSUS SPECTRUM LLC

Address of Applicant :8601 Six Forks Road, Suite 700,
Raleigh, NC 27615, U.S.A

(72)Name of Inventor :

1)BAUMANN, Joachim

(57) Abstract :

The invention relates to a method for detecting the rotation and the direction of rotation of a rotor (1), on which at least one damping element is positioned, wherein two sensors (S1,S2) having a mutual distance are arranged at a slight distance from the rotor (1) and the damping element (D). The sensors (S1,S2) form resonant circuits, which are more or less damped depending on the position of the damping element (D). After a standardization has been performed, the measurements are taken by observing consecutive rotational angle positions in that the present decay times of the sensors (S1,S2) are measured in the rhythm of a scanning frequency and then the standardization rules are applied to the measured decay times of the sensors (S1,S2). Then a vector, which is entered into a coordinate system is formed from said values. Subsequently, the present vector angle is determined and compared to the value of a suitable prior vector angle. From the result of the comparison, it is determined whether the rotor (1) has performed a rotation and whether said rotation was forward or backward. By repeating the measurements in the rhythm of the scanning frequency, the rotational motions of the rotor (1) can be detected with high accuracy.

No. of Pages : 16 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2089/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :07/08/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : PRODUCT FOR FLUIDIC APPLICATIONS, METHOD FOR ITS PRODUCTION AND USE OF SUCH A PRODUCT

(51) International classification	:F15D1/06
(31) Priority Document No	:10 2010 007 570.1
(32) Priority Date	:10/02/2010
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2011/051488
Filing Date	:02/02/2011
(87) International Publication No	:WO 2011/098383
(61) Patent of Addition 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)THYSSENKRUPP NIROSTA GMBH
(72)**Name of Inventor :**
1)KRAUTSCHICK, Hans-Joachim
2)HÜLSTRUNG, Joachim

(57) Abstract :

The invention relates to a product for fluidic applications, having at least one surface section A provided for coming into contact with a fluid flowing in a flow direction S, wherein ribs 1, 1, 1 of a particular length L1, L2 and shape are formed in the section A coming into contact with the fluid, of which adjacent ribs 1, 1, 1 bound a depression 8, 8 between said ribs, to a method for producing same and to a use of such a product. The product according to the invention can be produced economically having further improved flow properties. The aim of the invention is achieved in that at least two ribs 1, 1, 1 and the depression 8, 8 bounded thereby are collected into a group G, G, at least two groups G, G1 are present, each group G, G is separated by means of a depression 8, 8 from each adjacent group G, G1 as viewed transverse to the flow direction S of the fluid, and the height profile of the depression 12, 12 separating the groups G, G from each other is different from the height profile of the depressions bounded by those ribs 1, 1, 1 of the groups G, G simultaneously bounding the depression 12, 12 separating the groups G, G from each other.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2100/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : MANAGED FIBER CONNECTIVITY SYSTEMS

(51) International classification :G02B6/38,G02B6/43,H01R13/00
(31) Priority Document No :61/303,961
(32) Priority Date :12/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/024653
Filing Date :11/02/2011
(87) International Publication No :WO 2011/100635
(61) Patent of Addition 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)SCHROEDER, Michael, D.
2)PETERSEN, Cyle, D.
3)STASNY, John
4)BRANDT, Steven, J.
5)PATEL, Kamlesh, G.
6)ANDERSON, John
7)OGREN, Bruce

(57) Abstract :

A communications connection system includes a fiber optic adapter module(1810,1200,2210,4200,5200)configured to receive multiple fiber optic connectors (1820,1830,1110,4110,5100). The fiber optic adapter module includes one or more media reading interfaces (1816,1818,1230,2230,4230,5230). Each media reading interface is configured to determine whether a fiber optic connector is received at one of the ports of the adapter module. Certain types of connectors store physical layer information. Certain types of media reading interfaces are configured to read the physical layer information from the connector if the connector stores such information.

No. of Pages : 166 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2101/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : SYNERGISTIC FUNGICIDAL MIXTURES

(51) International classification :A01N37/24,A01N43/40,A01N43/56
(31) Priority Document No :10155513.4
(32) Priority Date :04/03/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/053093
Filing Date :02/03/2011
(87) International Publication No :WO 2011/107508
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)BASF SE
Address of Applicant :67056 Ludwigshafen GERMANY
(72)Name of Inventor :
1)GEWEHR, Markus

(57) Abstract :

The present invention relates to a mixture, comprising the succinate dehydrogenase inhibitor boscalid and at least one insecticidally active compound II selected from groups A) to D) as defined in the description in a synergistically effective amount, and to compositions comprising these mixtures.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2102/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : EVALUATING PUBLIC RECORDS OF SUPPLY TRANSACTIONS FOR FINANCIAL INVESTMENT DECISIONS

(51) International classification	:G06F7/00
(31) Priority Document No	:61/293,931
(32) Priority Date	:11/01/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/020807
Filing Date	:11/01/2011
(87) International Publication No	:WO 2011/085360
(61) Patent of Addition 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 :20 West 22nd Street Suite 801, New York NY 10010 UNITED STATES OF AMERICA

(72)Name of Inventor :

1)PSOTA, James, Ryan

2)GREEN, Joshua

(57) Abstract :

A platform facilitates buyers, sellers, and third parties in obtaining information related to each other's transaction histories, such as a supplier's shipment history, the types of materials typically shipped, a supplier's customers, a supplier's expertise, what materials and how much a buyer purchases, buyer and shipper reliability, similarity between buyers, similarity between suppliers, and the like. The platform aggregates data from a variety of sources, including, without limitation, customs data associated with actual import/export transactions and facilitates the generation of reports as to the quality of buyers and suppliers, the reports relating to a variety of parameters that are associated with buyer and supplier quality.

No. of Pages : 118 No. of Claims : 20

(54) Title of the invention : PHARMACEUTICAL COMPOSITION FOR THE PREVENTION OR THE TREATMENT OF NON-ALCOHOLIC FATTY LIVER DISEASE AND THE METHOD FOR PREVENTION OR TREATMENT OF NON-ALCOHOLIC FATTY LIVER DISEASE USING THE SAME

(51) International classification :A61K31/496,A61K31/401,A61P1/16
 (31) Priority Document No :10-2010-0026134
 (32) Priority Date :24/03/2010
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2011/001988
 Filing Date :23/03/2011
 (87) International Publication No :WO 2011/118976
 (61) Patent of Addition 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)AN, Gook-Jun

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3)CHO, Eun-Jung

4)CHAE, Yu-Na

5)CHOI, Song-Hyen

6)KIM, Ha-Dong

7)SHIN, Chang-Yell

8)KIM, Mi-Kyung

9)KWAK, Woo-Young

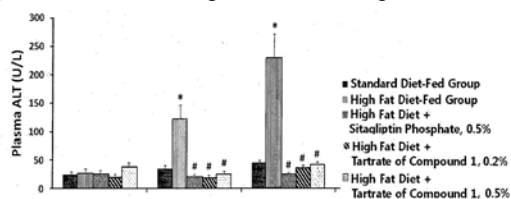
10)KIM, Heung-Jae

11)SON, Moon-Ho

12)KIM, Soon-Hoe

(57) Abstract :

The present invention provides a pharmaceutical composition for the prevention and treatment of a non alcoholic fatty liver disease (NAFLD), containing an active ingredient selected from the group consisting of Compound 1 represented by formula 1 sitagliptin vildagliptin linagliptin or a pharmaceutically acceptable salt thereof. Further the present invention provides a method for the prevention or treatment of a non alcoholic fatty liver disease including administering an effective amount of an active ingredient selected from the group consisting of Compound 1 represented by formula 1 sitagliptin vildagliptin linagliptin or a pharmaceutically acceptable salt thereof to a mammal including a human in need thereof. Further the present invention provides use of Compound 1 represented by formula 1 sitagliptin vildagliptin linagliptin or a pharmaceutically acceptable salt thereof for manufacturing a pharmaceutical composition for the prevention or treatment of a non alcoholic fatty liver disease.



*; Significant Increase as Compared to a Standard Diet Group (p<0.05)
 #; Significant Decrease as Compared to a High Fat Diet Group (p<0.05)

No. of Pages : 35 No. of Claims : 27

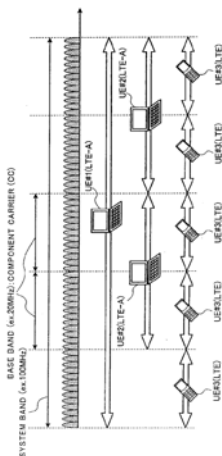
(54) Title of the invention : MOBILE TERMINAL DEVICE AND UPLINK CONTROL INFORMATION SIGNAL TRANSMISSION METHOD

(51) International classification :H04W28/06,H04W72/04
 (31) Priority Document No :2010-030374
 (32) Priority Date :15/02/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/053081
 Filing Date :15/02/2011
 (87) International Publication No :WO 2011/099615
 (61) Patent of Addition 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)KISHIYAMA, Yoshihisa
2)KAWAMURA, Teruo
3)NISHIKAWA, Daisuke

(57) Abstract :

Provided is an uplink control information transmission method that involves minimal changes from the method used in LTE but supports a larger system band and an increased number of transmission layers when a PUSCH signal is transmitted in the same subframe. In the provided method a UCI signal is generated for a base station device (20) for a mobile communication system which uses a system band comprising a plurality of component carriers and in user specific component carriers used to transmit PUCCH signals a UCI signal transmitted in the same subframe as a PUSCH signal is multiplexed onto the PUSCH signal and the PUSCH signal with the UCI signal multiplexed thereon is sent to the base station device (20).



No. of Pages : 61 No. of Claims : 10

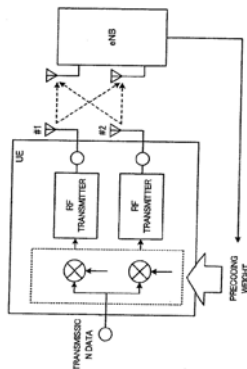
(54) Title of the invention : RADIO BASE STATION DEVICE, MOBILE TERMINAL DEVICE, AND WIRELESS COMMUNICATION METHOD

(51) International classification :H04J99/00,H04J11/00,H04W16/28
 (31) Priority Document No :2010-030626
 (32) Priority Date :15/02/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/052693
 Filing Date :09/02/2011
 (87) International Publication No :WO 2011/099496
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)NTT DOCOMO INC.
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1)KAKISHIMA, Yuichi
2)TAOKA, Hidekazu
3)KAWAMURA, Teruo
4)KISHIYAMA, Yoshihisa

(57) Abstract :

Provided are a radio base station device, a mobile terminal device and a wireless communication method, which can efficiently use a sounding reference signal (SRS) in an LTE-A system. The wireless communication method is characterized in that the radio base station device subjects a transmission signal that includes transmission information about the SRS in each of the transmission antennae to OFDM modulation and transmits the OFDM modulated transmission signal while the mobile terminal device receives the signal with the transmission information controls the transmission mode for the SRS in each of the transmission antennae based on the transmission information and transmits the SRS to each of the transmission antennae in the transmission mode.



No. of Pages : 78 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2105/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR IDLING A NETWORK CONNECTION

(51) International classification :G06F9/46,H04L12/26,H04L29/08

(31) Priority Document No :61/295,622

(32) Priority Date :15/01/2010

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

(86) International Application
No :PCT/US2011/020019

Filing Date :03/01/2011

(87) International Publication
No :WO 2011/087924

(61) Patent of Addition to
Application Number :NA

Filing Date :NA

(62) Divisional to Application
Number :NA

Filing Date :NA

(71)Name of Applicant :

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UNITED STATES OF AMERICA

(72)Name of Inventor :

1)MASPUTRA, Cahya A.

2)VAN MILLIGAN, Michael R.

3)GRAESSLEY, Joshua V.

(57) Abstract :

The described embodiments provide a system that controls the operating state of a network interface. During operation in response to receiving a request from an application to use the network interface for a route, the system creates a route structure for the route and increments a route reference counter in an interface data structure for the network interface. Upon subsequently determining that the application is no longer using the route the system sets a route expiration timer in the route structure to a predetermined expiration time. When the route expiration timer expires the system deletes the route structure and decrements the route reference counter in the interface data structure. When decrementing the route reference counter in the interface data structure causes the route reference counter to be equal to zero, the system sends a signal to a configuration application to inform the application that the network interface can be idled.

No. of Pages : 37 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2096/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : HIGH STRENGTH STEEL SHEET HAVING EXCELLENT DUCTILITY AND METHOD FOR MANUFACTURING THE SAME

(51) International classification :C22C38/00,B21B3/00,C21D9/46
(31) Priority Document No :2010-077305
(32) Priority Date :30/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/055007
Filing Date :25/02/2011
(87) International Publication No :WO 2011/122237
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :

1)KOBAYASHI Takashi

2)FUNAKAWA Yoshimasa

3)MEGA Tetsuya

(57) Abstract :

Disclosed is a steel sheet with high tensile strength and superior ductility having tensile strength of 700-900 MPa and capable of avoiding abrupt failure during press molding and method for producing the same. The steel sheet with high tensile strength and superior ductility is characterized by having a composition containing 0.5-1.5% C, 0.1% or less Si, 10-25% Mn, 0.1% or less P, 0.05% or less S, 0.1% or less Al, 3.0-8.0% Ni, 0.1% or less Mo, and 0.01% or less N (% by mass), with the remainder being Fe and unavoidable impurities and by having recrystallized austenite particles with an average particle diameter of 5-30 μm or, further, a microstructure formed from another structure with an areal proportion of 1% or less.

No. of Pages : 30 No. of Claims : 4

(54) Title of the invention : ULTRA HIGH STRENGTH COLD-ROLLED STEEL SHEET AND METHOD FOR MANUFACTURING THE SAME

(51) International classification:C22C38/06,C22C38/16,C21D9/46

(31) Priority Document No :2010-067921

(32) Priority Date :24/03/2010

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2011/056128

Filing Date :09/03/2011

(87) International Publication No :WO 2011/118459

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)YOSHINO Masataka

2)HASEGAWA Kohei

(57) Abstract :

Disclosed is an ultra high strength cold rolled steel sheet having high flatness and a martensite single phase structure which is obtained by suppressing deterioration in steel sheet shape during the hardening process in continuous annealing. Specifically disclosed is a method for producing an ultra high strength cold rolled steel sheet that has a tensile strength of 980 MPa or more by continuously annealing a steel sheet after cold rolling, said steel sheet having a component composition that contains, in mass%, 0.05-0.40% of C, 2.0% or less of Si, 0.05% or less of P, 0.02% or less of S, 0.01-0.05% of Al, less than 0.005% of N and 1.0-3.0% of Mn, with the balance made up of Fe and unavoidable impurities. In the continuous annealing, the steel sheet is primarily cooled from a soaking temperature that is not less than the Ac3 transformation point to the temperature range from the Ms point to the Ms point + 200°C at an average cooling rate of 20°C/second or more, and after maintaining the resulting steel sheet within the above-described temperature range for 0.1-60 seconds, the steel sheet is secondarily cooled to 100°C or less at an average cooling rate of 100°C/second or more, thereby obtaining an ultra high strength cold rolled steel sheet having a flatness of 10 mm or less.

No. of Pages : 40 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2099/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : HFCWO VEST

(51) International classification	:A61H23/04
(31) Priority Document No	:10305051.4
(32) Priority Date	:18/01/2010
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2011/050603
Filing Date	:18/01/2011
(87) International Publication No	:WO 2011/086200
(61) Patent of Addition 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)MITCHELL, Barrett, Reed

(72)Name of Inventor :

1)MITCHELL, Barrett, Reed

2)LUPI, Fabio

3)GIANANGELI, Paolo

4)POLDI, Giovanni

5)MALERBA, Giulio

6)PONTESILLI, Marco

7)MITCHELL, Christine, Y.P.A.

(57) Abstract :

A medical vest (2) for High Frequency Chest Wall Oscillation treatments (HFCWO) comprising a compartment configured to be successively inflated and deflated to perform repetitive compressions to a user s body, characterized in that said vest (2) further comprises at least one other compartment configured such as the at least two compartments are adapted to be inflated and deflated independent of each other.

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

(54) Title of the invention : ROCK DRILLING MACHINE AND USE THEREOF FOR HINDERING OCCURRENCE AND SPREADING OF CAVITATION BUBBLES

(51) International classification :B25D9/12,E21B1/02,B25D17/24
 (31) Priority Document No :1050317-5
 (32) Priority Date :01/04/2010
 (33) Name of priority country :Sweden
 (86) International Application No :PCT/SE2011/050342
 Filing Date :28/03/2011
 (87) International Publication No :WO 2011/123028
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)Atlas Copco Rock Drills AB

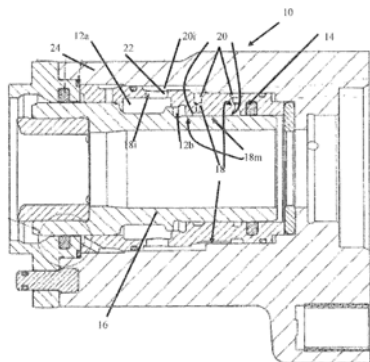
Address of Applicant :S-701 91 Örebro SWEDEN Sweden

(72)Name of Inventor :

1)ÖSTLING, Thomas

(57) Abstract :

Rock drilling machine (10) comprising a piston that is arranged to move back and forth in a chamber (12a,12b) when the rock drilling machine (10) is in use, a cavitation-sensitive component (14), and an oil channel that is arranged to extend between the chamber (12a,12b) and said cavitation sensitive component (14). The oil channel comprises a series of restrictions (18) and oil volumes (20) to hinder the movement of cavitation bubbles through said oil channel.



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

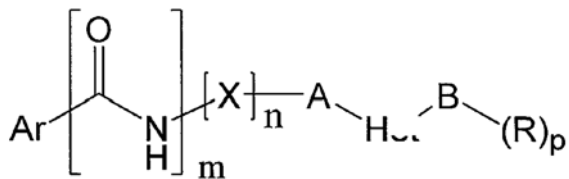
(54) Title of the invention : 5-HT4 RECEPTOR AGONISTS FOR THE TREATMENT OF DEMENTIA

(51) International classification :A61K31/454,A61P25/14,A61P43/00
 (31) Priority Document No :61/282,432
 (32) Priority Date :12/02/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/JP2011/000793
 Filing Date :14/02/2011
 (87) International Publication No :WO 2011/099305
 (61) Patent of Addition 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)OHSHIRO, Hiroyuki
2)FUJIUCHI, Akiyoshi
3)TAKE, Yukinori

(57) Abstract :

This invention relates to a compound of formula (I) or a pharmaceutically acceptable salt thereof with 5-HT4 agonistic activities, which is useful in the treatment of dementia. This invention also relates to a pharmaceutical composition for the treatment of dementia which comprises a therapeutically effective amount of a compound of formula (I) or a pharmaceutically acceptable salt thereof. Further this invention relates to a method for the treatment of dementia in an animal subject including a mammalian subject, which comprises administering to the animal subject including a mammalian subject a compound of the formula (I) or a pharmaceutically acceptable salt thereof.



No. of Pages : 49 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2113/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

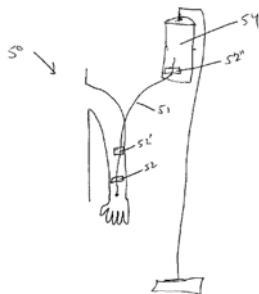
(54) Title of the invention : HEALTHCARE FORM ASSEMBLY HAVING A PLURALITY OF REMOVABLE STRIPS WITH ADHESIVE FREE FEATURE

(51) International classification :A61M25/02,A61F13/02,A61M5/142
(31) Priority Document No :61/302,593
(32) Priority Date :09/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/023853
Filing Date :07/02/2011
(87) International Publication No :WO 2011/100181
(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)DEHLINGER, Anne, M.
2)MOORE, Michael, J.
3)BECKER, William

(57) Abstract :

A healthcare treatment form assembly (10) suitable for use in a patient treatment theater for use in securing treatment appliances to an individual. The form assembly includes a laminated, pressure sensitive assembly having a plurality of uniquely sized strips (32,34) that can be easily removed and applied by the care giver.



No. of Pages : 19 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2114/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : METHOD AND APPARATUS FOR REDUCING GLARE AND/OR INCREASING PRIVACY OF A SELF-SERVICE DEVICE

(51) International classification	:H05K5/00
(31) Priority Document No	:12/825,522
(32) Priority Date	:29/06/2010
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2011/024685
Filing Date	:14/02/2011
(87) International Publication No	:WO 2012/003011
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)SHIRBABADI, Daryoosh

(57) Abstract :

A method for minimizing glare and/or increasing privacy for a user of a self service device is provided. The method may include mechanical means such as a fixed visor and/or hood or a user operated hinged glare reducing overlay screen. The method may further include as using sensors that detect the user s eyes and other sensors to detect a source of light that produces glare. Information from these sensors may be sent to a computer controlled system that operates system of actuators. The actuators are operated by the computer in response to sensor inputs to adjust the screen angle relative the user to minimize glare for that user and/or increase privacy from surreptitiously observing eyes or cameras.

No. of Pages : 35 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2115/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : A MULTIMODAL CATHETER

(51) International classification :A61B5/026,A61B5/027,A61B8/06
(31) Priority Document No :61/305,605
(32) Priority Date :18/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/050686
Filing Date :18/02/2011
(87) International Publication No :WO 2011/101813
(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)CHEVALIER, Eric

(57) Abstract :

Catheter based system for providing functional and morphological characterization of arteries, comprising a catheter (1) configured for insertion in an artery (3), and a sensor system (5) for mapping hemodynamic parameters mounted on the catheter (1), the sensor system comprising at least two anemometric probes (7,8a, 8b, 9a, 9b, 19, 20, 21, 22) spatially arranged in a deployed position and configured to measure flow velocity components (V_x , V_r) in at least two different positions spaced apart in a radial direction R of such that a possible restriction of the artery due for example to a stenosis plaque or other local deformation (3a) of the artery is measurable.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2116/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : GHRELIN RECEPTOR AGONIST FOR TREATMENT OF DYSCRASIA

(51) International classification :C07D471/04,A61K31/437,A61P1/14
(31) Priority Document No :2010-043484
(32) Priority Date :26/02/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/054556
Filing Date :28/02/2011
(87) International Publication No :WO 2011/105611
(61) Patent of Addition 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)SHIMADA, Kaoru
2)SUDO, Masaki
3)TAJIMI, Masaomi
4)TAKAHASHI, Nobuyuki
5)NONOMURA, Kazuhiko

(57) Abstract :

Use of a specific compound or a pharmaceutically acceptable salt thereof or a pharmaceutical composition containing the compound or the salt thereof in the production of a medicinal agent for treating dyscrasia; a method for treating the disease which comprises administering the compound or a pharmaceutical composition containing the compound to a human or animal body; use of a combination of the compound or a pharmaceutically acceptable salt thereof or a pharmaceutical composition containing the compound or the salt thereof and at least one second active ingredient; and a pharmaceutical composition and a kit for use in the treatment of the disease, each of which comprises the compound or a pharmaceutically acceptable salt thereof.

No. of Pages : 52 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2117/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/08/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : COMMUNICATIONS BLADED PANEL SYSTEMS

(51) International classification	:H04Q1/08,G02B6/44	(71)Name of Applicant :
(31) Priority Document No	:61/303,948	1)ADC TELECOMMUNICATIONS,INC.
(32) Priority Date	:12/02/2010	Address of Applicant :13625 Technology Drive, Eden Prairie,
(33) Name of priority country	:U.S.A.	MN 55344-2252, U.S.A
(86) International Application No	:PCT/US2011/024635	(72)Name of Inventor :
Filing Date	:11/02/2011	1)ANDERSON, Chad
(87) International Publication No	:WO 2011/100619	2)KOSTECKA, Ryan
(61) Patent of Addition to Application	:NA	3)STONE, David, George
Number	:NA	4)WENTWORTH, Michael, J.
Filing Date	:NA	5)COFFEY, Joseph, C.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fiber panel system includes a chassis including a backplane; and at least a first blade configured to mount to the chassis. The first blade is moveable relative to the chassis between a retracted (closed) position and at least one extended position. The first blade includes a coupler arrangement for connecting together media segments. Each blade includes a blade processor and a plurality of smart couplers. A chassis processor is electrically coupled to a processor port of the chassis backplane.

No. of Pages : 222 No. of Claims : 51

(54) Title of the invention : SPRING CHARACTERISTICS CORRECTION METHOD AND SPRING CHARACTERISTICS CORRECTION DEVICE

(51) International classification :F16F1/02,F16F1/06
 (31) Priority Document No :2010-008422
 (32) Priority Date :18/01/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/050547
 Filing Date :14/01/2011
 (87) International Publication No :WO 2011/087087
 (61) Patent of Addition 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)OKURA Shinsuke

2)KAMIYA Shuji

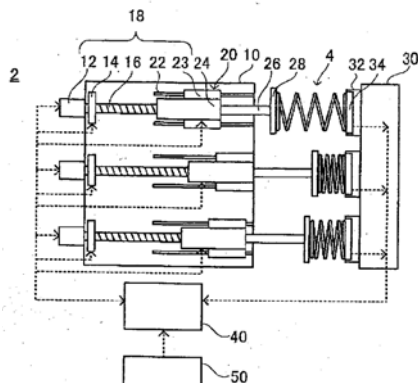
3)KABEYA Yukimasa

4)NARUKAWA Junya

5)GOTO Takashi

(57) Abstract :

Provided is a method for correcting a spring with high accuracy so that desired spring characteristics can be obtained for the spring. Said method for correcting the spring is such that in the first place the spring is compressed until an actual measurement line of the load vs. displacement relationship intersects with a target line of the load vs. displacement relationship said actual measurement line of the load vs. displacement relationship being an actual measurement line obtained by measuring loads and displacements with respect to the spring and said target line of the load vs. displacement relationship being a target line decided on the basis of the load vs. displacement characteristics of the spring and the desired characteristics of the spring (S10-S14); and that in the next place the spring is expanded so that load decreases along the target line of the load vs. displacement relationship (S18).



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

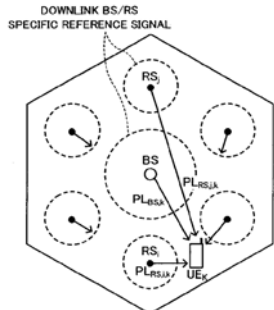
(54) Title of the invention : WIRELESS BASE STATION DEVICE AND SCHEDULING METHOD

(51) International classification :H04W72/12,H04W16/26,H04W72/08
 (31) Priority Document No :2010-040304
 (32) Priority Date :25/02/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/054038
 Filing Date :23/02/2011
 (87) International Publication No :WO 2011/105454
 (61) Patent of Addition 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)HIGUCHI, Kenichi

(57) Abstract :

Disclosed are a wireless base station device and a scheduling method capable of improving user throughput characteristics in an adaptive AF relay transmission method. The disclosed scheduling method is characterized by involving a step for receiving a signal that contains a reference signal; a step which uses said reference signal to measure the instantaneous channel gain of the uplink resulting from path loss and fading between a mobile terminal device or wireless relay device and a wireless base station device; and a step for allocating downlink resources on the basis of said instantaneous channel gain resulting from path loss and fading.



No. of Pages : 37 No. of Claims : 8

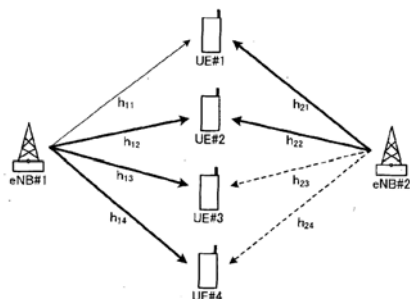
(54) Title of the invention : PRECODING WEIGHT GENERATION AND CONTROL DEVICE.

(51) International classification :H04W 16/28
 (31) Priority Document No :2010-038248
 (32) Priority Date :24/02/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/052700
 Filing Date :09/02/2011
 (87) International Publication No :WO 2011/105213
 (61) Patent of Addition 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)TAOKA,HIDEKAZU
2)HIGUCHI,KENICHI

(57) Abstract :

To reduce interference among mobile station apparatuses even when the CSI is not transmitted from all mobile station apparatuses as feedback in an environment where Joint Transmission is performed, a channel matrix is generated which is comprised of the CSI from a plurality of mobile station apparatuses (UEs) undergoing spatial multiplexing for each of coordinated cells, and based on the channel matrix, precoding weights are generated successively starting from a cell having the highest number of mobile station apparatuses (UEs) that transmit the CSI as feedback. When data transmission is targeted for a mobile station apparatus (UE#1) that transmits the CSI as feedback as well as a weight generation target cell that is a target for generation of precoding weights, precoding weights are generated so as not to suppress interference on a mobile station apparatus (UE#2) that transmits the CSI as feedback as well as the weight generation target cell, while suppressing interference on mobile station apparatuses (UE#3, UE#4) that do not transmit the CSI as feedback except the weight generation target cell.



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

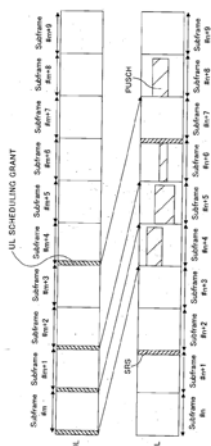
(54) Title of the invention : REFERENCE SIGNAL TRANSMITTING METHOD, MOBILE STATION APPARATUS AND BASE STATION APPARATUS

(51) International classification :H04W72/04,H04W72/14
 (31) Priority Document No :2010-030372
 (32) Priority Date :15/02/2010
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2011/053079
 Filing Date :15/02/2011
 (87) International Publication No :WO 2011/099613
 (61) Patent of Addition 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)KISHIYAMA, Yoshihisa
2)KAWAMURA, Teruo
3)NISHIKAWA, Daisuke

(57) Abstract :

This invention is directed to efficient use of radio resources to be used for SRS transmissions. A base station apparatus (eNodeB) transmits a scheduling grant including an instruction of SRS (Sounding Reference Signal) transmission, and a mobile station apparatus (UE) transmits an SRS in response to the scheduling grant. The SRS is transmitted in the same subframe as a subframe of PUSCH (Physical Uplink Shared Channel) over which the transmission is instructed by the scheduling grant, in the immediately preceding subframe or in a subframe that is earlier by a given number of subframes.



No. of Pages : 96 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2107/KOLNP/2012 A

(19) INDIA

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

(43) Publication Date : 22/03/2013

(54) Title of the invention : CAPSULE CONTAINING A DOSE OF SUBSTANCE FOR MAKING A DRINK, AND METHOD FOR MAKING A DRINK USING THE CAPSULE

(51) International classification :A47J31/36,B65D85/804
(31) Priority Document No :VR2010A000062
(32) Priority Date :26/03/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2011/050949
Filing Date :07/03/2011
(87) International Publication No :WO 2011/117768
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
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Luxembourg
(72)Name of Inventor :
1)DIGIUNI, Paolo

(57) Abstract :

A capsule for making a drink comprises a cup- shaped main body (6) forming a housing chamber (7) containing a powdered or liquid substance (2). The main body (6) comprises a bottom wall (8) and a lateral wall (9) which has a lower portion (10) connected to the bottom wall (8) and an upper portion (11) delimiting an opening which is closed by a cover element (17). The capsule also comprises lengthening means (18) which, following an increase in the capsule (1) internal pressure allow a movement away from the cover element (17) by the lower portion (10) of the lateral wall (9) and the bottom wall (8) connected to it. Also claimed is a method which comprises feeding water and/or steam into the capsule (1) to increase the capsule (1) internal pressure and so cause the movement of the lower portion (10) of the lateral wall (9) and the bottom wall (8) away from the cover element (17) until the bottom wall (8) is torn against external piercing means, thus allowing the drink to be supplied through the bottom wall (8).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2118/KOLNP/2012 A

(19) INDIA

(22) Date of filing of Application :09/08/2012

(43) Publication Date : 22/03/2013

(54) Title of the invention : MANAGED FIBER CONNECTIVITY SYSTEMS

(51) International classification :G02B6/38,G02B6/43,H01R13/00
(31) Priority Document No :61/303,961
(32) Priority Date :12/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/024652
Filing Date :11/02/2011
(87) International Publication No :WO 2011/100634
(61) Patent of Addition 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)SCHROEDER, Michael, D.
2)PETERSEN, Cyle, D.
3)STASNY, John
4)BRANDT, Steven, J.
5)PATEL, Kamlesh, G.
6)ANDERSON, John
7)OGREN, Bruce

(57) Abstract :

A communications connection system includes a fiber optic adapter module (1200,1810,2200 4200,5200) configured to receive multiple fiber optic connectors. The fiber optic adapter module includes one or more media reading interfaces (1230,1816,1818,2230,4230,5230). Each media reading interface is configured to read physical layer information stored on one of the fiber optic connectors received at the adapter module. Certain types of media reading interfaces extend between an internal passage of the adapter module and an external surface of the adapter module.

No. of Pages : 169 No. of Claims : 39

(54) Title of the invention : MANAGED FIBER CONNECTIVITY SYSTEMS

(51) International classification :G02B6/38,G02B6/43,H01R13/00
 (31) Priority Document No :61/303,961
 (32) Priority Date :12/02/2010
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2011/024650
 Filing Date :11/02/2011
 (87) International Publication No :WO 2011/100633
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

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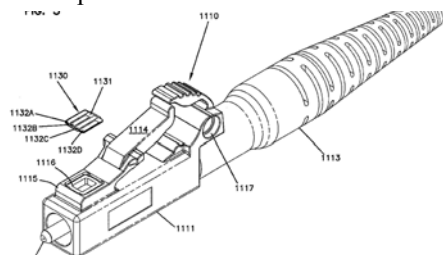
Address of Applicant :13625 Technology Drive, Eden Prairie, Minnesota 55344-2252, U.S.A

(72)Name of Inventor :

1)SCHROEDER, Michael, D.**2)PETERSEN, Cyle, D.****3)STASNY, John****4)BRANDT, Steven, J.****5)PATEL, Kamlesh, G.****6)ANDERSON John**

(57) Abstract :

A communications connection system includes a fiber optic connector (1110) including a storage device (1130) having memory (1131) configured to store physical layer information. The storage device also includes at least one contact member (1132A B C) that is electrically connected to the memory. Certain types of fiber optic connectors have the storage device mounted to a key (1115) of the fiber optic connector (1110). Certain types of fiber optic connectors have the storage device mounted in a cavity (1116) defined in the fiber optic connector.



No. of Pages : 167 No. of Claims : 38

**PUBLICATION U/S 60 IN RESPECT OF APPLICATION FOR
RESTORATION OF PATENTS (CHENNAI)**

Notice is hereby given that application for restoration of under mentioned patents have been allowed and said patents are restored.

S.NO	PATENT NUMBER	APPLICANT	TITLE	DATE ON WHICH APPLICATION FILED	APPROPRIATE OFFICE
1	239213	Shri. CHINTHALA VENKAT REDDY	A PROCESS TO IMPROVE THE NUTRIENT CONTENTS OF THE SOIL IN THE CULTIVATED LANDS	4/1/2012	CHENNAI
2	203485	M/s. MYLAN LABORATORIES LTD	A PROCESS FOR THE PREPARATION OF TADALAFIL	6/1/2012	CHENNAI
3	201513	M/s. MYLAN LABORATORIES LTD	AN IMPROVED PROCESS FOR THE PREPARATION OF SERTRALINE POLYMORPHS	6/1/2012	CHENNAI
4	204276	M/s. MYLAN LABORATORIES LTD	PROCESS FOR THE PREPARATION OF N- [4- (3,4-DICHLORO PHENYL) -3, 4 - DIHYDRO -1 -(2H) - NAPHTHALENYLIDENE] METHANAMINE (SERTRALINE INTERMEDIATE)	6/1/2012	CHENNAI
5	223125	M/s. MYLAN LABORATORIES LTD	NOVEL POLYMORPHS OF GABAPENTIN	6/1/2012	CHENNAI
6	224634	M/s. MYLAN LABORATORIES LTD	PROCESS FOR THE PREPARATION OF CARVEDILOL FORM-II	6/1/2012	CHENNAI
7	185214	M/s. DEUTSCHE INSTITUTE FUR TEXTIL- UND FASERFORSCHUNG STUTTGART	METHOD OF MANUFACTURING A SPUN YARN AND A DOUBLE APRON DRAWING EQUIPMENT FOR CARRYING OUT THE SAID METHOD	18/1/2012	CHENNAI
8	247339	M/s. SENSATA TECHNOLOGIES MASSACHUSETTS, INC	LOW CURRENT ELECTRIC MOTOR PROTECTOR	6/2/2012	CHENNAI
9	237974	M/s. ORACLE INTERNATIONAL CORPORATION	ARTICLE OF MANUFACTURE INCLUDING AN INFORMATION STORAGE MEDIUM	22/2/2012	CHENNAI
10	244259	M/s. CENTRON ENERGY CORPORATION	A DIESEL FUEL COMPOSITION WITH CONTROLLED POLLUTION EMISSION AND A METHOD OF PREPARING IMPROVED DESEL FUELS WITH CONTROLLED POLLUTION EMISSION	8/3/2012	CHENNAI

11	201920	Shri. JOJOMON K.C	AN IMPROVED DEVICE TO SUPPLY WATER LIQUID OR FLUID	26/03/2012	CHENNAI
12	243565	M/s. THE SCRIPPS RESEARCH INSTITUTE	A RECOMBINANT EUKARYOTIC CELL	26/03/2012	CHENNAI
13	248021	Shri. SASI KUMAR S	AUTOMATIC WINDOW LOCK	12/4/2012	CHENNAI
14	236501	M/s. CHEVRON U.S.A. INC	LUBRICATING BASE OIL WITH HIGH MONOCYCLOPARAFFINS AND LOW MULTICYCLOPARAFFINS	30/04/2012	CHENNAI
15	246208	M/s. SIDDHARTH PETRO PRODUCTS	TRANSLUCENT LUBRICATING GREASE COMPOSITION	10/5/2012	CHENNAI
16	241907	M/s. TEIJIN ARAMID B.V	METHOD FOR OBTAINING A CORD WITH HIGH FATIGUE RESISTANCE	18/05/2012	CHENNAI
17	240168	M/s. TEIJIN ARAMID B.V	METHOD FOR MANUFACTURING FILAMENTS FROM AN OPTICALLY ANISOTROPIC SPINNING SOLUTION AND AIR GAP SPINNING DEVICE	18/05/2012	CHENNAI
18	181228	SHRI. DENNIS CHARLES CLEMES	SULPHUR DIOXIDE GENERATORS	7/6/2012	CHENNAI
19	219208	M/s. SHASUN CHEMICALS AND DRUGS LIMITED	AN IMPROVED METHOD FOR THE MANUFACTURE OF ISRADIPINE	14/06/2012	CHENNAI
20	224048	M/s. SHASUN CHEMICALS AND DRUGS LIMITED	A PROCESS FOR PREPARING ANHYDROUS GABAPENTIN FORM II FROM GABAPENTIN ACID ADDITION SALT	14/06/2012	CHENNAI
21	236795	M/s.SHASUN CHEMICALS AND DRUGS LIMITED	NOVEL PROCESS FOR MAKING OLANZAPINE FORM - I	14/06/2012	CHENNAI
22	223452	1. Shri. GUERRA NAVAS, ANTONIO, MANUEL 2 . Shri. ORTUBAI BALANZATEGUI, KRISTINA	A GAME BOARD	18/06/2012	CHENNAI
23	228624	M/s. NOVARTIS AG	NAPHTYRIDINE DERIVATIVES	20/06/2012	CHENNAI
24	241508	M/s.KARNATAKA STATE SERICULTURE RESEARCH AND DEVELOPMENT INSTITUTE (KSSR&DI)	A BIO-FUNGICIDE AND A PROCESS FOR PREPARATION THEREOF FOR CONTROL OF POWDERY MILDEW DISEASE IN MULBERRY	22/06/2012	CHENNAI

25	202154	1. M/s. SUNDARAM MEDICAL FOUNDATION 2. M/s.INDIAN INSTITUTE OF TECHNOLOGY	PORTABLE PEDOPOWERGRAPH	13/07/2012	CHENNAI
26	220156	1. M/s.SUNDARAM MEDICAL FOUNDATION 2. M/s. INDIAN INSTITUTE OF TECHNOLOGY	A NOVEL DIABETIC FOOTWEAR FOR HEALING OF FOOT SOLE ULCERS	13/07/2012	CHENNAI
27	211873	1. M/s. SUNDARAM MEDICAL FOUNDATION 2. M/s. INDIAN INSTITUTE OF TECHNOLOGY	A NOVEL DIABETIC FOOTWEAR FOR PREVENTION OF FOOT SOLE ULCERS	13/07/2012	CHENNAI
28	242568	M/s. AUDCO INDIA LIMITED	AN ANTI BLOW OUT DEVICE FOR A BUTTERFLY VALVE	23/07/2012	CHENNAI
29	242508	M/s. NOVARTIS AG	1-(4-BENZYL-PIPERAZIN-1- YL)-3-PHENYL-PROPENONE DERIVATIVES OF FORMULA I AS ANTAGONISTS OF CCR-1	27/07/2012	CHENNAI
30	230401	Shri. MESSADEK, JALLAL	A PHARMACEUTICAL ANTITHROMBOTIC COMBINATION	2/8/2012	CHENNAI
31	248250	M/s. AKZO NOBEL COATINGS INTERNATIONAL B.V	SILYL ESTER COPOLYMER COMPOSITIONS	6/8/2012	CHENNAI
32	246848	M/s.TVS MOTOR COMPANY LIMITED	ENGINE FOR MOTORCYCLES	30/08/2012	CHENNAI
33	246146	M/s. SCHNEIDER ELECTRIC JAPAN LTD	IMPROVEMENTS IN BLADE ASSEMBLY FOR A CIRCUIT BREAKER	12/9/2012	CHENNAI
34	235489	DR. SUBRAMANYAM SUNDARESAN	A PREPARATION FOR ENHANCING YIELD IN AGRICULTURE AND HORTICULTURE	14/09/2012	CHENNAI
35	192260	M/s. METHANOL CASALE S.A	AN EXOTHERMIC HETEROGENIUS CATALYTIC SYNTHESIS REACTORS	10/07/2009	CHENNAI

Publication Under Section 43(2) in Respect of the Grant

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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
1	189313	705/DEL/1998	20/03/1998		A METHOD FOR PRODUCING ANTI-CD22 ANTIBODIES	IMMUNOMEDICS, INC.,		DELHI
2	194349	571/DEL/1996	18/03/1996		A SENSIBLE AND LATENT HEAT EXCHNGE DEHUMIDIFICATION MEDIA	MR.DEEPAK PAHWA		DELHI
3	194390	573/DEL/1996	18/03/1996		A PROCESS FOR PREPARING POTASSIUM EXCHANGED TYPE A ZEOLITE ADSORBENT	MR.DEEPAK PAHWA		DELHI
4	197420	570/DEL/1996	18/03/1996		FACE MACHINING APPARATUS FOR ENERGY RECOVERY MEDIA	MR.DEEPAK PAHWA	25/03/1996	DELHI
5	255677	1473/DEL/2004	09/08/2004	30/09/2003	A SIDE COVER STRUCTURE FOR A MOTORCYCLE	HONDA MOTOR CO., LTD.	14/07/2006	DELHI
6	255680	900/DELNP/2004	10/10/2002	12/10/2001	A TEMPORARY DUAL-LAYER RAPID-DEPLOYMENT GROUND-COVERING STRUCTURE	ETS A. DESCHAMPS ET FILS	11/12/2009	DELHI
7	255682	967/DELNP/2006	24/06/2004	27/08/2003	A BEARING STRUCTURE COMPRISING AT LEAST ONE BEARING-STRUCTURE ELEMENT	PROSPECTIVE CONCEPTS AG	17/08/2007	DELHI
8	255683	3208/DELNP/2007	20/10/2005	20/10/2004	A METHOD OF TRANSMITTING SIGNALING IN A COMMUNICATION SYSTEM	QUALCOMM INCORPORATED	31/08/2007	DELHI
9	255684	4872/DELNP/2005	19/05/2004	19/05/2003	IMAGING APPARATUS	SONY CORPORATION	09/11/2007	DELHI
10	255686	1439/DELNP/2006	10/09/2004	10/09/2003	A METHOD FOR MANUFACTURING A SOLID OXIDE FUEL CELL	BTU INTERNATIONAL, INC., TRUSTEES OF BOSTON UNIVERSITY.	10/08/2007	DELHI
11	255689	3430/DELNP/2004	23/06/2003	11/07/2002	A PROCESS FOR PREPARING POLY(TRIMETHYLENE TEREPHTHALATE) FIBERS	E.I. DU PONT DE NEMOURS AND COMPANY	09/10/2009	DELHI
12	255690	6474/DELNP/2006	28/04/2005	03/05/2004	DIASTEROSELECTIVE ADDITION OF LITHIATED N-METHYLIMIDAZOLE ON SULFINIMINES	JANSSEN PHARMACEUTICA N.V	31/08/2007	DELHI
13	255692	6137/DELNP/2005	29/06/2004	30/06/2003	A METHOD OPERABLE IN A UNIFIED MESSAGING SYSTEM FOR PROVIDING NETWORK SYNCHRONIZATION	NORTEL NETWORKS LIMITED,	09/05/2008	DELHI

14	255695	5856/DELNP/2005	09/06/2004	03/07/2003	SYSTEM AND METHOD FOR ACCESSING MOBILE DATA DEVICES.	WIRELESS INTELLECT LABS PTE., LTD.	05/10/2007	DELHI
15	255697	4984/DELNP/2005	05/04/2004	07/04/2003	A METHOD AND SERVICE FOR THE AUTHENTICATION OF A PUBLIC KEY CERTIFICATE BY MEANS OF QUALITY CHARACTERISTICS.	INTERNATIONAL BUSINESS MACHINES CORPORATION	28/09/2007	DELHI
16	255700	2212/DELNP/2007	10/11/2005	17/11/2004	APPARATUS AND METHOD FOR PERFORMING TRANSFORMATION ADAPTER FUNCTIONS IN A NETWORK ELEMENT	CISCO TECHNOLOGY, INC.	27/04/2007	DELHI
17	255702	5097/DELNP/2007	09/12/2005	27/12/2004	A METHOD FOR FORMING A CHANGED DIAMETER PORTION OF A WORK PIECE	SANGO CO., LTD.	17/08/2007	DELHI
18	255703	3141/DEL/2005	03/03/1999	04/03/1998	A COMPOUND OF PROTECTED 4-AMINOMETHYLENE-PYRROLIDIN-3-ONE	LG LIFE SCIENCES LTD.	05/03/2010	DELHI
19	255706	971/DEL/2005	19/04/2005		SYSTEM AND METHOD FOR ASSIGNING A NETWORK ADDRESS TO A WIRELESS DEVICE	RESEARCH IN MOTION LIMITED	01/12/2006	DELHI
20	255707	187/DEL/2007	31/01/2007	03/08/2006	CRANE AND CONTROL METHOD THEREOF	MITSUBISHI HEAVY INDUSTRIES , LTD.	15/02/2008	DELHI
21	255708	1332/DEL/2004	20/07/2004		A FUEL FILTER COALESCER ELEMENT FOR GROUND AVIATION FUEL HANDLING EQUIPMENT	MAHLE FILTER SYSTEMS (INDIA) LIMITED	30/06/2006	DELHI
22	255710	1727/DELNP/2006	02/09/2004	02/09/2003	FSH GLYCOSYLATION MUTANT	LABORATOIRES SERONO SA	31/08/2007	DELHI
23	255713	1094/DEL/1995	14/01/1995		A PROCESS FOR THE PREPARATION OF POLYMER USEFUL FOR THE CONVERSION OF ESTERS AND AMIDES TO CORRESPONDING ALCOHOLS AND AMINES	COUNCIL OF SCIENTEFIC AND INDUSTRIAL RESEARCH	31/08/2012	DELHI
24	255714	44/DELNP/2008	26/05/2006	18/07/2005	A PROCESS TO PRODUCE A NANOCOMPOSITE	EXXONMOBIL CHEMICAL PATENTS INC,	15/02/2008	DELHI
25	255715	02023/DELNP/2003	27/05/2002	01/06/2001	CAPSULES FOR INHALATION	BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG.	16/03/2007	DELHI
26	255719	2716/DELNP/2007	21/03/2006	13/07/2005	STIRRING DEVICE	KRONES AG	13/07/2007	DELHI
27	255726	1765/DEL/2006	02/08/2006		SINGLE USE DISPOSABLE SYRINGE	DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION	15/02/2008	DELHI
28	255735	879/DEL/2006	30/03/2006		APPARATUS FOR THE IMPROVED VERTICAL CONTINUOUS PAN	SPRAY ENGINEERING DEVICES LIMITED	02/03/2007	DELHI

29	255739	264/DEL/2007	08/02/2007 16:03:24	16/02/2006	APPARATUS, AND ASSOCIATED METHOD, FOR PROVIDING NETWORK SELECTION MANAGEMENT IN A RADIO COMMUNICATION SYSTEM	RESEARCH IN MOTION LIMITED	24/08/2007	DELHI
30	255744	5275/DELNP/2008	18/12/2006	17/12/2005	PROCESS FOR THE PRODUCTION OF DICHLOROTRIFLUOROETHANE	MEXICHEM AMANCO HOLDING S.A. DE C.V.	08/08/2008	DELHI
31	255745	5661/DELNP/2007	07/02/2006	08/02/2005	HEPATITIS C VIRUS INHIBITORS	BRISTOL-MYERS SQUIBB COMPANY	31/08/2007	DELHI
32	255750	2169/DELNP/2007	16/09/2005	20/09/2004	ROTARY DISPLACEMENT PUMP	MASO Process-Pumpen GmbH	03/08/2007	DELHI
33	255755	2246/DELNP/2007	23/09/2004	23/09/2004	SAMPLER FOR TAKING SAMPLE FROM BODY CAVITY	PANTARHEI BIOSCIENCE B.V.	03/08/2007	DELHI
34	255757	4611/DELNP/2006	06/01/2005	09/02/2004	NITRIC OXIDE-RELEASING POLYMERS.	AMULET PHARMACEUTICALS INC	24/08/2007	DELHI
35	255764	5311/DELNP/2007	06/01/2005	06/01/2005	ZINC OXIDE-BASED SORBENTS AND PROCESSES FOR PREPARING AND USING SAME	RESEARCH TRIANGLE INSTITUTE	31/08/2007	DELHI

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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
1	255685	1068/MUMNP/2008	13/07/2007	10/08/2006	SHADING COMPOSITION	HINDUSTAN UNILEVER LIMITED,	19/12/2008	MUMBAI
2	255717	IN/PCT/2002/01276/MUM	20/03/2001	24/03/2000	A COATED CUTTING INSERT WITH A SUBSTRATE BINDER ENRICHMENT AND METHOD OF MAKING THEREOF	KENNAMETAL INC	03/07/2004	MUMBAI
3	255718	1809/MUM/2007	18/09/2007		A SUN VISOR ASSEMBLY HAVING PLURALITY OF USER CONVENIENCE FEATURES CONFIGURED THEREON	MAHINDRA & MAHINDRA LTD.	16/11/2007	MUMBAI
4	255720	1566/MUMNP/2008	29/01/2007	28/02/2006	A PLATE-TYPE HEAT EXCHANGER AND A METHOD FOR EVALUATING THE EXTENT TO WHICH A PLATE TYPE HEAT EXCHANGER HAS BECOME COATED IN SCALE	COMMISSARIAT A L'ENERGIE ATOMIQUE ,ARMINES	10/10/2008	MUMBAI
5	255721	272/MUMNP/2008	07/07/2006	08/09/2005	A METHOD FOR IDENTIFYING A ROAD CONDITION DURING DRIVING OF A VEHICLE	VOLVO LASTVAGNAR AB	07/03/2008	MUMBAI
6	255722	1906/MUMNP/2007	11/05/2006	14/05/2005	METHOD AND DEVICE FOR CONTROLLING SEVERAL INFUSION PUMPS	B. BRAUN MELSUNGEN AG	11/07/2008	MUMBAI
7	255728	2216/MUM/2007	07/11/2007		IMPROVED METHOD OF CAMOUFLAGING VEHICLES	TATA MOTORS LIMITED	28/12/2007	MUMBAI
8	255733	1057/MUMNP/2006	02/03/2005	05/03/2004	AN IRRIGATION AND ASPIRATION MACHINE USED IN ENDOSCOPY	FUTURE MEDICAL SYSTEM S. A.	13/04/2007	MUMBAI
9	255736	494/MUMNP/2008	29/08/2006	16/09/2005	RESONATOR FOR AN AIR INLET SYSTEM FOR THE INTERNAL COMBUSTION ENGINE OF A MOTOR VEHICLE	MANN+HUMMEL GMBH	27/06/2008	MUMBAI
10	255737	2427/MUM/2007	12/12/2007		ACCELERATOR PEDAL ASSEMBLY FOR A VEHICLE	TATA MOTORS LIMITED	18/04/2008	MUMBAI

11	255740	562/MUMNP/2008	15/09/2006	15/09/2005	FRACTIONALLY-SPACED EQUALIZERS FOR SPREAD SPECTRUM WIRELESS COMMUNICATION	QUALCOMM INCORPORATED	26/06/2009	MUMBAI
12	255748	638/MUMNP/2006	01/12/2004	02/12/2003	A METHOD AND SYSTEM TO ELECTRONICALLY IDENTIFY AND VERIFY AN INDIVIDUAL PRESENTING HIMSELF FOR SUCH IDENTIFICATION AND VERIFICATION	MULTIMEDIA Glory Sdn.Bhd.,MULTIMEDIA Glory Pte.Ltd	23/03/2007	MUMBAI
13	255763	1403/MUM/2005	09/11/2005	12/11/2005	A DISPOSABLE RECEIVING MEMBER	PIPARETTE PTY.LTD	29/06/2007	MUMBAI

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1	255678	152/MAS/2002	28/02/2002	01/03/2001	ELECTROMAGNETICALLY OPERATED PUMP	DELL'ORTO S.P.A	03/08/2007	CHENNAI
2	255679	3331/CHENP/2006	07/03/2005	15/03/2004	DATA CARRIER AND A METHOD FOR PRODUCING A DATA CARRIER	BUNDESDRUCKEREI GmbH	22/06/2007	CHENNAI
3	255681	1290/CHE/2008	27/05/2008	28/05/2007	BOBBIN CARRYING APPARATUS IN FINE SPINNING MACHINE	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	21/08/2009	CHENNAI
4	255691	1259/CHE/2006	21/07/2006		METHOD AND DEVICE FOR CONFIGURING MULTIPLE SESSION CONFIGURATIONS IN AN EVOLUTION DATA OPTIMIZED (EVDO) COMMUNICATION SYSTEMS	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	02/05/2008	CHENNAI
5	255696	433/CHE/2005	15/04/2005		METHOD FOR TRIGGERING RE-NEGOTIATION OF SESSION IN A TARGET ACCESS NETWORK WHEN AN ACCESS TERMINAL MOVES FROM A SOURCE ACCESS NETWORK TO THE TARGET ACCESS NETWORK HAVING DIFFERENT CAPABILITY IN A HIGH RATE PACKET DATA SYSTEM	SAMSUNG INDIA SOFTWARE OPERATIONS PVT.LTD	27/07/2007	CHENNAI
6	255712	2502/CHENP/2006	09/01/2005	09/01/2004	DETECTING RELAYED COMMUNICATIONS	PAYPAL ISRAEL LTD.	08/06/2007	CHENNAI
7	255724	318/CHENP/2007	22/06/2005	25/06/2004	A POT TENDING MODULE FOR USE IN A PLANT FOR THE PRODUCTION OF ALUMINIUM BY FUSED BATH ELECTROLYSIS	E.C.L.	24/08/2007	CHENNAI
8	255730	82/CHE/2004	03/02/2004	12/02/2003	ACTIVE PART FOR A SURGE ARRESTER	ABB TECHNOLOGY AG	02/12/2005	CHENNAI
9	255731	1459/CHENP/2008	25/08/2006	26/08/2005	TEXTILE MACHINE	OERLIKON TEXTILE GMBH & CO KG	28/11/2008	CHENNAI
10	255732	396/CHE/2004	29/04/2004	02/05/2003	A MEDICAL DEVICE FOR A FLUID TRANSFER DEVICE	BECTON, DICKINSON AND COMPANY	19/05/2006	CHENNAI
11	255741	1780/CHENP/2003	14/05/2002	15/05/2001	METHOD AND APPARATUS FOR REDUCING LATENCY IN WAKING UP A GROUP OF DORMANT COMMUNICATION DEVICES	QUALCOMM INCORPORATED	06/01/2006	CHENNAI

12	255751	765/CHE/2006	26/04/2006	28/04/2005	ACTIVE ELEMENT FOR A LASER SOURCE	COMPAGNIE INDUSTRIELLE DES LASERS CILAS	15/06/2007	CHENNAI
13	255772	462/CHE/2005	21/04/2005	23/04/2004	A METHOD OF MODIFYING ZEOLITE CATALYST TO INCREASE PARA-XYLENE SELECTIVITY IN TOLUENE METHYLATION REACTION	SAUDI BASIC INDUSTRIES CORPORATION	21/09/2007	CHENNAI
14	255773	4786/CHENP/2006	28/05/2005	28/05/2004	METHOD FOR CARRYING OUT HETEROGENEOUS CATALYTIC EXOTHERMIC GAS PHASE REACTIONS	AMMONIA CASALE S.A.	05/10/2007	CHENNAI
15	255777	3857/CHENP/2006	19/04/2005	19/04/2004	COMPOSITION SUITABLE FOR SINGLE-SIDED, LOW-NOISE, STRETCH CLING FILM AND FILMS MADE THEREFROM	DOW GLOBAL TECHNOLOGIES , LLC	15/06/2007	CHENNAI

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1	184276	1142/CAL/1998	29/08/1996	29/08/1995	PROCESS FOR MAKING A PRODUCT WITH A UNIQUE COOLING PERCEPTION	V.MANE FILS, S.A.,		KOLKATA
2	255687	5077/KOLNP/2008	27/04/2007	21/06/2006	JUICE EXTRACTOR	KIM, YOUNG-KI	27/03/2009	KOLKATA
3	255688	1966/KOLNP/2006	17/01/2005	20/01/2004	APPARATUS AND METHOD FOR CONSTRUCTING A MULTI-CHANNEL AUDIO SIGNAL	FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V.,AGERE SYSTEMS INC.	18/05/2007	KOLKATA
4	255693	1219/KOL/2006	15/11/2006	16/02/2006	AUXILIARY CONTACT UNIT FOR MAGNETIC CONTACTOR	LS INDUSTRIAL SYSTEMS CO., LTD.	24/08/2007	KOLKATA
5	255694	786/KOL/2004	01/12/2004	10/12/2003	OPTICAL INFORMATION RECORDING MEDIUM	PANASONIC CORPORATION	20/10/2006	KOLKATA
6	255698	911/KOLNP/2004	19/09/2003	19/09/2002	METHOD FOR PROVIDING/RECEIVING DATA OF A MULTICAST SERVICE IN A RADIO COMMUNICATION SYSTEM, METHOD OF PROVIDING INTERNET PROTOCOL HEADER INFORMATION TO A PLURALITY OF TERMINALS, RADIO NETWORK CONTROLLER, USER EQUIPMENT AND WIRELESS COMMUNICATION SYSTEM THEREFOR	LG ELECTRONICS INC.	05/05/2006	KOLKATA
7	255699	215/KOLNP/2006	19/07/2004	17/07/2003	A WIRELESS COMMUNICATION SYSTEM FOR PROVIDING IMPROVED HANDOFFS IN WIRELESS COMMUNICATION NETWORKS AND A METHOD FOR PERFORMING A HANDOFF IN A MOBILE COMMUNICATION SYSTEM	STARENT NETWORKS CORPORATION	03/08/2007	KOLKATA

8	255701	1311/KOLNP/2004	14/03/2003	14/03/2002	METHOD AND SYSTEM FOR GENERATING GRAPHICAL DISPLAY AND MEDIA PRESENTATION AT A CLIENT	CITRIX SYSTEMS, INC.	26/05/2006	KOLKATA
9	255704	3905/KOLNP/2006	28/05/2004	28/05/2004	COMMUNICATIONS METHOD AND APPARATUS, DATABASE INFORMATION RETRIEVAL METHOD AND APPARATUS	TELEFONAKTIEBOLAG ET LM ERICSSON (PUBL)	22/06/2007	KOLKATA
10	255705	4612/KOLNP/2008	15/05/2007	15/05/2006	METHOD FOR PRODUCTION OF A FLAT STEEL PRODUCT COATED WITH A CORROSION PROTECTION SYSTEM	THYSSENKRUPP STEEL AG	13/03/2009	KOLKATA
11	255709	954/KOL/2007	02/07/2007	11/07/2006	PROCESS FOR PRODUCING ACRYLIC ESTER	NIPPON SHOKUBAI CO., LTD.	01/02/2008	KOLKATA
12	255711	2423/KOLNP/2008	14/12/2006	16/12/2005	IMMUNOGLOBULINS	GLAXO GROUP LIMITED	30/01/2009	KOLKATA
13	255716	1460/KOLNP/2007	25/10/2005	12/11/2004	A PROCESS FOR CONTINUOUSLY COATING METAL STRIPS BY A COIL COATING PROCESS	AZ ELECTRONIC MATERIALS (LUXEMBOURG) S.A.R.L.	20/07/2007	KOLKATA
14	255723	2084/KOLNP/2006	21/01/2005	19/02/2004	ADAPTIVE HYBRID TRANSFORM FOR SIGNAL ANALYSIS AND SYNTHESIS	DOLBY LABORATORIES LICENSING CORPORATION	18/05/2007	KOLKATA
15	255725	3764/KOLNP/2007	03/05/2006	12/05/2005	A CAST OR BLOWN TRANSPARENT EASY TEARABLE FILM AND PROCESS OF MANUFACTURE THEREOF	BOREALIS TECHNOLOGY OY	18/07/2008	KOLKATA
16	255727	2588/KOLNP/2007	19/12/2005	20/12/2004	METHOD AND DEVICE FOR POWER CONTROL IN A WIRELESS COMMUNICATION SYSTEM	TELEFONAKTIEBOLAG ET LM ERICSSON (PUBL)	24/08/2007	KOLKATA
17	255729	702/KOLNP/2006	23/09/2004	20/10/2003	A METHOD OF MODULATION DETECTION AND A COMMUNICATION DEVICE	MOTOROLA, INC.	03/08/2007	KOLKATA
18	255734	4238/KOLNP/2007	11/04/2005	11/04/2005	TECHNIQUE FOR CONTROLLING DATA PACKET TRANSMISSIONS OF VARIABLE BIT RATE DATA	TELEFONAKTIEBOLAG ET LM ERICSSON (PUBL)	02/01/2009	KOLKATA
19	255738	649/KOL/2006	01/01/1900	30/08/2002	A METHOD OF GEOPHYSICAL EXPLORATION	PGS AMERICAS, INC.	29/06/2007	KOLKATA
20	255742	3308/KOLNP/2006	07/05/2005	07/05/2004	IP ADDRESSING TO SUPPORT IPV4 AND IPV6.	LG ELECTRONICS INC.	15/06/2007	KOLKATA
21	255743	431/CAL/2001	06/08/2001	11/08/2000	PROCESS FOR THE FORMAT CONVERSION OF AN IMAGE SEQUENCE	THOMSON LICENSING, S. A.,	13/01/2006	KOLKATA

22	255746	1345/KOLNP/2004	25/03/2003	26/03/2002	DEVICE AND APPARATUS FOR CONTROLLING THE CONCENTRATION OF AN ORGANOMETALLIC COMPOUND IN HYDROCARBON SOLVENT	FMC CORPORATION	05/05/2006	KOLKATA
23	255747	2037/KOLNP/2007	21/12/2005	23/12/2004	FUNGICIDAL MIXTURES	BASF AKTIENGESELLSCHAFT	10/08/2007	KOLKATA
24	255749	1847/KOLNP/2008	15/11/2006	25/11/2005	INDANYL-AND TETRAHYDRONAPHTYL-AMINO-THIOUREA COMPOUNDS FOR COMBATING ANIMAL PESTS	BASF SE	09/01/2009	KOLKATA
25	255752	927/KOL/2007	28/06/2007	14/08/2006	A STARTER ALTERNATOR ACCESSORY DRIVE SYSTEM FOR A HYBRID VEHICLE	GM GLOBAL TECHNOLOGY OPERATIONS, INC	07/11/2008	KOLKATA
26	255753	386/KOLNP/2008	24/07/2006	22/07/2005	COMPOUNDS CAPABLE OF MODULATING PPAR γ AND EGF RECEPTOR	GIULIANI INTERNATIONAL LIMITED	08/08/2008	KOLKATA
27	255754	1240/KOLNP/2006	17/11/2004	20/11/2003	COMMUTATOR FOR AN ELECTRIC MACHINE	KOLEKTOR GROUP D.O.O.	27/04/2007	KOLKATA
28	255756	2460/KOLNP/2005	29/06/2004	30/06/2003	AN APPARATUS AND METHOD FOR REPRODUCING AND RECORDING A DIGITAL STREAM	PANASONIC CORPORATION	13/10/2006	KOLKATA
29	255758	2097/KOLNP/2006	18/02/2005	11/03/2004	A METHOD FOR SECURING A PORTABLE SECURITY MODULE FOR USE WITH A DECODING ELEMENT AND A PORTABLE SECURITY MODULE	NAGRA THOMSON LICENSING	18/05/2007	KOLKATA
30	255759	167/KOLNP/2006	21/06/2004	20/06/2003	DIGITAL WIRING SYSTEM FOR VEHICLES	SISTEMAS INTEGRADOS PARA LA AUTOMOCION, S.L.	16/03/2007	KOLKATA
31	255760	673/KOL/2007	03/05/2007	27/06/2006	A HYBRID VEHICLE AND A METHOD OF REGULATING A CRANKSHAFT POSITION IN A HYBRID VEHICLE	GM GLOBAL TECHNOLOGY OPERATIONS, INC	03/04/2009	KOLKATA
32	255761	741/KOLNP/2007	23/08/2005	30/08/2004	SINGLE-MODE OPTICAL FIBER	FUJIKURA LTD.	13/07/2007	KOLKATA
33	255762	3777/KOLNP/2006	07/06/2005	15/06/2004	A CONTROL METER FOR CONTROLLING THE SUPPLY OF SERVICES	ENEL DISTRIBUZIONE S.P.A.	15/06/2007	KOLKATA
34	255765	3258/KOLNP/2006	01/07/2005	01/07/2004	SYSTEM AND METHOD FOR TRANSMITTING UPLINK CONTROL INFORMATION IN AN OFDMA COMMUNICATION SYSTEM	SAMSUNG ELECTRONICS CO.LTD.	08/06/2007	KOLKATA

35	255766	1096/KOLNP/2006	22/12/2004	29/03/2004	PROCESSOR MULTIPROCESSOR SYSTEM, PROCESSOR SYSTEM, INFORMATION PROCESSING DEVICE, AND TEMPERATURE CONTROL METHOD.	SONY COMPUTER ENTERTAINMENT INC.	28/09/2007	KOLKATA
36	255768	1987/KOLNP/2006	07/07/2005	19/12/2003	EXTENDED DATABASE ENGINE PROVIDING VERSIONING AND CACHING OF DERIVED DATA	KINAXIS INC.	18/05/2007	KOLKATA

CONTINUED TO PART- 2